



October 16, 2025

Mr. Steve Colquhoun
New York State Department of Environmental Conservation
Division of Environmental Remediation
5786 Widewaters Parkway
Syracuse, New York 13214

RE: Response to Comments
Remedial Investigation Report Response Letter
GW Syracuse LLC
NYSDEC Site Number C734167
CHA Project No.: 086328.000

Dear Mr. Colquhoun:

CHA Consulting, Inc (CHA) has reviewed the New York State Department of Environmental Conservation (NYSDEC) comment letter, dated October 1, 2025, regarding the Remedial Investigation Report submitted on August 22, 2025 and, revised and resubmitted on September 26, 2025. Please find the revised RIR attached to this correspondence and responses to each comment, below.

Comment 1 Section 8.1.1 Site-Wide Soil: The last paragraph states, "...and sample SOIL-103_23-15 was collected below that samples at 23ft to 25ft bgs." Update to "...and sample SOIL-103_23-25 was collected..."

Response: *This sentence was revised as part of the comment responses provided in the letter dated September 26, 2025. The sentence in Section 8.1.1 states, "...and sample SOIL-103_23-25 was collected 23ft to 25ft bgs."*

Comment 2 Section 9.0 Qualitative Exposure Assessment: Include a characterization of sensitive receptor populations who may be exposed to contaminants at a point of exposure (e.g. a daycare or other similar facility in the vicinity of the site).

Response: *A paragraph has been added to this section. There are structures in the immediate vicinity which meet the definition of a sensitive receptor.*

Comment 3 Figure 2: Adjust the scale to display a half-mile radius from the site and identify site uses and any sensitive receptor locations.

Response: *Figure 2 is intended to provide a layout of the Site and specific features. A Figure 9 has been prepared to display a half-mile radius from the site and identify sensitive receptor locations and their uses.*

Comment 4 Figures 3 and 6: Please add results for SOIL-104_8-10 that exceeded Part 375 Protection of Groundwater Soil Cleanup Objectives and update figure notes.

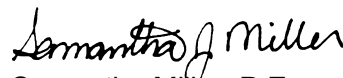
Response: *Figures 3 and 6 have been updated to include location SOIL-104_8-10 which exceeds the Part 375 Protection of Groundwater Soil Cleanup Objective.*

Comment 5 Appendix E Laboratory Analytical Report: Please provide electronic data to NYSDEC in EQulS format as described in Section 8.4 of the approved Quality Assurance Project Plan.

Response: *CHA is working on this data upload and is requesting conditional approval, pending the submission of this deliverable.*

CHA anticipates the revised RIR meet the satisfaction of the NYSDEC based on responses to the comments above and modifications to each report. Should you have additional comments, please feel free to contact me at (315) 257-7154 or smiller@chasolutions.com.

Sincerely,


Samantha Miller, P.E.
Senior Engineer V

SJM/

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Remedial Investigation Report

Gateway Syracuse Apartments
701 E. Fayette Street
Syracuse, New York 13210

Project Site Number: C734167
CHA Project Number: 086328.000

August 2025

Revised September 2025

Revised October 2025

Prepared for:
*GW Syracuse LLC
21 Greene Avenue
Amityville, New York 11701*

Prepared by:
CHA Consulting, Inc.
*One Park Place 300 S. State Street
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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)



Samantha J. Miller P.E.

Printed Name of Certifying Engineer

Samantha J. Miller

Signature of Certifying Engineer

Senior Engineer

Title

October 16, 2025

Date of Certification

103303

Professional Engineer Registration Number

New York State

Registration State

August 31, 2028

Registration Expiration Date

CHA Consulting, Inc.

Company

0021745

Company Certificate of Authorization No.

TABLE OF CONTENTS

1.0	INTRODUCTION	6
1.1	Report Organization	6
2.0	SITE SETTING AND PHYSICAL CHARACTERISTICS	6
2.1	Site Description	6
2.2	Surface Features	7
2.3	Subsurface Features	7
3.0	SITE HISTORY	7
4.0	PREVIOUS INVESTIGATIONS	7
4.1	Transaction Screen, LCS, August 5, 2016	7
4.2	Geophysical Survey and Limited and Focused Subsurface Soil Investigation, LCS, September 22, 2016	8
4.3	Phase I Environmental Site Assessment, CHA, February 22, 2024	8
4.4	Subsurface Investigations, CHA, 2024	8
4.5	Summary of Historical Data	8
4.5.1	Soil	9
4.5.2	Groundwater	9
4.5.3	Vapor Intrusion	9
5.0	REMEDIAL INVESTIGATION	9
5.1	Membrane Interface Hydraulic Profiling Tool Evaluation	10
5.2	Shallow Subsurface Soil	10
5.3	Subsurface Soil	10
5.4	Floor Trench Sediment/Sludge	11
5.5	Groundwater	11
5.5.1	Groundwater Monitoring Well Installation	11
5.5.2	Groundwater Sample Collection	11
5.5.3	Deviations from the RIWP	12
5.6	Sub-Slab Vapor/Ambient Air/Soil Vapor	12
5.7	Decontamination	13
5.8	Waste Characterization	13
5.9	Survey	13
6.0	REMEDIAL INVESTIGATION RESULTS	14
6.1	Site Stratigraphy	14
6.2	Groundwater Flow Direction	14
6.3	MIP Screening	14
6.4	Subsurface Soil	14
6.4.1	Field Observations	14
6.4.2	Analytical Results	15
6.4.2.1	VOC Results	15
6.4.2.2	SVOC Results	15
6.4.2.3	PFAS and Metals	15
6.5	Floor Trench Sample	15
6.6	Groundwater	15
7.0	DATA USABILITY	17
7.1	Quality Assurance /Quality Control Samples	17
7.1.1	Duplicate Samples	17
7.1.2	Equipment Blank Samples	17

7.1.3	Field Blank Samples.....	18
7.1.4	Matrix Spike/Matrix Spike Duplicate Samples.....	18
7.2	Data Review	18
7.3	Investigation Derived Waste	20
8.0	NATURE AND EXTENT OF CONTAMINATION.....	20
8.1	Areas of Concern.....	20
8.1.1	Site-Wide Soil.....	21
8.1.2	Site Wide Groundwater	21
8.1.3	Soil Vapor.....	21
8.2	Potential Impacts to Environmental Resources	21
9.0	QUALITATIVE EXPOSURE ASSESSMENT	22
10.0	CONCLUSIONS/RECOMMENDATIONS	23
10.1	Conclusions	23
10.2	Recommendations	23

LIST OF TABLES

Table 1	Summary of Historical Soil Analytical Data
Table 2	Summary of Historical Indoor Air and Sub-Slab Vapor Analytical Data
Table 3	RI Summary of Soil Analytical Data (Detected Compounds Only)
Table 4	Groundwater Elevations
Table 5	Field Water Quality Parameters
Table 6	Floor Trench Sample Results (Detected Compounds Only)
Table 7	RI Summary of Groundwater Analytical Data (Detected Compounds Only)
Table 8	Duplicate Comparison (Soil and Groundwater)
Table 9	Soil Waste Characterization
Table 10	Water Waste Characterization

LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	Site layout Map
Figure 3	Soil Exceedances Map
Figure 4	Historical Indoor Air and Sub-Slab Vapor Analytical Results
Figure 5	MIP Locations and Results
Figure 6	Subsurface Soil Analytical Results
Figure 7	Groundwater Monitoring Locations and Analytical Results
Figure 8	Geological Cross Section
Figure 9	Potential Sensitive Receptor Map

LIST OF APPENDICES

Appendix A	MIHPT Report
Appendix B	Daily Observation Reports
Appendix C	Soil Boring Logs
Appendix D	Well Construction Logs
Appendix E	Laboratory Analytical Reports
Appendix F	Monitoring Well Sampling Logs
Appendix G	Data Usability Summary Reports

List of Acronyms & Abbreviations

AOC	Area of Concern
ASTM	American Society for Testing and Materials
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BH	Bore hole
BTEX	benzene, ethylbenzene, isopropylbenzene, o-xylene, p/m-xylene and toluene
Cascade	Cascade Remediation Services, LLC
CHA	CHA Consulting, Inc
DER-10	Division of Environmental Remediation program policy 10
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
ESA	Environmental Site Assessment
GPR	Ground Penetrating Radar
GPS	Global Positioning System
HASP	Health and Safety Plan
HPT	Hydraulic Profiling Tool
IDW	Investigation Derived Waste
LCS	Lender Consulting Services
MIHPT	Membrane Interface Probe and Hydraulic Profiling Tool
MIP	Membrane Interface Probe
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NTU	Nephelometric Turbidity Unit
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
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid (PFOS)
PFNA	Perfluorononanoic Acid
PID	Photoionization Detector
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAA	Remedial Alternatives Analysis
REC	Recognized Environmental Condition
RI	Remedial Investigation
RPD	Relative Percent Difference
SCO	Title 6 of the New York Codes, Rules and Regulations Soil Cleanup Objective
SMP	Soil Management Plan
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
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
VOC	Volatile Organic Compound
Mg/kg	milligram per kilogram
$\mu\text{g}/\text{m}^3$	Micrograms per Cubic Meter



1.0 INTRODUCTION

GW Syracuse LLC (aka Gateway Syracuse Apartments) entered into a Brownfield Cleanup Agreement (BCA) as a volunteer in February 2025 to remediate a 0.43 acre parcel of land (Figure 1) located at 701 East Fayette Street in Syracuse, New York (Site), through the New York State Department of Environmental Conservation's (NYSDEC's) Brownfield Cleanup Program (BCP). CHA Consulting, Inc. (CHA) was retained by GW Syracuse LLC to conduct a remedial investigation (RI) to evaluate areas of environmental concern and provide the additional information necessary to evaluate remedial alternatives. GW Syracuse LLC is a Volunteer in the BCP which means their liability for the Site arises solely as a result of ownership, operation of, or involvement with the Site subsequent to the disposal of hazardous waste or discharge of petroleum. Therefore, they are not responsible for conducting off-site investigations, and the RI focused solely on the property itself.

CHA has prepared this Remedial Investigation Report (RI Report) to summarize the findings of the RI and is consistent with the guidance provided in the NYSDEC's Division of Environmental Remediation program policy 10 (DER-10) "Technical Guidance for Site Investigation and Remediation" (May 2010). Specifically, this RI Report outlines the procedures that were utilized to conduct a comprehensive environmental RI, 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 2025 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 was formerly a gasoline service station and auto repair facility located in an urban area of the City of Syracuse, Onondaga County, New York. The Site limits are generally bounded by East Washington Street to the north, Commercial buildings 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 the currently vacant gasoline service station (approximately 2,436 square feet),

concrete sidewalks and asphalt paved parking. The building is a single-story steel truss building with brick façade, concrete slab on grade floor, and canopy connecting the building to the fueling island. Two overhead garage doors allow access to the maintenance garage where at least one floor trench is located.

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 along the north and east boundaries. Surrounding land uses include the Syracuse Center of Excellence office building, a car wash facility, a parking garage, 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 a gentle slope to the northwest. Generally, the slope indicates groundwater flows in the northwesterly direction, toward Onondaga Creek and Onondaga Lake. Which are located approximately 0.77 miles to the west and 1.38 miles to the northwest, of the Site, respectively.

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 early 1900s when commercial development began. The most recent occupant of the Site was a gasoline service station, and the Site is currently used for supplemental parking for nearby businesses.

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

4.1 Transaction Screen, LCS, August 5, 2016

Lender Consulting Services (LCS) performed a Transaction Screen in accordance with American Society for Testing and Materials (ASTM) 1528-14, dated August 5, 2016, for the Site. The historical review identified the following potential environmental concerns, summarized below:

- Presence of an automotive repair facility from at least 1938 through 1968 and a gasoline service station from at least 1978 through 1983.
- During the 2016 site visit, the former fuel pump island, two former in-ground lifts, and a floor drain filled with water were noted.

4.2 Geophysical Survey and Limited and Focused Subsurface Soil Investigation, LCS, September 22, 2016

LCS conducted a limited subsurface investigation on the Site in August 2016. A limited geophysical survey with ground penetrating radar (GPR) was performed to evaluate the presence of underground storage tanks (USTs) and associated piping. USTs were not apparent in the survey. Three concrete pads were encountered, but due to lack of piping or conduit lines noted, it is expected the concrete pads are not associated with USTs. The effectiveness of the GPR was limited by the presence of steel within the concrete slabs.

Fourteen boreholes were installed to evaluate subsurface soil. Petroleum odors were noted in test boreholes (BH) BH3 through BH8 and BH11 through BH13. Analytical results identified volatile organic compounds (VOCs) in multiple boreholes with exceedances of Title 6 of the New York Codes, Rules and Regulations Part 375 Restricted Residential Soil Cleanup Objective (SCO).

Due to the presence of VOC contamination and field evidence of contamination, the NYSDEC Spills Hotline was notified and spill number 1605568 was assigned to the release. This release was subsequently closed by the NYSDEC on September 28, 2016. The investigation was completed as part of a property transaction and no redevelopment was planned at that time.

4.3 Phase I Environmental Site Assessment, CHA, February 22, 2024

CHA performed a Phase I Environmental Site Assessment (ESA) in February 2024 and identified the following recognized environmental conditions (RECs) associated with the Site.

- An unknown quantity of oil in the floor trench inside the vacant gas station indicating a previous release on the Site.
- Petroleum contamination identified as part of the LCS subsurface investigation.

4.4 Subsurface Investigations, CHA, 2024

In 2024, CHA conducted two additional investigations across the Site. The investigations included the collection of three subsurface soil samples, and one set of indoor air/soil vapor samples from the interior of the building. Results indicated that subsurface contamination remains at the Site and the indoor air may require additional monitoring.

4.5 Summary of Historical Data

As previously noted, numerous soil samples and a sub-slab/indoor air sample have been collected from the Site during previous environmental investigations. The samples have been analyzed for a variety of parameters including VOCs, SVOCs, and metals. The historical sampling data has confirmed the presence of VOCs and SVOCs in the soil and VOCs in the indoor air/sub-slab beneath the Site. Previous investigations have also confirmed that petroleum-related contaminants are present beneath the Site. A summary of the results of the previous investigations is provided in the following sections, a detailed analysis and full laboratory packages can be provided upon request as they were previously submitted to NYSDEC as part of the BCP application.

4.5.1 Soil

Previous investigations indicate one or more parameters at concentrations above Title 6 of the New York State Codes, Rules, and Regulations (NYCRR) Part 375 restricted residential Soil Cleanup Objectives (SCOs). Sample locations are shown on Figure 3. A summary of the historical soil analytical data is provided in Table 1.

The primary VOCs of concern include benzene, ethylbenzene, o-xylene, p/m-xylene, toluene (BTEX), and isopropylbenzene. Contamination appears to be focused around the former gasoline fueling station pump island, where the majority of BTEX contamination is located.

Although SVOCs were detected, the parameters do not exceed the restricted residential SCO.

Results from the previous investigations indicate that metals are not present above the NYCRR Part 375 SCOs on the Site.

4.5.2 Groundwater

Groundwater samples were not collected on the Site during the previous investigations.

4.5.3 Vapor Intrusion

As described above, CHA collected an indoor air and sub-slab vapor sample at one location in the Site building in 2024 (Figure 4 and Table 2). Results from the investigation were evaluated based on the guidance outlined in the NYSDOH Center for Environmental Health *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* dated October 2006 last updated February 2024.

The indoor ambient air samples IA-03 and SS-03 collected during the May 2024 sampling event were found to contain concentrations of VOCs requiring resampling and/or mitigation. Sample parameters detected include; 2,2,4-trimethylpentane, benzene, ethylbenzene, heptane, n-hexane, o-xylene, p/m-xylene, toluene, and trichloroethene. Results from the soil vapor intrusion and indoor air sampling event are summarized in Table 2 and presented on Figure 4.

5.0 REMEDIAL INVESTIGATION

The primary RI activities were completed between April 14 and April 24, 2025 to further characterize Site media. Additional groundwater sampling (described in Section 5.5.3) was conducted June 26, 2025. Field activities were conducted in accordance with United States Environmental Protection Agency (USEPA) and NYSDEC protocols, the NYSDEC-approved *Remedial Investigation Work Plan* (RIWP), (CHA, April 2025), and the Site-Specific Health and Safety Plan (HASP). Based upon historical Site investigation activities, several data gaps were identified which required additional investigation. These include the following:

- Horizontal and vertical extent of contamination across the Site;
- Additional characterization of shallow subsurface and subsurface soils to more fully determine the extent of contamination at the Site;
- Site-wide characterization of groundwater contamination;

- Determination of groundwater flow direction and flow velocity; and
- Characterization of soils and groundwater for determination of off-site disposal requirements during Site preparation.

The specific field activities for investigating site wide soil and groundwater contamination that were completed as part of the site characterization are described in the following sections.

5.1 Membrane Interface Hydraulic Profiling Tool Evaluation

April 14th through April 17, 2025, CHA retained and oversaw Cascade Remediation Services, LLC (Cascade) as they conducted a membrane interface probe and hydraulic profiling tool (MIHPT) survey to evaluate the vertical and horizontal extent of contamination across the Site.

The evaluation focused on the areas where previous subsurface impacts were identified. This methodology utilized a low-level membrane interface probe (MIP) on a direct push technology drilling rig to measure organic contamination in the unsaturated and saturated zone. The maximum depth evaluated was 25 feet bgs in the locations identified on Figure 5.

It was anticipated that up to 20 locations would be evaluated, however only 18 were accessible given an obstruction observed along the south side of the former canopy, near the anticipated 19th and 20th locations. In accordance with DER-10, concurrent subsurface soil samples were collected for laboratory analysis at a rate of 10% and are discussed further in Section 5.3. A complete copy of the MIHPT report is included in Appendix A.

During the course of this investigation CHA recorded daily observations for the work conducted and the observation logs are included in Appendix B. CHA also monitored community air downwind of the intrusive activities per the Community Air Monitoring Program (CAMP). Data was submitted to NYSDEC and NYSDOH daily and is therefore not included in this report.

5.2 Shallow Subsurface Soil

Shallow subsurface soil was sampled at the locations identified on Figure 6 to evaluate areas where data gaps were identified. In accordance with the RIWP, samples were collected from the 1-2 foot and 4-5 foot bgs interval at two soil boring locations using a Geoprobe®.

The soil samples from each location were collected and submitted under proper chain of custody to an environmental laboratory approval program (ELAP)-certified laboratory for the analysis of:

- Target Contaminant List (TCL) SVOCs via EPA Method 8270, including 1,4-Dioxane
- Target Analyte List (TAL) Metals via EPA Method 6010/7471

Additionally, the 1-2 foot samples were also submitted for analysis of per- and polyfluoroalkyl substances (PFAS) via EPA Method 1633.

5.3 Subsurface Soil

As described in Section 5.1, subsurface soil samples were collected at a frequency of 1 for every 10 MIHPT locations at the following intervals:

1. The interval exhibiting field evidence of contamination utilizing MIP and/or a photo ionization detector (PID), or the two-foot interval above the water table in the event field evidence of contamination is not observed.

2. The interval directly beneath where field evidence of contamination is no longer present.

The soil samples were submitted under proper chain of custody to an ELAP-certified laboratory for analysis of TCL VOCs via EPA Method 8260/5035 including Tentatively Identified Compounds (TICs). Locations of the subsurface samples are shown in Figure 6.

Additionally, the sample collected from the interval exhibiting field evidence of contamination or the two foot interval directly above the water table was analyzed for:

- PFAS via EPA Method 1633
- 1,4-Dioxane via EPA Method 8270SIM

A summary of the soil sample results are included in Table 3 and Figure 6, and the results are discussed in Section 6 of this report. Soil boring logs for shallow and subsurface soil samples are included in Appendix C.

5.4 Floor Trench Sediment/Sludge

During the site reconnaissance for the Phase I Environmental Site Assessment, a floor trench with a noticeable petroleum sheen and odor was identified in the garage of the former gasoline service station. One sludge sample from the floor trench was collected and analyzed for TCL VOCs via EPA Method 8260 and TCL SVOCs via EPA Method 8270.

5.5 Groundwater

To evaluate potential contamination in the on-Site groundwater, four permanent, flush-mount groundwater monitoring wells were installed in the locations identified on Figure 7 per the RIWP.

5.5.1 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 16-feet bgs, therefore, the monitoring well screens were set from 15 ft bgs to 25 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 D.

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.

5.5.2 Groundwater Sample Collection

Upon completion of development, monitoring wells MW-103 recharged for 3 days, MW-101 and MW-102 recharged for 2 days and MW-104 was allowed to recharge for 24 hours prior to sampling. On April 24, 2025, an oil water interface probe was utilized to evaluate the depth to free product, if any, and the depth to groundwater prior to purging and sampling. The oil water interface probe did not indicate the presence of free product in the monitoring wells. The depth to groundwater is provided in Table 4 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 5. Following stabilization, a groundwater sample was collected and submitted to Pace Analytical for the following parameters:

- TCL VOCs via EPA Method 8260 +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

In accordance with the RIWP, select samples representative of the Site were analyzed for:

- Pesticides via USEPA Method 8081;
- Per- and polyfluoroalkyl substances (PFAS); and
- 1,4-Dioxane.

5.5.3 Deviations from the RIWP

Due to field conditions and laboratory reporting errors, there were three primary deviations from the RIWP. The first deviation consisted of the installation of an additional groundwater monitoring well to further evaluate groundwater conditions between MIP-112 and MIP-113 where PID readings were the most elevated and free product was observed. NYSDEC approved of the additional groundwater monitoring well in an email dated April 21, 2025.

The groundwater monitoring well was installed, constructed, and developed in the same manner as the other wells, and was purged prior to sampling. One sample was collected from this location for analysis of:

- TCL VOCs via EPA Method 8260, and
- TCL SVOCs via EPA Method 8270.

The second deviation was the resampling of the groundwater monitoring wells for SVOCs. As detailed within the laboratory report, the sample recoveries were outside of their individual acceptance criteria for several parameters which resulted in re-extraction outside of hold time. Reported results varied greatly, therefore the laboratory conducted an additional round of sampling and analysis for SVOCs.

The third deviation was moving SOL-104 from the northern area of the Site to the MIP-113. During the field investigation there was no evidence of contamination observed in the northern portion of the Site, however contamination was observed near MIP-113. Therefore a field decision was made to move the sample location to more accurately reflect the limits of contamination. This was summarized in an email to NYSDEC on April 21, 2025.

5.6 Sub-Slab Vapor/Ambient Air/Soil Vapor

As previously discussed, sub-slab vapor and ambient air sampling within the building on the Site has been conducted previously and the data is presented on Figure 4. Tight shallow subsurface soils prevented sufficient air flow to collect soil vapor samples across the parking lot areas of the

Site, so soil vapor was unable to be evaluated.

The Site structures will be demolished during redevelopment of the property. Newly constructed buildings will be equipped with a passive sub-slab depressurization system (SSDS), at a minimum.

5.7 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.

5.8 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, including one soil sample (SOIL-WC-1) and one water sample (WATER-WC-1) were collected from the containerized waste cuttings and water, respectively. Composite and grab (VOCs only) waste characterization samples were collected with disposable equipment (e.g., clean nitrile gloves, bailer) and were submitted to Pace for analysis in accordance with the RIWP.

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.

Groundwater waste characterization samples were analyzed for:

- TCL VOCs via EPA Method 8260C;
- TCL SVOCs via EPA Method 8270D;
- Metals via ICP Method 6010C; and
- PCBs via EPA Method 8082A

5.9 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 15 feet.

6.0 REMEDIAL INVESTIGATION RESULTS

6.1 Site Stratigraphy

Field observations indicate the typical stratigraphy at the Site consists of urban fill underlain by at least 25-feet of silty clay intersected by an approximately 5 foot layer of sand and gravel present roughly 15-ft bgs. The silty clay may act as confining layers which impede the vertical transport of contamination. A Stratigraphic Cross Section map of the Site is provided in Figure 8.

6.2 Groundwater Flow Direction

Groundwater was measured at depths ranging from 15 to 17 ft bgs using a Solinst oil-water interface water level meter. Groundwater level measurements from each monitoring well are provided on Table 4.

Groundwater elevation across the Site is relatively similar, varying less than 0.1-inches, therefore a contour map was not prepared. Groundwater flow direction can be inferred from regional flows as being toward the northwest and Onondaga Creek. Monitoring well elevations and groundwater elevations are shown in Table 4 and the inferred groundwater flow direction is shown in Figure 7.

6.3 MIP Screening

To more accurately define the horizontal and vertical extents of contamination the MIHPT technology was utilized across the Site in the locations shown on Figure 5. During the investigation, evidence of petroleum based contamination, indicated by significantly high PID and FID readings, was identified at locations MIP-105, MIP-107, MIP-110, MIP-111, MIP-112, MIP-113, and MIP-115. Contamination ranges from a depth of 6-ft bgs to 12-ft bgs and is more highly concentrated along the western side near the former fuel island. The approximate limits of contamination are shown on Figure 5 and the results of the investigation are included in Appendix A.

6.4 Subsurface Soil

The subsurface soil sample results are summarized in Table 3 and soil boring locations are shown on Figure 6. Complete laboratory analytical reports are provided in Appendix E.

6.4.1 Field Observations

During soil boring activities, soil was screened with a handheld PID. Elevated PID readings were observed at two locations:

- In boring location SOIL-103 - elevated PID readings greater than 500 ppm were observed at depths of eight to ten ft. bgs and 12 to 15 ft. bgs. Free product was observed on the soil at this location.
- In boring location SOIL-104, elevated PID readings greater than 900 ppm were observed at depths of six to seven ft. bgs and elevated PID readings greater than 1,000 ppm were

observed at depths of eight to ten ft. bgs. Free product was observed on the soil at this location.

6.4.2 Analytical Results

The soil samples collected as part of the RI confirmed the presence of VOCs and SVOCs at concentrations exceeding their respective Part 375 Restricted Residential SCOs and Protection of Groundwater SCOs, particularly in the vicinity of the former gasoline pump station near the western portion of the Site.

6.4.2.1 VOC Results

VOCs were detected above Part 375 Restricted Residential Use SCOs and the Protection of Groundwater SCOs in one of the eight samples collected from the soil borings. Specifically, the contaminants benzene, ethylbenzene, and toluene were detected above both SCOs at location SOIL-103 and above the Protection of Groundwater SCOs at SOIL-104.

- SOIL-103
 - Benzene: 170 milligrams per kilogram (mg/kg)
 - Ethylbenzene: 480 mg/kg
 - Toluene: 1,300 mg/kg
- SOIL-104
 - Benzene: 0.24 mg/kg
 - Ethylbenzene: 2.3 mg/kg
 - Toluene: 5.8 mg/kg

6.4.2.2 SVOC Results

Low-level concentrations of SVOCs were detected above their Part 375 Restricted Residential Use SCOs in one of eight soil samples collected and there were no detections above the Protection of Groundwater SCOs. Specifically, the parameters benzo(b)fluoranthene mg/kg and indeno(1,2,3-cd)pyrene were detected at 1.3 mg/kg and 0.69 mg/kg, respectively, at location SOIL-102.

6.4.2.3 PFAS and Metals

PFAS and metals were detected in the samples collected. However, none of the concentrations exceeded their respective Part 375 Restricted Residential Use SCOs, nor the Protection of Groundwater SCOs.

6.5 Floor Trench Sample

The analytical results for the floor trench sample were compared to Restricted Residential Use SCOs and the Protection of Groundwater SCOs. The analytical results are presented in Table 6. The laboratory analytical reports are available in Appendix E. The results from the floor trench indicate that VOC parameter Benzene was detected above its respective Protection of Groundwater SCO at 0.094 mg/kg and SVOCs were not detected.

6.6 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 7. The monitoring well locations are depicted on Figure 7. The laboratory analytical

reports are available in Appendix E. The results from the groundwater monitoring are summarized below. Monitoring well sampling logs are included in Appendix F.

MW-101

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

- No VOCs, SVOCs, 1,4-dioxane, or PCBs were detected above their respective water quality standards.
- The following PFAS compounds were detected above their respective water quality standards:
 - Perfluorooctanoic Acid (PFOA) at 0.0602 µg/L, and
 - Perfluorooctanesulfonic Acid (PFOS) at 0.0028 µg/L. This compound was F qualified which means that the ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria and results are considered to be an estimated maximum concentration.
- Metals detected above their respective water quality standard are:
 - Iron at 377 µg/L,
 - Magnesium at 35,700 µg/L, and
 - Sodium at 404,000 µg/L.

MW-102

This permanent groundwater monitoring well was installed in the northwestern portion of the Site, and is considered the downgradient monitoring well.

- No VOCs, SVOCs, 1,4-dioxane, PFAS or PCBs were detected above their respective water quality standards.
- Metals detected above their respective water quality standard are:
 - Iron at 373 µg/L, and
 - Sodium at 411,000 µg/L.

MW-103

This permanent groundwater monitoring well was installed in the northern portion of the Site, which is considered the cross gradient monitoring well.

- The VOC trichloroethene was detected above its respective water quality standard at 6.4 µg/L.
- SVOCs, 1,4-dioxane, and PCBs were not detected above their respective water quality standards.
- Metals detected above their respective water quality standard are:
 - Iron at 624 µg/L, and
 - Sodium at 398,000 µg/L.

MW-104

This permanent groundwater monitoring well was installed near the former gasoline pump island in an area where PID readings were the most elevated and free product was observed during the field work. The purpose of this monitoring well is to assess groundwater quality within the targeted area of concern. Only VOCs and SVOCs were sampled and analyzed for in this well.

- VOCs detected above their respective water quality standard include:
 - Benzene at 34 µg/L,
 - Toluene at 96 µg/L,
 - Ethylbenzene at 14 µg/L,
 - Trichloroethene at 22 µg/L, and
 - Total xylenes at 83 µg/L.
- SVOCs were not detected above their respective water quality standards.

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 and to support the required third-party data usability evaluation. Site specific QA/QC samples included duplicates, equipment blanks, field blanks, and 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. Two 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. 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-102_4-5 and CHA-2 is the blind duplicate collected from SOIL-103_16-18. 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-1-20250424 is the blind duplicate sample for groundwater sample MW-101-20250424. The majority of RPDs between MW-101-20250424 and CHA-1-20250424 were below 20% with the exceptions of acetone at 24% and perfluorononanoic acid (PFNA) at 37%.

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.

Results from the equipment blank sample 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.

7.1.4 Matrix Spike/Matrix Spike Duplicate Samples

A matrix spike/ matrix spike duplicate (MS/MSD) sample is used by the laboratory to check the accuracy of their instruments. Two 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. 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 groundwater samples collected during the April 2025 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:

- The volatile results for m/p-xylene in samples CHA-2 and SOIL-WC-1 were quantitated using the data that were extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The results for m/p-xylene marked “E” in the undiluted samples were qualified as estimated (J).
- The volatile results for toluene in samples CHA-2 was quantitated using the data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The results for toluene marked “E” in the undiluted samples were qualified as estimated (J).
- The positive volatile results for five compounds were qualified as “estimated, biased low” (J-) for sample SOIL-104_8-10 because of the two of two percent recoveries for those five compounds we below QC limits, but not below 10% in the soil MS/MSD sample.
- The “not detected” volatile results for nine compounds were qualified as “estimated” (UJ) for sample SOIL-104_8-10 because the two of two percent recoveries for these nine compounds were below the QC limits, but not below ten percent in the soil MS/MSD sample.
- Positive volatile results for acetone were qualified as “not detected” (U) for samples MW-101-20250424, CHA-1-20250424, MW-102020250424, MW-104-20250424 and WATER-WC-1 because the level reported in the samples were not significantly greater than the highest associated blank level which is more than ten times.
- The “not detected” volatile result for methyl cyclohexane was qualified as “estimated” (UJ) for sample MW-102-20250424 because the one of two percent recoveries for methyl

cyclohexane was below QC limits, but not below 30 percent in the aqueous MS/MSD sample.

- The positive volatile result for acetone was qualified as estimated (J) for sample EQ-BLANK-20250424 because the percent difference for acetone was above the allowable maximum for the associated continuing calibration verification sample.
- The positive volatile results for eight compounds were qualified as estimated (J) for samples SOIL-103_16-18 and CHA-2 because of the relative percent differences for these eight compounds were above the allowable maximum for the soil field duplicate pair SOIL-103_16-18 and CHA-2.
- The “not detected” semi-volatile results for hexachlorocyclopentadiene and 4-chloroaniline were qualified as “estimated” (UJ) for samples SOIL-102_1-2, SOIL-102_4-5, CHA-1 and SOIL-101_1-2 because the one of two percent recoveries for hexachlorocyclopentadiene and 4-chloroaniline were below QC limits, but not below 10% in the associated soil LCS/LCSD.
- The “not detected” semi-volatile results for 4-chloroaniline was qualified as “estimated” (UJ) for sample SOIL-104_4-5 because the one of two percent recoveries for 4-chloroaniline was below QC limits, but not below 10% in the associated soil LCS/LCSD.
- The “not detected” semi-volatile results for 2,4-dinitrotoluene, 2,6-dinitrotoluene and 2-nitrophenol were qualified as “estimated” (UJ) for sample SOIL-101_4-5 because the one of two percent recoveries for 2,4-dinitrotoluene, 2,6-dinitrotoluene and 2-nitrophenol were below QC limits, but not below 10% in the soil MS/MSD sample.
- The “not detected” semi-volatile results for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were qualified as “rejected, usable” (R) for sample SOIL-101_4-5 because the two of two percent recoveries for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were below QC limits and below 10% in the soil MS/MSD sample.
- The positive PCB result for aroclor 1242 was qualified as “estimated, biased high” (J+) for sample WATER-WC-1 because the relative percent difference for dual column quantitation of aroclor 1242 was above the allowable maximum, but not above 70 percent and the result was reported.
- The positive PFAS result for PFOA was qualified as “not detected” (U) at the reporting limits for sample SOIL-102_1-2 because the sample was associated with a blank containing PFOA and reported concentration for PFOA was below the reporting limits.
- The positive PFAS result for PFOS was qualified as “not detected” (U) at the reporting limits for sample MW-101-20250424 because the sample was associated with a blank containing PFOS and reported concentration for PFOS was below the reporting limits.
- The PFAS results for PFOS were qualified as “estimated, biased high” (J+) for samples MW-101-20250424, CHA-1-20250424 and MW-103-20250424 because the results for PFOS were above the reporting limits but not greater than tens times the associated blank levels.
- The positive metal results for cadmium, lead, manganese and zinc were qualified as estimated (J) for samples SOIL-102_4-5 and CHA-1 because the relative percent difference for cadmium, lead, manganese and zinc were above the allowable maximum for the soil field duplicate pair SOIL-102_4-5 and CHA-1.

- The “not detected” metal results for antimony and selenium were qualified as estimated (UJ) for all four soil samples and the field duplicate because one of two percent recoveries for antimony and selenium were below control limits, but not below ten percent in the associated MS/MSD sample.
- Positive metal results for copper and iron were qualified as “not detected” (U) for all four aqueous samples and the field duplicate because the level reported in the samples were not significantly greater than the associated blank level which is more than five times.

A second DUSR was prepared and issued after the monitoring wells were re-sampled for SVOCs on June 26, 2025. The DUSR indicates that the data is mostly acceptable with some issues which are summarized as follows:

- The not detected semi-volatile results for hexachlorobutadiene were qualified as estimated for all four groundwater samples and field duplicates because the one of two percent recoveries for hexachlorobutadiene was below the quality control limits, but not below 30% in the associated aqueous laboratory control sample/ laboratory control sample duplicate.

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

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 garage portion of the building. Waste characterization samples were collected and analyzed by Pace. Analytical results are provided in Tables 9 and 10 for soil and groundwater waste characterization, respectively. Soil and water results were compared to 6NYCRR Part 371 Identification and Listing of Hazardous Wastes. Soil and water derived from the investigation activities on Site was determined to be non-hazardous. 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, one primary AOC has been identified. Soil, soil vapor, and groundwater are impacted within this AOC.

8.1.1 Site-Wide Soil

As previously stated, the impact of VOC concentrations in subsurface soils is primarily located near the former fueling station pump island. VOCs were detected in subsurface soil at concentrations exceeding the Part 375 Restricted Residential SCOs and Protection of Groundwater SCOs. The contamination appears to be centralized around MIP-112 as indicated on Figure 5. The soil sample collected from the 16 to 18-ft interval at location SOIL-103 further confirms the presence of BTEX contamination at this location.

Utilizing this information in conjunction with the stratigraphy of the Site (Figure 8), it can be inferred that contamination is mostly located within the silty clay layer which sits above the sand and gravel. In locations such as MIP-111, MIP-112, and MIP-113 where levels of contamination were the most elevated, contamination appears to have migrated into the sand and gravel layer.

The presence of a confining layer, consisting of silts and clays, beneath the urban fill at approximately 1 to 12 ft bgs and again present beneath a sand and gravel unit, at varying depths but approximately 15 to 25 ft bgs, has prevented the downward migration of contamination to the deeper silty clay units. This is confirmed by the samples collected at sample location SOIL-103. Analytical results indicate that the sample collected at SOIL-103_16-18 had BTEX hits, this sample was collected at the top of the second confining layer at 16 ft to 18ft bgs and sample SOIL-103_23-25 was collected 23ft to 25ft bgs. The silty clay layer was relatively uniform across the Site and has most likely prevented contamination from breaching deeper into the confining layer.

8.1.2 Site Wide Groundwater

The groundwater samples collected as part of this RI confirmed the presence of VOC contamination in one of the four groundwater monitoring well locations. Specifically, elevated levels of BTEX were observed at MW-104 above TOGS 1.1.1 Class GA Ambient Water Quality Standards. There were no detections of these compounds in any of the upgradient or downgradient locations. It can therefore be inferred that contamination within the groundwater is not widespread but rather, localized to the area where soil contamination is also observed at its highest.

8.1.3 Soil Vapor

As described in Section 4.5.1.3 above, contamination was observed within soil vapor samples collected inside of the structure. 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 9 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.
- The presence of two silty clay layers (beneath the fill material and at a depth of approximately 18 to 25 ft bgs) which have a lower hydraulic conductivity, have acted as a confining layer to impede the migration of contamination.
- Subsurface soils are impacted with VOCs exceeding the Part 375 Restricted Residential SCOs and Protection of Groundwater SCOs in the approximate location of the former fueling station near the western portion of the Site during each of the subsurface investigations.
- VOCs were detected at concentrations exceeding the TOGS 1.1.1 Class GA Ambient Water Quality Standards in the Site's groundwater in one groundwater monitoring well. BTEX compounds were not detected in any of the other Site monitoring wells.
- One AOC was identified near the center of the site, west of the former fuel island and soil and groundwater impacts are present.

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 groundwater contamination for the AOC 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

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- LCS Inc. Environmental and Real Estate Consultants. (2016). ASTM E1528 Transaction Screen, Environmental Site Assessment Report for the Property Identified as: Vacant Commercial Building, 701–703 East Fayette Street, Syracuse, NY.*
- LCS Inc. Environmental and Real Estate Consultants. (2016). Geophysical Survey and Limited and Focused Subsurface Soil Investigation Report for the Property Identified as: Vacant Commercial Building, 701–703 East Fayette Street, Syracuse, NY.*
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TABLES

Table 1.
Syracuse Gateway Apartments
701 East Fayette Street
Summary of Historical Soil Analytical Data

	NY-RESRR	Units	LCS Phase II - 8/31/2016				
			BH3	BH5	BH8	BH12	BH13
Volatile Organic Compounds			8-10 ft bgs	10-12 ft bgs	2-4 ft bgs	8-12 ft bgs	8-10 ft bgs
Cyclohexane	NL	ug/kg	1,640	36,900	568	322	8,110
Methyl Cyclohexane	NL	ug/kg	6,240	113,000	4,550	1,290	31,500
Benzene	4,800	ug/kg	334 J	7,670	426	279	8,460
Toluene	100,000	ug/kg	7,770	346,000	162 J	827 J	83,400
Ethylbenzene	41,000	ug/kg	5,600	134,000	2,150	3,310	40,100
m,p-Xylene	NL	ug/kg	25,300	659,000	3,180	13,700	168,000
o-Xylene	NL	ug/kg	9,630	231,000	269	6,630	64,300
Total Xylenes	NL	ug/kg	34,930	890,000	3,449	20,330	232,300
Styrene	NL	ug/kg	<117	<442	<43.5	68.9 J	<421
Isopropylbenzene	NL	ug/kg	1490 J	22,900	3,070	588 J	7,200 J
1,2-Dichlorobenzene	100,000	ug/kg	<153	<551	<56.8	255	<549
n-Propylbenzene	100,000	ug/kg	4,150	62,100	6,670	2,310	19,900
Sec-Butylbenzene	100,000	ug/kg	1,320	8,690	1,140	398	2,770
p-Isopropyltoluene	NL	ug/kg	1,250	4,990	544	327	1,790 J
Tert-Butylbenzene	100,000	ug/kg	199 J	1,270 J	117 J	<36.7	<371
1,2,4-Trimethylbenzene	52,000	ug/kg	31,100	347,000	22,700	20,300	129,000
1,3,5-Trimethylbenzene	52,000	ug/kg	9,980	119,000	5,610	5,560	38,500
n-Butylbenzene	100,000	ug/kg	2,230	19,100	1,830	1,140	6,230
Naphthalene	100,000	ug/kg	5,350	55,100	978	9,480	21,900

ug/kg = micrograms per kilogram

ft. bgs = feet below ground surface

NL = Not Listed

J = Indicates an estimated value

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR

Highlights exceed the Resticted Residential Guidance Values



Table 1.
Syracuse Gateway Apartments
701 East Fayette Street
Summary of Historical Soil Analytical Data

	NY-RESRR	Units	LCS Phase II - 8/31/2016				
			BH3	BH5	BH8	BH12	BH13
Seimvolatile Organic Compounds			8-10 ft bgs	10-12 ft bgs	2-4 ft bgs	8-12 ft bgs	8-10 ft bgs
Naphthalene	100,000	ug/kg	1,690	2,860	530	2,330	2,920
Acenaphthylene	100,000	ug/kg	40.5 J	<9.023	<81.3	<90.4	<9.01
Acenaphthene	100,000	ug/kg	26.4 J	11.9 J	<79.8	96.5 J	15.6 J
Fluorene	100,000	ug/kg	50.3	<8.64	128 J	170 J	<8.62
Phenanthrene	100,000	ug/kg	154	14.7 J	628	682	15 J
Anthracene	100,000	ug/kg	49	<8.75	255 J	190 J	<8.73
Fluoranthene	100,000	ug/kg	68.6	10.4	11,310	697	12.7 J
Pyrene	100,000	ug/kg	121	10.9 J	1,550	761	13.3 J
Benzo(a)anthracene	1,000	ug/kg	28 J	5.53 J	623	322 J	7.92 J
Chrysene	3,900	ug/kg	25.6 J	<9.44	638	316 J	<9.42
Benzo(b)fluoranthene	1,000	ug/kg	24.6 J	<8.35	786	347 J	<8.34
Benzo(k)fluoranthene	39,000	ug/kg	14.9 J	<6.08	332 J	149 J	<6.07
Benzo(a)pyrene	1,000	ug/kg	15.7 J	<6.03	660	300 J	6.4 J
Indeno (1,2,3-cd) pyrene	500	ug/kg	8.82 J	<6.74	379	183 J	<6.73
Dibenzo(a,h)anthracene	330	ug/kg	<7.31	<7.1	137 J	<71.1	<7.09
Benzo(g,h,i)perylene	100,000	ug/kg	22.8 J	<8.67	558	236 J	<8.65

ug/kg = micrograms per kilogram

ft. bgs = feet below ground surface

J = Indicates an estimated value

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR



Table 1.
Syracuse Gateway Apartments
701 East Fayette Street
Summary of Historical Soil Analytical Data

LOCATION	SOIL-001-20240201	SOIL-002-20240201	SOIL-003-20240201	SOIL-004-20240201	SOIL-006-20240201	SOIL-007-20240201
SAMPLING DATE	2/1/2024	2/1/2024	2/1/2024	2/1/2024	2/1/2024	2/1/2024
SAMPLE TYPE	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMPLE DEPTH (ft.)	9.5' - 10.5'	11' - 12'	7' - 8'	10' - 11'	9' - 10'	6' - 8'
NY-RESRR Units	Results	Results	Results	Results	Results	Results
General Chemistry						
Solids, Total	%	84.1	80.8	82.2	80.4	82
Volatile Organics by GC/MS						
Acetone	100 mg/kg	0.0099 U	0.014	0.012 U	0.011 U	6.5 U
Benzene	4.8 mg/kg	0.0005 U	0.00059 U	0.00059 U	0.00056 U	4.7 U
Bromomethane	NL mg/kg	0.002 U	0.0024 U	0.0024 U	0.0022 U	1.3 U
Cyclohexane	NL mg/kg	0.0099 U	0.012 U	0.012 U	0.011 U	170 U
Ethylbenzene	1 mg/kg	0.00099 U	0.0023	0.0012 U	0.0011 U	220
Isopropylbenzene	NL mg/kg	0.00099 U	0.03	0.0012 U	0.0011 U	39 U
Methyl cyclohexane	NL mg/kg	0.004 U	0.0014 J	0.0047 U	0.0044 U	180 U
o-Xylene	NL mg/kg	0.00099 U	0.00087 J	0.0012 U	0.0011 U	310 U
p/m-Xylene	NL mg/kg	0.002 U	0.0024 U	0.0024 U	0.0022 U	920 U
Total Xylenes	100 mg/kg	0.0029	0.00327	0.0036	0.0033	1230
Styrene	NL mg/kg	0.00099 U	0.0012 U	0.0012 U	0.0011 U	0.91 U
Tetrachloroethene	19 mg/kg	0.00037 J	0.00059 U	0.00059 U	0.00056 U	0.32 U
Toluene	100 mg/kg	0.00099 U	0.0012 U	0.0012 U	0.0011 U	200
Semivolatile Organics by GC/MS						
2-Methylnaphthalene	NL mg/kg	0.23 U	0.24 U	0.24 U	0.24 U	32 E
Acenaphthene	100 mg/kg	0.15 U	0.16 U	0.16 U	0.16 U	0.055 J
Biphenyl	NL mg/kg	0.44 U	0.14 J	0.46 U	0.46 U	0.52 U
Bis(2-ethylhexyl)phthalate	NL mg/kg	0.19 U	0.27	0.2 U	0.2 U	0.2 U
Dibenzofuran	59 mg/kg	0.19 U	0.028 J	0.2 U	0.2 U	0.2 U
Fluoranthene	100 mg/kg	0.12 U	0.12 U	0.12 U	0.12 U	0.024 J
Fluorene	100 mg/kg	0.19 U	0.02 J	0.2 U	0.2 U	0.041 J
Naphthalene	100 mg/kg	0.19 U	0.2 U	0.2 U	0.2 U	28 U
Phenanthrene	100 mg/kg	0.12 U	0.12 U	0.12 U	0.12 U	0.061 J
Pyrene	100 mg/kg	0.12 U	0.12 U	0.12 U	0.12 U	0.026 J
Total Metals						
Arsenic, Total	16 mg/kg	1.28	2.17	4.09	1.16	3.08
Barium, Total	400 mg/kg	49.9	22.9	31	20.4	32.4
Cadmium, Total	4.3 mg/kg	0.46 U	0.481 U	0.091 J	0.484 U	0.151 J
Chromium, Total	NL mg/kg	8.8	9.26	12.3	8.08	10.2
Lead, Total	400 mg/kg	4.4	4.92	6.57	3.74	8.98
Mercury, Total	0.81 mg/kg	0.08 U	0.082 U	0.06 J	0.071 J	0.076 U
Selenium, Total	180 mg/kg	0.92 U	0.962 U	0.942 U	0.969 U	1.34

Samples were collected by CHA Consulting, Inc. On February 1, 2024 and analyzed by Alpha Analytical

NL = Not Listed

B - The analyte was detected above the reporting limit in the associated method blank.

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

J - Samples detected at a low, estimated concentration.

NY-RESRR: 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.

Highlights exceed the Restricted Residential Guidance Values



Table 2.
Syracuse Gateway Apartments
701 East Fayette Street
Summary of Historical Indoor Air and Sub-Slab Vapor Analytical Data (Detected Compounds Only)

LOCATION		IA-03		SS-03	
SAMPLING DATE		5/21/2024		5/21/2024	
SAMPLE TYPE		AIR		SOIL VAPOR	
Units		Results	Qual	Results	Qual
Volatile Organics in Air					
1,2,4-Trimethylbenzene	ug/m3	61.9		5.8	
1,3,5-Trimethylbenzene	ug/m3	15.8		1.36	
2,2,4-Trimethylpentane	ug/m3	37.1		4.44	
2-Butanone	ug/m3	9.5		10.1	
4-Ethyltoluene	ug/m3	9.44		1.47	
4-Methyl-2-pentanone	ug/m3	3.45		2.05	U
Acetone	ug/m3	192		173	
Benzene	ug/m3	13.5		14.7	
Carbon disulfide	ug/m3	0.623	U	1.73	
Chloromethane	ug/m3	1.25		0.413	U
Cyclohexane	ug/m3	16.6		7.78	
Dichlorodifluoromethane	ug/m3	2.41		2.4	
Ethanol	ug/m3	237		384	
Ethylbenzene	ug/m3	25.5		33.5	
Heptane	ug/m3	27		12.2	
Isopropanol	ug/m3	187		5.83	
Methylene chloride	ug/m3	1.74	U	2.82	
n-Hexane	ug/m3	62.4		15.7	
o-Xylene	ug/m3	37.4		29.4	
p/m-Xylene	ug/m3	90.8		128	
Styrene	ug/m3	0.852	U	2.28	
Tetrachloroethene	ug/m3	1.01		3.68	
Tetrahydrofuran	ug/m3	1.49		3.95	
Toluene	ug/m3	75.4		28.1	
Trichloroethene	ug/m3	1.9		1.07	U
Trichlorofluoromethane	ug/m3	1.74		1.33	
Volatile Organics in Air by SIM					
Carbon tetrachloride	ug/m3	0.503		-	-

Samples Collected by CHA Consulting and analyzed by Pace Analytical in 2024

NYSDOH Decision Matrices (rev. 2024) Indicators:

No Further Action

Monitor
Mitigate
Identify Sources/Resample



Table 3.
Syracuse Gateway Apartments
701 East Fayette Street
RI Summary of Soil Analytical Data (Detected Compounds Only)

LOCATION				SOIL-101 1-2	SOIL-101 4-5	SOIL-102 1-2	SOIL-102 4-5	SOIL-103 16-18	SOIL-103 23-25	SOIL-104 8-10	SOIL-104 18-20
LABORATORY SAMPLE ID				L2524225-04	L2524225-05	L2524225-01	L2524225-02	L2524225-06	L2524225-07	L2524225-09	L2524225-10
SAMPLING DATE				4/18/2025	4/18/2025	4/18/2025	4/18/2025	4/18/2025	4/18/2025	4/18/2025	4/18/2025
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMPLE DEPTH (ft.)				1'-2'	4'-5'	1'-2'	4'-5'	16'-18'	23'-25'	8'-10'	18'-20'
	Protection of Groundwater	Restricted Residential	Units	Results	Results	Results	Results	Results	Results	Results	Results
General Chemistry											
Solids, Total			%	82.7	84	94.5	84.2	84.2	87.5	83.6	87.5
Volatile Organics by EPA 5035											
Benzene	0.06	4.8	mg/kg	- -	- -	- -	- -	170 J	0.00048 U	0.24	0.00041 U
Chloroform	0.37	49	mg/kg	- -	- -	- -	- -	8.2 U	0.00015 J	0.086 U	0.00014 J
Cyclohexane			mg/kg	- -	- -	- -	- -	200 J	0.0097 U	1.7	0.0083 U
Ethylbenzene	1	41	mg/kg	- -	- -	- -	- -	480 J	0.00097 U	2.3 J-	0.00083 U
Isopropylbenzene			mg/kg	- -	- -	- -	- -	83 J	0.00097 U	0.3 J-	0.00083 U
Methyl cyclohexane			mg/kg	- -	- -	- -	- -	240 J	0.0039 U	1.3	0.0033 U
o-Xylene			mg/kg	- -	- -	- -	- -	790 J	0.00097 U	3.8 J-	0.00083 U
p/m-Xylene			mg/kg	- -	- -	- -	- -	2000 J	0.0019 U	10 J-	0.0016 U
Styrene			mg/kg	- -	- -	- -	- -	1.5 J	0.00097 U	0.057 U	0.00083 U
Toluene	0.7	100	mg/kg	- -	- -	- -	- -	1300 J	0.00097 U	5.8 J-	0.00083 U
Trichloroethene	0.47	21	mg/kg	- -	- -	- -	- -	2.7 U	0.013	0.029 U	0.0037
Total TIC Compounds			mg/kg	- -	- -	- -	1.89 J	4550 J	- -	26.3 J	- -
Perfluorinated Alkyl Acids by EPA 1633											
Perfluorooctanoic Acid (PFOA)	0.0008	0.033	mg/kg	0.000199 U	- -	0.000039 U	- -	0.000199 U	- -	0.0002 U	- -
Perfluorooctanesulfonic Acid (PFOS)	0.001	0.044	mg/kg	0.000199 U	- -	0.000127 J	- -	0.000199 U	- -	0.0002 U	- -
Semivolatile Organics by GC/MS											
Acenaphthene	98	100	mg/kg	0.16 U	0.16 U	1.4 U	0.13 J	- -	- -	- -	- -
Fluoranthene	1000	100	mg/kg	0.052 J	0.12 U	0.87 J	2 J	- -	- -	- -	- -
Naphthalene	12	100	mg/kg	0.2 U	0.2 U	1.7 U	0.062 J	- -	- -	- -	- -
Benzo(a)anthracene	1	1	mg/kg	0.028 J	0.12 U	0.41 J	0.96 J	- -	- -	- -	- -
Benzo(a)pyrene	22	1	mg/kg	0.16 U	0.16 U	0.53 J	1 J	- -	- -	- -	- -
Benzo(b)fluoranthene	2.1	1	mg/kg	0.12 U	0.12 U	0.72 J	1.3 J	- -	- -	- -	- -
Benzo(k)fluoranthene	2	3.9	mg/kg	0.12 U	0.12 U	1 U	0.44 J	- -	- -	- -	- -
Chrysene	1	3.9	mg/kg	0.027 J	0.12 U	0.44 J	0.94 J	- -	- -	- -	- -
Acenaphthylene	365	100	mg/kg	0.16 U	0.16 U	1.4 U	0.076 J	- -	- -	- -	- -
Anthracene	1000	100	mg/kg	0.12 U	0.12 U	1 U	0.33	- -	- -	- -	- -
Benzo(ghi)perylene	1000	100	mg/kg	0.16 U	0.16 U	0.52 J	0.68 J	- -	- -	- -	- -
Fluorene	386	100	mg/kg	0.2 U	0.2 U	1.7 U	0.11 J	- -	- -	- -	- -
Phenanthrene	1000	100	mg/kg	0.032 J	0.12 U	0.44 J	1.4 J	- -	- -	- -	- -
Dibenzo(a,h)anthracene	1000	0.33	mg/kg	0.12 U	0.12 U	1 U	0.16 J	- -	- -	- -	- -
Indeno(1,2,3-cd)pyrene	6.6	0.5	mg/kg	0.16 U	0.16 U	0.45 J	0.69 J	- -	- -	- -	- -
Pyrene	1000	100	mg/kg	0.051 J	0.12 U	0.95 J	1.7 J	- -	- -	- -	- -
Dibenzofuran	110	59	mg/kg	0.2 U	0.2 U	1.7 U	0.075 J	- -	- -	- -	- -
2-Methylnaphthalene			mg/kg	0.24 U	0.24 U	2.1 U	0.034 J	- -	- -	- -	- -
2-Methylphenol		100	mg/kg	0.2 U	0.2 U	1.7 U	0.2 U	- -	- -	- -	- -
3-Methylphenol/4-Methylphenol		100	mg/kg	0.28 U	0.28 U	2.5 U	0.28 U	- -	- -	- -	- -
Carbazole			mg/kg	0.2 U	0.2 U	1.7 U	0.17 J	- -	- -	- -	- -



Table 3.
Syracuse Gateway Apartments
701 East Fayette Street
RI Summary of Soil Analytical Data (Detected Compounds Only)

LOCATION				SOIL-101 1-2	SOIL-101 4-5	SOIL-102 1-2	SOIL-102 4-5	SOIL-103 16-18	SOIL-103 23-25	SOIL-104 8-10	SOIL-104 18-20
LABORATORY SAMPLE ID				L2524225-04	L2524225-05	L2524225-01	L2524225-02	L2524225-06	L2524225-07	L2524225-09	L2524225-10
SAMPLING DATE				4/18/2025	4/18/2025	4/18/2025	4/18/2025	4/18/2025	4/18/2025	4/18/2025	4/18/2025
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMPLE DEPTH (ft.)				1'-2'	4'-5'	1'-2'	4'-5'	16'-18'	23'-25'	8'-10'	18'-20'
	Protection of Groundwater	Restricted Residential	Units	Results	Results	Results	Results	Results	Results	Results	Results
Total Metals											
Aluminum, Total			mg/kg	10100	11800	1440	7150	- -	- -	- -	- -
Arsenic, Total	16	16	mg/kg	4.4	5.57	7.97 U	11	- -	- -	- -	- -
Barium, Total	820	400	mg/kg	93.8	51.8	36.7	207	- -	- -	- -	- -
Beryllium, Total	47	72	mg/kg	0.438 J	0.593	3.98 U	0.443 J	- -	- -	- -	- -
Cadmium, Total	7.5	4.3	mg/kg	0.228 J	0.221 J	7.97 U	0.31 J	- -	- -	- -	- -
Calcium, Total			mg/kg	45700	3650	271000	73200	- -	- -	- -	- -
Chromium, Total			mg/kg	15.7	16.2	7.97 U	11.1	- -	- -	- -	- -
Cobalt, Total			mg/kg	8.29	11.4	5.18 J	5.54	- -	- -	- -	- -
Copper, Total	1720	270	mg/kg	20.2	21.6	10.8	49.5	- -	- -	- -	- -
Iron, Total			mg/kg	17000	19900	5620	12800	- -	- -	- -	- -
Lead, Total	450	400	mg/kg	87	10.7	40.2	37.2	- -	- -	- -	- -
Magnesium, Total			mg/kg	8920	4900	19000	11600	- -	- -	- -	- -
Manganese, Total	2000	2000	mg/kg	326	210	318	249	- -	- -	- -	- -
Mercury, Total	0.73	0.81	mg/kg	0.209	0.094 U	0.079 U	0.802	- -	- -	- -	- -
Nickel, Total	130	310	mg/kg	20.7	26.4	16.9 J	22.9	- -	- -	- -	- -
Potassium, Total			mg/kg	765	609	1990 U	740	- -	- -	- -	- -
Sodium, Total			mg/kg	865	334	1590 U	760	- -	- -	- -	- -
Vanadium, Total			mg/kg	18.1	18	7.79 J	15.6	- -	- -	- -	- -
Zinc, Total	2480	10000	mg/kg	68.1	49.2	36.5 J	390	- -	- -	- -	- -

Soil samples were collected CHA Consulting Inc. on April 18, 2025 and analyzed by Pace Analytical
(-) Compounds not analyzed for the listed compound
(J) Result is a a low, estimated concentration
(U) Not detected at the reported detection limit for the sample.
NY-TAGM-GS: New York TAGM Soil Cleanup (protect GW) current as of 1/2007.
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.

Bold exceeds the Protection of Groundwater SCOs

Highlights exceed the Restricted Residential SCOs



Table 4.
 Syracuse Gateway Apartments
 701 East Fayette Street
 Groundwater Elevations - April 24, 2025

Well No.	Screen interval (ft. bgs)	TOR Elevation (ft)	Groundwater Level	
			DTGW from TOR (ft)	GW Elevation (ft)
MW-101	15-25	402.08	15.79	386.29
MW-102	15-25	401.66	15.33	386.33
MW-103	15-25	403.3	16.91	386.39
MW-104	15-25	402.36	15.98	386.38



Table 5.
Syracuse Gateway Apartments
701 East Fayette Street
Field Water Quality Parameters
April 24, 2025

Well ID	Method of Purging	Time	ORP/EH (mV)	pH	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (° C)
MW-101	Submerisble Pump	9:00	127	7.43	2.76	>1000	2.63	14.16
		9:03	112	7.46	2.78	470	2.46	14.18
		9:07	96	7.47	2.79	238	1.57	14.22
		9:10	84	7.48	2.80	174	1.49	14.22
		9:13	78	7.48	2.80	116	1.45	14.31
		9:16	73	7.48	2.81	86.2	1.43	14.29
		9:19	68	7.51	2.83	64.7	1.47	14.30
		9:22	65	7.50	2.81	48.4	1.49	14.27
		9:25	63	7.51	2.81	41.4	1.55	14.21
		9:28	62	7.52	2.81	39.0	1.73	14.17
		9:31	60	7.52	2.80	38.1	1.77	14.14
		9:34	60	7.53	2.81	42.7	1.68	14.14
MW-102	Submerisble Pump	12:12	147	7.38	2.47	>1000	4.39	15.37
		12:15	137	7.46	2.50	503	4.29	14.45
		12:18	132	7.48	2.50	118	4.11	14.28
		12:21	127	7.49	2.50	48.5	4.05	14.29
		12:24	122	7.50	2.52	59	3.95	14.24
		12:27	118	7.50	2.53	68.4	3.86	14.27
		12:30	115	7.51	2.52	61.2	3.94	14.23
		12:33	111	7.51	2.53	81.2	3.82	14.22
		12:38	121	7.51	2.57	85.3	3.74	14.26
		12:42	110	7.51	2.53	66.4	3.80	14.13
		12:45	110	7.52	2.52	67.9	3.65	14.23
		12:48	109	7.52	2.56	82.9	3.59	14.30
		12:52	109	7.51	2.56	81.8	3.38	14.41
		12:55	109	7.51	2.55	58.5	3.36	14.48
		12:58	109	7.51	2.53	41	3.49	14.36
		13:01	109	7.52	2.53	27.8	3.44	14.42
MW-103	Submerisble Pump	10:36	147	7.44	2.32	>1000	3.16	14.72
		10:40	146	7.48	2.43	288	2.39	14.72
		10:43	145	7.50	2.48	160	2.19	14.76
		10:46	145	7.49	2.50	81.8	2.04	14.80
		10:50	144	7.50	2.53	55.3	1.92	14.72
		10:53	144	7.50	2.53	40.3	1.93	14.71
		10:56	144	7.49	2.53	29.4	1.89	17.70
MW-104	Submerisble Pump	14:15	127	7.49	2.92	>1000	3.59	14.57
		14:20	121	7.53	2.90	703	3.7	14.37
		14:23	118	7.52	2.90	281	3.56	14.42
		14:26	116	7.52	2.90	131	3.49	14.43
		14:29	114	7.50	2.89	70.8	3.52	14.32
		14:32	113	7.49	2.89	44.4	3.56	14.32
		14:36	112	7.49	2.88	31.5	3.48	14.32



Table 6.
Syracuse Gateway Apartments
701 East Fayette Street
Floor Trench Sample Results (Detected Compounds Only)

LOCATION			FT-20250424	
LABORATORY SAMPLE ID			L2524225-21	
SAMPLING DATE			4/24/2025	
SAMPLE TYPE			OIL	
SAMPLE DEPTH (ft.)			Floor Trench	
	Protection of Groundwater	Restricted Residential	Units	Results
Volatile Organics by GC/MS				
2-Butanone		100	mg/kg	1.3 J
Benzene	0.06	4.8	mg/kg	0.094 J
Ethylbenzene	1	41	mg/kg	0.2 J
Isopropylbenzene			mg/kg	0.46 U
Methyl cyclohexane			mg/kg	1.8 U
o-Xylene			mg/kg	0.43 J
p/m-Xylene			mg/kg	0.69 J
Styrene			mg/kg	0.46 U
Toluene	0.7	100	mg/kg	0.46 U
Trichloroethene	0.47	21	mg/kg	0.16 J
Total TIC Compounds				709 J
Semivolatile Organics by GC/MS				
Acenaphthene	98	100	mg/kg	38 U
Fluoranthene	1000	100	mg/kg	28 U
Naphthalene	12	100	mg/kg	47 U
Benzo(a)anthracene	1	1	mg/kg	28 U
Benzo(a)pyrene	22	1	mg/kg	38 U
Benzo(b)fluoranthene	2.1	1	mg/kg	28 U
Benzo(k)fluoranthene	2	3.9	mg/kg	28 U
Chrysene	1	3.9	mg/kg	28 U
Acenaphthylene	365	100	mg/kg	38 U
Anthracene	1000	100	mg/kg	28 U
Benzo(ghi)perylene	1000	100	mg/kg	38 U
Fluorene	386	100	mg/kg	47 U
Phenanthrene	1000	100	mg/kg	28 U
Dibenzo(a,h)anthracene	1000	0.33	mg/kg	28 U
Indeno(1,2,3-cd)pyrene	6.6	0.5	mg/kg	38 U
Pyrene	1000	100	mg/kg	28 U
Dibenzofuran	110	59	mg/kg	47 U
2-Methylnaphthalene			mg/kg	57 U
2-Methylphenol		100	mg/kg	47 U
3-Methylphenol/4-Methylphenol		100	mg/kg	68 U
Carbazole			mg/kg	47 U

Soil samples were collected CHA Consulting Inc. on April 18, 2025 and analyzed by Pace Analytical

(-) Compounds not analyzed for the listed compound

(J) Result is a a low, estimated concentration

(U) Not detected at the reported detection limit for the sample.

NY-TAGM-GS: New York TAGM Soil Cleanup (protect GW) current as of 1/2007.

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.

Bold exceeds the Protection of Groundwater SCOs

Highlights exceed the Restricted Residential SCOs



Table 7.
Syracuse Gateway Apartments
701 East Fayette Street
RI Summary of Groundwater Analytical Data (Detected Compounds Only)

LOCATION			MW-101-20250424	CHA-1-20250424	MW-102-20250424	MW-103-20250424	MW-104-20250424	FB-20250424	EQ-BLANK-20250424
SAMPLING DATE			4/24/2025	4/24/2025	4/24/2025	4/24/2025	4/24/2025	4/24/2025	4/24/2025
LABORATORY SAMPLE ID			L2524225-11	L2524225-12	L2524225-13	L2524225-14	L2524225-17	L2524225-15	L2524225-16
SAMPLE TYPE			WATER	WATER	WATER	WATER	WATER	WATER	WATER
	NY-AWQS	Units	Results	Results	Results	Results	Results	Results	Results
Volatile Organics by GC/MS									
1,1,1-Trichloroethane	5	ug/l	2.5 U	2.5 U	2.5 U	2.5 U	0.73 J	2.5 U	2.5 U
2-Butanone	50	ug/l	5 U	5 U	5 U	5 U	5 U	2.9 J	3.4 J
Acetone	50	ug/l	1.8 U	2.3 U	2.1 U	5 U	6.4 U	6.2	4.8 J
Benzene	1	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	34	0.5 U	0.5 U
Chloroform	7	ug/l	2.5 U	2.5 U	2.8	2.5 U	1.1 J	2.5 U	2.5 U
Cyclohexane		ug/l	10 U	10 U	10 U	10 U	7.6 J	10 U	10 U
Ethylbenzene	5	ug/l	2.5 U	2.5 U	2.5 U	2.5 U	14	2.5 U	2.5 U
Isopropylbenzene	5	ug/l	2.5 U	2.5 U	2.5 U	2.5 U	1.7 J	2.5 U	2.5 U
Methyl cyclohexane		ug/l	10 U	10 U	10 U	10 U	10	10 U	10 U
o-Xylene	5	ug/l	2.5 U	2.5 U	2.5 U	2.5 U	27	2.5 U	2.5 U
p/m-Xylene	5	ug/l	2.5 U	2.5 U	2.5 U	2.5 U	56	2.5 U	2.5 U
Total Xylene	5	ug/l					83		
Tetrachloroethene	5	ug/l	0.5 U	0.5 U	2.8	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	ug/l	2.5 U	2.5 U	2.5 U	2.5 U	96	2.5 U	2.5 U
Trichloroethene	5	ug/l	4	4.1	2.3	6.4	22	0.5 U	0.5 U
Total TIC Compounds			10.9 J				103 J		
Semivolatile Organics by GC/MS									
Bis(2-ethylhexyl)phthalate	5	ug/l	3 U	2.3 J	3 U	2.6 J	3 U	- -	- -
Di-n-butylphthalate	50	ug/l	3.7 J	5 U	5 U	3.6 J	5 U	- -	- -
1,4 Dioxane by 8270E-SIM									
No Detections.									
Perfluorinated Alkyl Acids by EPA 1633									
Perfluorobutanoic Acid (PFBA)		ug/l	0.0244	0.0225	0.00493 J	0.00678	- -	0.00628 U	0.00652 U
Perfluoropentanoic Acid (PFPeA)		ug/l	0.0825	0.0789	0.00424	0.00311	- -	0.00314 U	0.00326 U
Perfluorobutanesulfonic Acid (PFBS)		ug/l	0.00605	0.00577	0.00123 J	0.00132 J	- -	0.00157 U	0.00163 U
Perfluorohexanoic Acid (PFHxA)		ug/l	0.0446	0.039	0.00286	0.00229	- -	0.00157 U	0.00163 U
Perfluoropentanesulfonic Acid (PFPeS)		ug/l	0.00352	0.00385	0.0014 U	0.000284 J	- -	0.00157 U	0.00163 U
Perfluoroheptanoic Acid (PFHpA)		ug/l	0.0228	0.0221	0.00142	0.000978 J	- -	0.00157 U	0.00163 U
Perfluorohexanesulfonic Acid (PFHxS)		ug/l	0.0183	0.0181	0.00123 J	0.00118 J	- -	0.00157 U	0.00163 U
Perfluorooctanoic Acid (PFOA)	0.0067	ug/l	0.0602	0.0591	0.00388	0.0038	- -	0.00157 U	0.00163 U
Perfluorononanoic Acid (PFNA)		ug/l	0.00117 J	0.0008 J	0.000884 J	0.00044 J	- -	0.00157 U	0.00163 U
Perfluorooctanesulfonic Acid (PFOS)	0.0027	ug/l	0.0028 J+	0.00236 J+	0.0014 U	0.00152 J+	- -	0.00157 U	0.000864 J



Table 7.
Syracuse Gateway Apartments
701 East Fayette Street
RI Summary of Groundwater Analytical Data (Detected Compounds Only)

LOCATION			MW-101-20250424	CHA-1-20250424	MW-102-20250424	MW-103-20250424	MW-104-20250424	FB-20250424	EQ-BLANK-20250424
SAMPLING DATE			4/24/2025	4/24/2025	4/24/2025	4/24/2025	4/24/2025	4/24/2025	4/24/2025
LABORATORY SAMPLE ID			L2524225-11	L2524225-12	L2524225-13	L2524225-14	L2524225-17	L2524225-15	L2524225-16
SAMPLE TYPE			WATER	WATER	WATER	WATER	WATER	WATER	WATER
	NY-AWQS	Units	Results	Results	Results	Results	Results	Results	Results
Polychlorinated Biphenyls by GC									
No PCBs Detected									
Total Metals									
Aluminum, Total		ug/l	164	174	211	290	- -	4.28 J	8.54 J
Antimony, Total	3	ug/l	4 U	4 U	1.18 J	4 U	- -	4 U	4 U
Arsenic, Total	25	ug/l	0.8	0.84	0.41 J	0.48 J	- -	0.5 U	0.5 U
Barium, Total	1000	ug/l	120.8	119.7	95.16	132	- -	0.5 U	0.5 U
Calcium, Total		ug/l	140000	140000	118000	94200	- -	60.4 J	83.9 J
Chromium, Total	50	ug/l	0.39 J	0.38 J	0.73 J	0.56 J	- -	0.3 J	1 U
Cobalt, Total		ug/l	0.94	0.95	0.67	0.7	- -	0.5 U	0.5 U
Copper, Total	200	ug/l	1.89	1.97	1.46	1.82	- -	3.56	3.62
Iron, Total	300	ug/l	377	386	373	624	- -	517	50 U
Lead, Total	25	ug/l	1 U	1 U	1 U	0.37 J	- -	1 U	1 U
Magnesium, Total	35000	ug/l	35700	36200	27100	26000	- -	70 U	29.6 J
Manganese, Total	300	ug/l	128.5	128.9	88.56	86.73	- -	3.47	1 U
Nickel, Total	100	ug/l	2.74	2.81	1.75 J	1.28 J	- -	2 U	2 U
Potassium, Total		ug/l	18900	19000	6620	7540	- -	100 U	100 U
Selenium, Total	10	ug/l	7.75	7.46	4.16 J	3.9 J	- -	5 U	5 U
Sodium, Total	20000	ug/l	404000	399000	411000	398000	- -	500 U	92.7 J
Vanadium, Total		ug/l	5 U	5 U	5 U	5 U	- -	5 U	5 U
Zinc, Total	2000	ug/l	10 U	10 U	10 U	10 U	- -	4.72 J	10 U

Samples were collected by CHA Consulting, Inc. on April 24, 2025 and analyzed by Pace Analytical

Data qualifiers that were changed in the the Data Usability Report are *italicized*

Semivolatile samples were collected by Pace Analytical on June 26th 2025 and also analyzed by Pace Analytical

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.

J+ - Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method

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

NY-AWQS: New York TOGS 1.1.1 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 8.
Syracuse Gateway Apartments
701 East Fayette Street
Duplicate Comparison (Groundwater)

LOCATION			MW-101-20250424		CHA-1-20250424	
SAMPLING DATE			4/24/2025		4/24/2025	
LABORATORY SAMPLE ID			L2524225-11		L2524225-12	
SAMPLE TYPE			WATER		WATER	
	NY-AWQS	Units	Results		Results	
Volatile Organics by GC/MS			RPD%			
1,1,1-Trichloroethane	5	ug/l	2.5	U	2.5	0
2-Butanone	50	ug/l	5	U	5	0
Acetone	50	ug/l	1.8	J	2.3	24.4
Benzene	1	ug/l	0.5	U	0.5	0
Chloroform	7	ug/l	2.5	U	2.5	0
Cyclohexane		ug/l	10	U	10	0
Ethylbenzene	5	ug/l	2.5	U	2.5	0
Isopropylbenzene	5	ug/l	2.5	U	2.5	0
Methyl cyclohexane		ug/l	10	U	10	0
o-Xylene	5	ug/l	2.5	U	2.5	0
p/m-Xylene	5	ug/l	2.5	U	2.5	0
Tetrachloroethene	5	ug/l	0.5	U	0.5	0
Toluene	5	ug/l	2.5	U	2.5	0
Trichloroethene	5	ug/l	4		4.1	2.5
Total TIC Compounds						
1,4 Dioxane by 8270E-SIM						
No Detections.						
Perfluorinated Alkyl Acids by EPA 1633						
Perfluorobutanoic Acid (PFBA)		ug/l	0.0244		0.0225	8.1
Perfluoropentanoic Acid (PFPeA)		ug/l	0.0825		0.0789	4.5
Perfluorobutanesulfonic Acid (PFBS)		ug/l	0.00605		0.00577	4.7
Perfluorohexanoic Acid (PFHxA)		ug/l	0.0446		0.039	13.4
Perfluoropentanesulfonic Acid (PFPeS)		ug/l	0.00352		0.00385	9.0
Perfluoroheptanoic Acid (PFHpA)		ug/l	0.0228		0.0221	3.1
Perfluorohexanesulfonic Acid (PFHxS)		ug/l	0.0183		0.0181	1.1
Perfluorooctanoic Acid (PFOA)		0.0067 ug/l	0.0602		0.0591	1.8
Perfluorononanoic Acid (PFNA)		ug/l	0.00117 J		0.0008 J	37.6
Perfluorooctanesulfonic Acid (PFOS)		0.0027 ug/l	0.0028 F		0.00236 F	17.1
Polychlorinated Biphenyls by GC						
Aroclor 1242		0.09 ug/l	0.071 U		0.071 U	0
PCBs, Total		ug/l	0.071 U		0.071 U	0
Semivolatile Organics by GC/MS			MW-104		DUP	
Bis(2-ethylhexyl)phthalate		5 ug/l	3 U		2.3 J	26.4
Butyl benzyl phthalate		50 ug/l	5 U		5 U	0
Total Metals						
Aluminum, Total		ug/l	164		174	5.9
Antimony, Total		3 ug/l	4 U		4 U	0.0
Arsenic, Total		25 ug/l	0.8		0.84	4.9
Barium, Total		1000 ug/l	120.8		119.7	0.9
Calcium, Total		ug/l	140000		140000	0.0
Chromium, Total		50 ug/l	0.39 J		0.38 J	2.6
Cobalt, Total		ug/l	0.94		0.95	1.1
Copper, Total		200 ug/l	1.89		1.97	4.1
Iron, Total		300 ug/l	377		386	2.4
Lead, Total		25 ug/l	1 U		1 U	0.0
Magnesium, Total		35000 ug/l	35700		36200	1.4
Manganese, Total		300 ug/l	128.5		128.9	0.3
Nickel, Total		100 ug/l	2.74		2.81	2.5
Potassium, Total		ug/l	18900		19000	0.5
Selenium, Total		10 ug/l	7.75		7.46	3.8
Sodium, Total		20000 ug/l	404000		399000	1.2
Vanadium, Total		ug/l	5 U		5 U	0.0
Zinc, Total		2000 ug/l	10 U		10 U	0.0

Samples were collected by CHA Consulting, Inc. on April 24, 2025 and analyzed by Pace Analytical

Duplicate comparison for SVOC data was compared between MW-104 and the Duplicate collected on June 26th, 2025.

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 1.1.1 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February:

Highlights exceed the New York TOGS 1.1.1 AWQS



Table 8.
Syracuse Gateway Apartments
701 East Fayette Street
Duplicate Comparison (Soil)

LOCATION	SOIL-102 4-5		CHA-1		SOIL-103 16-18		CHA-2	
LABORATORY SAMPLE ID	L2524225-02		L2524225-03		L2524225-06		L2524225-08	
SAMPLING DATE	4/18/2025		4/18/2025		4/18/2025		4/18/2025	
SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)	4'-5'		4'-5'		16'-18'		16'-18'	
	NY-RESRR	Units	Results	Results		Results	Results	
General Chemistry			RPD%					
Solids, Total		%	84.2	80.4	4.6	84.2	84.6	0.5
Volatile Organics by EPA 5035								
Benzene	4.8	mg/kg	-	-	-	170 J	76	76.4
Chloroform	49	mg/kg	-	-	-	8.2 U	2.2 U	115.4
Cyclohexane		mg/kg	-	-	-	200 J	40	133.3
Ethylbenzene	41	mg/kg	-	-	-	480 J	230	70.4
Isopropylbenzene		mg/kg	-	-	-	83 J	49	51.5
Methyl cyclohexane		mg/kg	-	-	-	240 J	140	52.6
o-Xylene		mg/kg	-	-	-	790 J	370	72.4
p/m-Xylene		mg/kg	-	-	-	2000 J	1100	58.1
Styrene		mg/kg	-	-	-	1.5 J	0.79 J	62.0
Toluene	100	mg/kg	-	-	-	1300 J	730	56.2
Trichloroethene	21	mg/kg	-	-	-	2.7 U	0.72 U	115.8
Volatile Organics by GC/MS								
2-Butanone	100	mg/kg	-	-	-	-	-	-
Benzene	4.8	mg/kg	-	-	-	-	-	-
Ethylbenzene	41	mg/kg	-	-	-	-	-	-
Isopropylbenzene		mg/kg	-	-	-	-	-	-
Methyl cyclohexane		mg/kg	-	-	-	-	-	-
o-Xylene		mg/kg	-	-	-	-	-	-
p/m-Xylene		mg/kg	-	-	-	-	-	-
Styrene		mg/kg	-	-	-	-	-	-
Toluene	100	mg/kg	-	-	-	-	-	-
Trichloroethene	21	mg/kg	-	-	-	-	-	-
Total TIC Compounds						4500	1500	100
Perfluorinated Alkyl Acids by EPA 1633								
Perfluorooctanoic Acid (PFOA)		mg/kg	-	-	-	0.000199 U	-	-
Perfluorooctanesulfonic Acid (PFOS)		mg/kg	-	-	-	0.000199 U	-	-
Semivolatile Organics by GC/MS								
Acenaphthene	100	mg/kg	0.13 J	0.16 U	20.7	-	-	-
Fluoranthene	100	mg/kg	2	0.51	118.7	-	-	-
Naphthalene	100	mg/kg	0.062 J	0.2 U	105.3	-	-	-
Benzo(a)anthracene	1	mg/kg	0.96	0.25	117.4	-	-	-
Benzo(a)pyrene	1	mg/kg	1	0.27	115.0	-	-	-
Benzo(b)fluoranthene	1	mg/kg	1.3	0.35	115.2	-	-	-
Benzo(k)fluoranthene	3.9	mg/kg	0.44	0.12	114.3	-	-	-
Chrysene	3.9	mg/kg	0.94	0.24	118.6	-	-	-
Acenaphthylene	100	mg/kg	0.076 J	0.16 U	71.2	-	-	-
Anthracene	100	mg/kg	0.33	0.065 J	134.2	-	-	-
Benzo(ghi)perylene	100	mg/kg	0.68	0.16	123.8	-	-	-
Fluorene	100	mg/kg	0.11 J	0.2 U	58.1	-	-	-
Phenanthrene	100	mg/kg	1.4	0.22	145.7	-	-	-
Dibenzo(a,h)anthracene	0.33	mg/kg	0.16	0.04 J	120.0	-	-	-
Indeno(1,2,3-cd)pyrene	0.5	mg/kg	0.69	0.18	117.2	-	-	-
Pyrene	100	mg/kg	1.7	0.45	116.3	-	-	-
Dibenzofuran	59	mg/kg	0.075 J	0.2 U	90.9	-	-	-
2-Methylnaphthalene		mg/kg	0.034 J	0.25 U	152.1	-	-	-
Carbazole		mg/kg	0.17 J	0.025 J	148.7	-	-	-
Total Metals								
Aluminum, Total		mg/kg	7150	7300	2.1	-	-	-
Arsenic, Total	16	mg/kg	11	9.2	17.8	-	-	-
Barium, Total	400	mg/kg	207	208	0.5	-	-	-
Beryllium, Total	72	mg/kg	0.443 J	0.411 J	7.5	-	-	-
Cadmium, Total	4.3	mg/kg	0.31 J	1.34	124.8	-	-	-
Calcium, Total		mg/kg	73200	68000	7.4	-	-	-
Chromium, Total		mg/kg	11.1	13	15.8	-	-	-
Cobalt, Total		mg/kg	5.54	6.06	9.0	-	-	-
Copper, Total	270	mg/kg	49.5	47.9	3.3	-	-	-
Iron, Total		mg/kg	12800	12900	0.8	-	-	-
Lead, Total	400	mg/kg	37.2	190	134.5	-	-	-
Magnesium, Total		mg/kg	11600	14200	20.2	-	-	-
Manganese, Total	2000	mg/kg	249	411	49.1	-	-	-
Mercury, Total	0.81	mg/kg	0.802	0.312	88.0	-	-	-
Nickel, Total	310	mg/kg	22.9	19.7	15.0	-	-	-
Potassium, Total		mg/kg	740	768	3.7	-	-	-
Sodium, Total		mg/kg	760	930	20.1	-	-	-
Vanadium, Total		mg/kg	15.6	14.6	6.6	-	-	-
Zinc, Total	10000	mg/kg	390	845	73.7	-	-	-

Samples were collected by CHA Consulting, Inc. on April 18, 2025 and analyzed by Pace Analytical
J - Samples detected at a low, estimated concentration
U - Not detected at the reported detection limit for the sample.
NY-RESRR: 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.
Bold exceeds the Protection of Groundwater SCOs
Highlights exceed the Restricted Residential SCOs



Table 9.
Syracuse Gateway Apartments
701 East Fayette Street
Soil Waste Characterization

LOCATION			SOIL-WC-1
SAMPLING DATE			4/24/2025
SAMPLE TYPE			SOIL
	Part 371 Regulatory Levels	Units	Results
General Chemistry			
Solids, Total		%	83.5
pH (H)		SU	7.82
TCLP Volatiles by EPA 1311			
Benzene	0.5	mg/l	0.099
Ignitability of Solids			
Ignitability			NI
Polychlorinated Biphenyls by GC			
No PCBs Detected.			
Semivolatile Organics by GC/MS			
Naphthalene	100	mg/l	0.3
2-Methylnaphthalene		mg/l	0.25
2-Methylphenol	100	mg/l	0.037 J
3-Methylphenol/4-Methylphenol	100	mg/l	0.036 J
TCLP Herbicides by EPA 1311			
No herbicides detected.			
TCLP Metals by EPA 1311			
Barium, TCLP	100	mg/l	0.551
TCLP Pesticides by EPA 1311			
No pesticides detected.			
TCLP Semivolatiles by EPA 1311			
3-Methylphenol/4-Methylphenol		mg/l	0.0018 J

Waste characterization sample collected by CHA Consulting Inc. on April 24, 2025 and analyzed by Pace Analytical

J - Samples detected at a low, estimated concentration

Waste characterization samples were compared to Part 371 Regulatory Levels



Table 10.
Syracuse Gateway Apartments
701 East Fayette Street
Water Waste Characterization

LOCATION			WATER-WC-1
SAMPLING DATE			4/24/2025
SAMPLE TYPE			WATER
	Part 371 Regulatory Standards	Units	Results
Volatile Organics by GC/MS			
Benzene	0.5	mg/l	0.018
Toluene		mg/l	0.063
Ethylbenzene		mg/l	0.01
Trichloroethene		mg/l	0.0089
p/m-Xylene		mg/l	0.043
o-Xylene		mg/l	0.019
Acetone		mg/l	0.0054
2-Butanone		mg/l	0.0073
Isopropylbenzene		mg/l	0.0012 J
Cyclohexane		mg/l	0.0038 J
Methyl cyclohexane		mg/l	0.0048 J
1,4 Dioxane by 8270E-SIM			
1,4 Dioxane was not detected.			
Polychlorinated Biphenyls by GC			
Aroclor 1242		mg/l	0.00012
PCBs, Total		mg/l	0.00012
Semivolatile Organics by GC/MS-SIM			
No SVOCs detected.			
Total Metals			
Aluminum, Total		mg/l	1
Arsenic, Total	5	mg/l	0.00215
Barium, Total	100	mg/l	0.09709
Calcium, Total		mg/l	89.2
Chromium, Total	5	mg/l	0.00596
Cobalt, Total		mg/l	0.00148
Copper, Total		mg/l	0.00646
Iron, Total		mg/l	1.9
Lead, Total	5	mg/l	0.00164
Magnesium, Total		mg/l	28
Manganese, Total		mg/l	0.06855
Nickel, Total		mg/l	0.00405
Potassium, Total		mg/l	8.73
Selenium, Total	1	mg/l	0.00556
Sodium, Total		mg/l	359
Vanadium, Total		mg/l	0.00397 J
Zinc, Total		mg/l	0.00606 J

Waste characterization sample collected by CHA Consulting Inc. on April 24, 2025 and analyzed by Pace Analytical

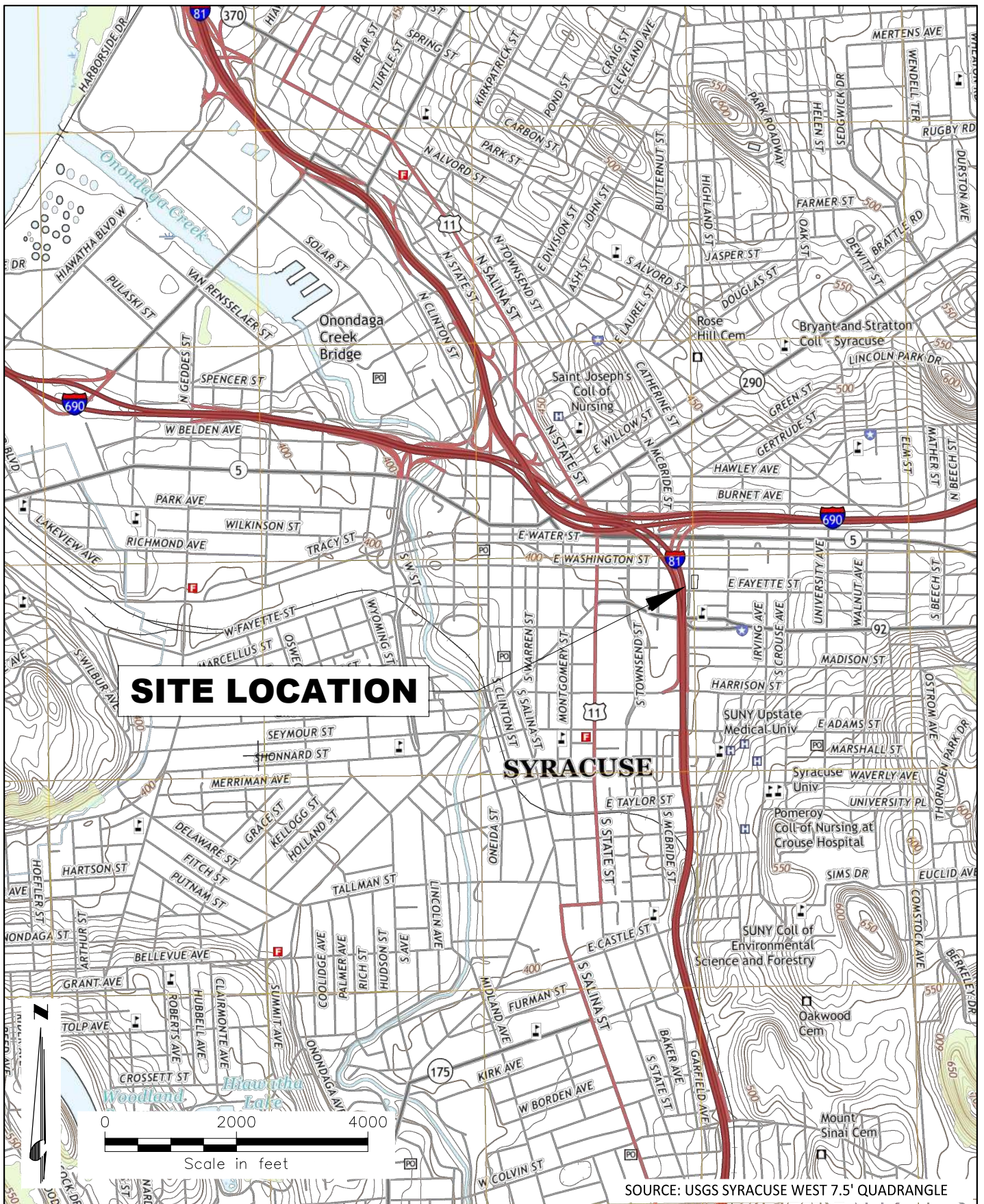
J - Samples detected at a low, estimated concentration

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

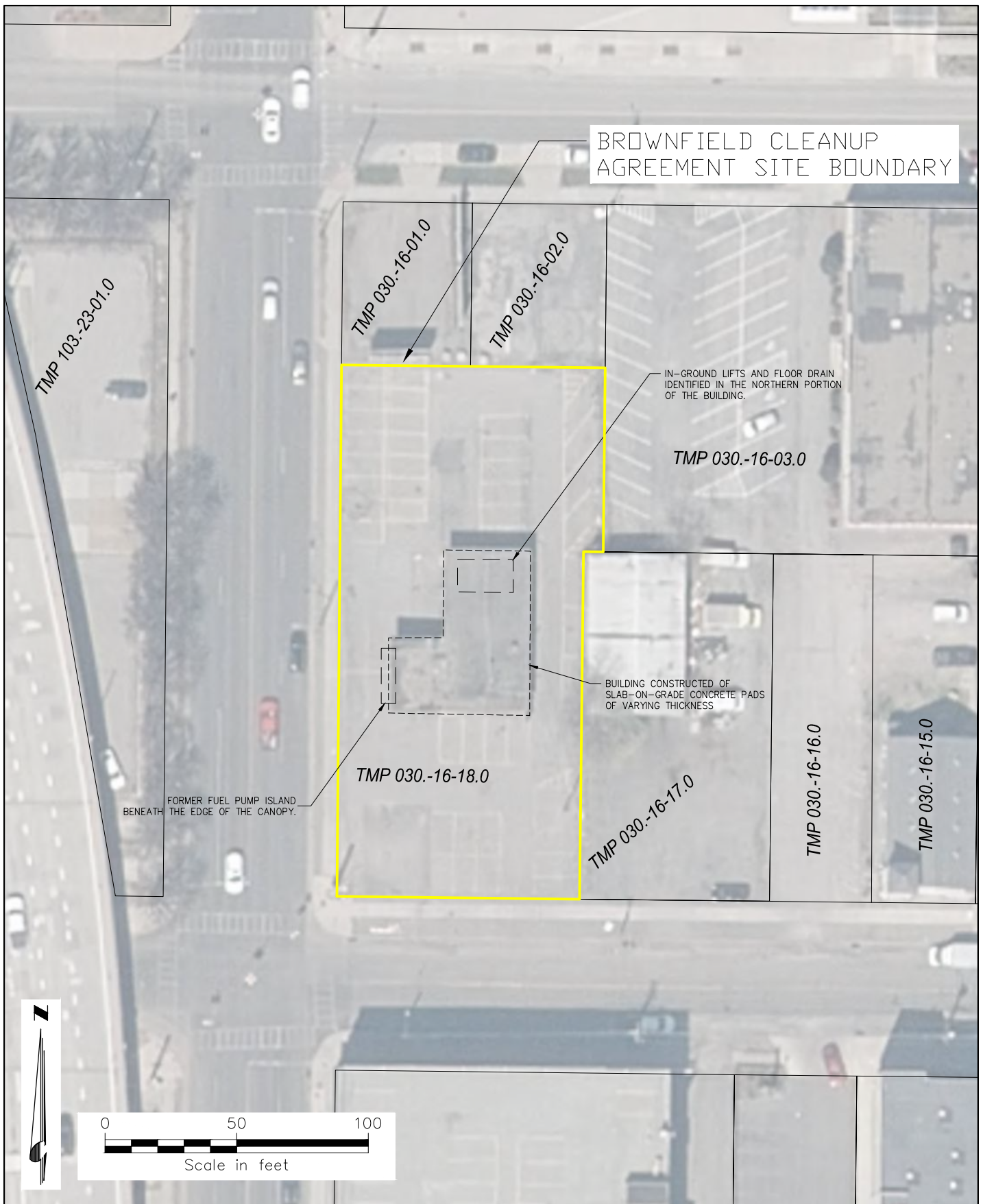
Waste characterization samples were compared to Part 371 Regulatory Levels



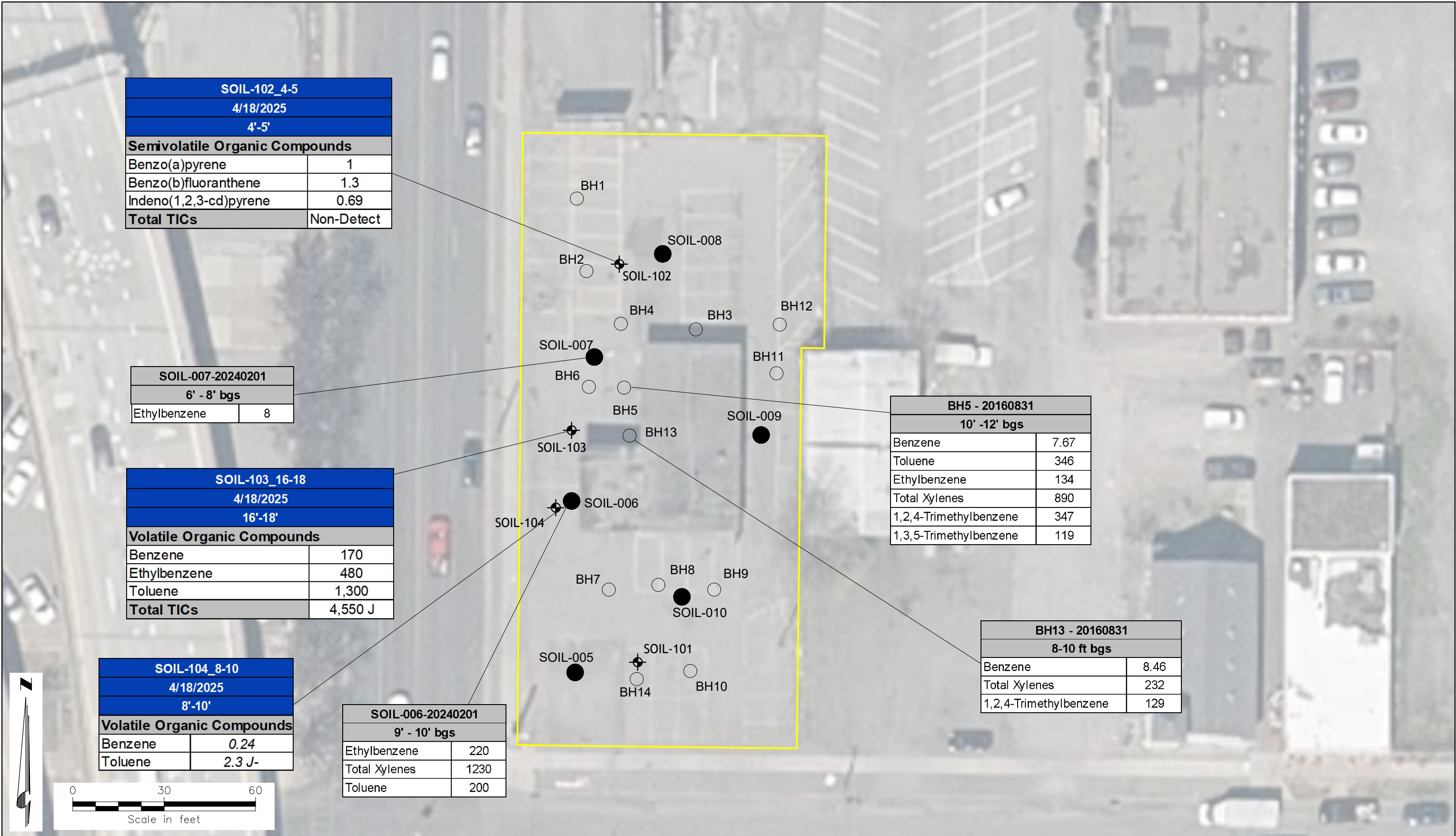
FIGURES



File: V:\PROJECTS\ANY\K6\086328.000\09_DESIGN\DRAWINGS\ENV\2025-05-16_RI_REPORT.DWG
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CHA SUBSURFACE SOIL SAMPLE 2025 REMEDIAL INVESTIGATION

CHA SUBSURFACE SOIL SAMPLE 2024

LCS SUBSURFACE SOIL SAMPLE

BROWNFIELD CLEANUP AGREEMENT BOUNDARY

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. ITALICIZED
RESULTS EXCEED PROTECTION OF GROUNDWATER

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SOIL EXCEEDANCES MAP

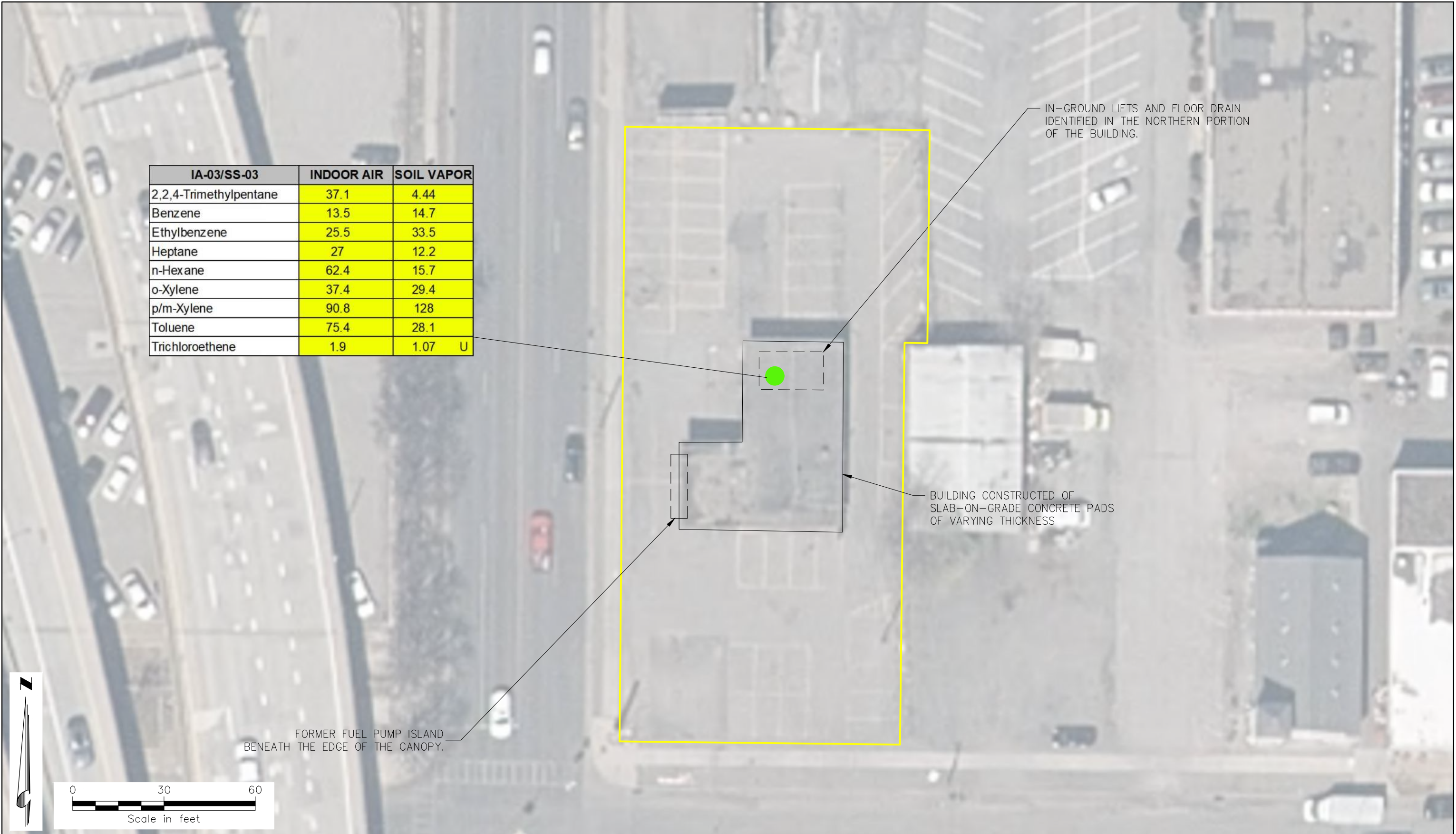
SYRACUSE GATEWAY APARTMENTS
701 EAST FAYETTE STREET
SYRACUSE, NEW YORK 13210

PROJECT NO.
086328

DATE: 08/2025

FIGURE 3

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INDOOR AIR/SUB-SLAB VAPOR SAMPLE

BROWNFIELD CLEANUP AGREEMENT BOUNDARY

SAMPLE LOCATIONS ARE APPROXIMATE

SAMPLES WERE COLLECTED MAY 21, 2024 AND ANALYZED BY PACE ANALYTICAL

DATA PRESENTED IN MICROGRAMS PER CUBIC METER (UG/M3). DATA PRESENTED HAVE AN IDENTIFIED ACTION ACCORDING TO THE NYSDOH DECISION MATRICES A THROUGH F. YELLOW INDICATES "IDENTIFY SOURCES AND RESAMPLE, OR MITIGATE" AND ORANGE INDICATES "MONITOR". NO HIGHLIGHT INDICATES MAX CONCENTRATION BUT "NO FURTHER ACTION"

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INDOOR AIR/SUB-SLAB VAPOR RESULTS MAP

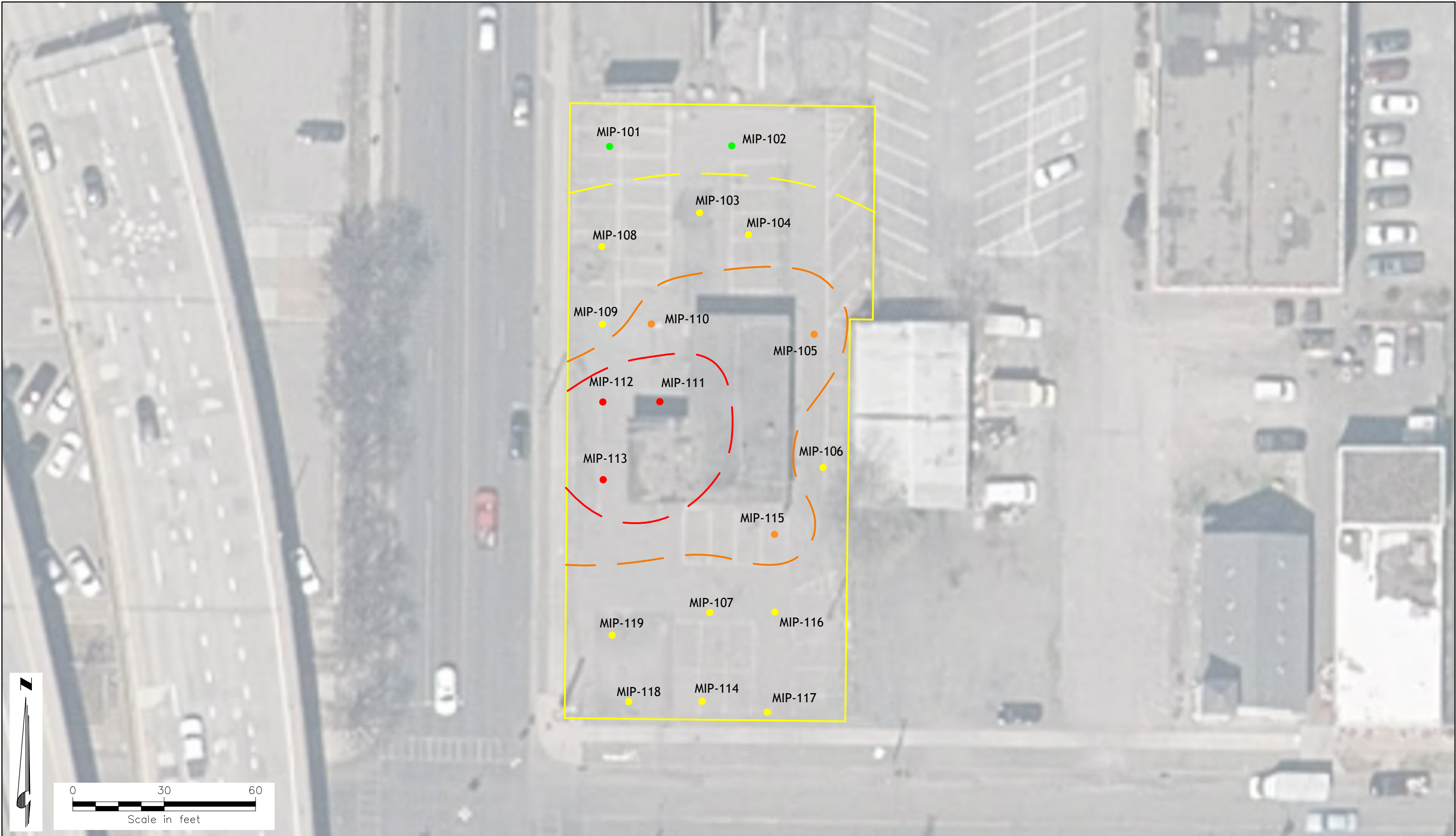
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701 EAST FAYETTE STREET
SYRACUSE, NEW YORK 13210

PROJECT NO.
086328

DATE: 04/2025

FIGURE 4

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- MEMBRANE INTERFACE PROBE SAMPLE LOCATION - ZERO PID HITS
- MEMBRANE INTERFACE PROBE SAMPLE LOCATION - LOW PID HITS ($>0 - 0.4 \text{ uV} \times 10^6$)
- MEMBRANE INTERFACE PROBE SAMPLE LOCATION - SLIGHTLY ELEVATED PID HITS ($0.4 - 3.8 \text{ uV} \times 10^6$)
- MEMBRANE INTERFACE PROBE SAMPLE LOCATION - ELEVATED PID HITS ($2.8 \text{ to } 3.2 \text{ uV} \times 10^7$)

- APPROXIMATE REGION OF LOW-LEVEL IMPACT
- APPROXIMATE REGION OF MODERATE IMPACT
- APPROXIMATE REGION OF ELEVATED IMPACT
- BROWNFIELD CLEANUP AGREEMENT BOUNDARY

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MEMBRANE INTERFACE PROBE LOCATIONS AND RESULTS

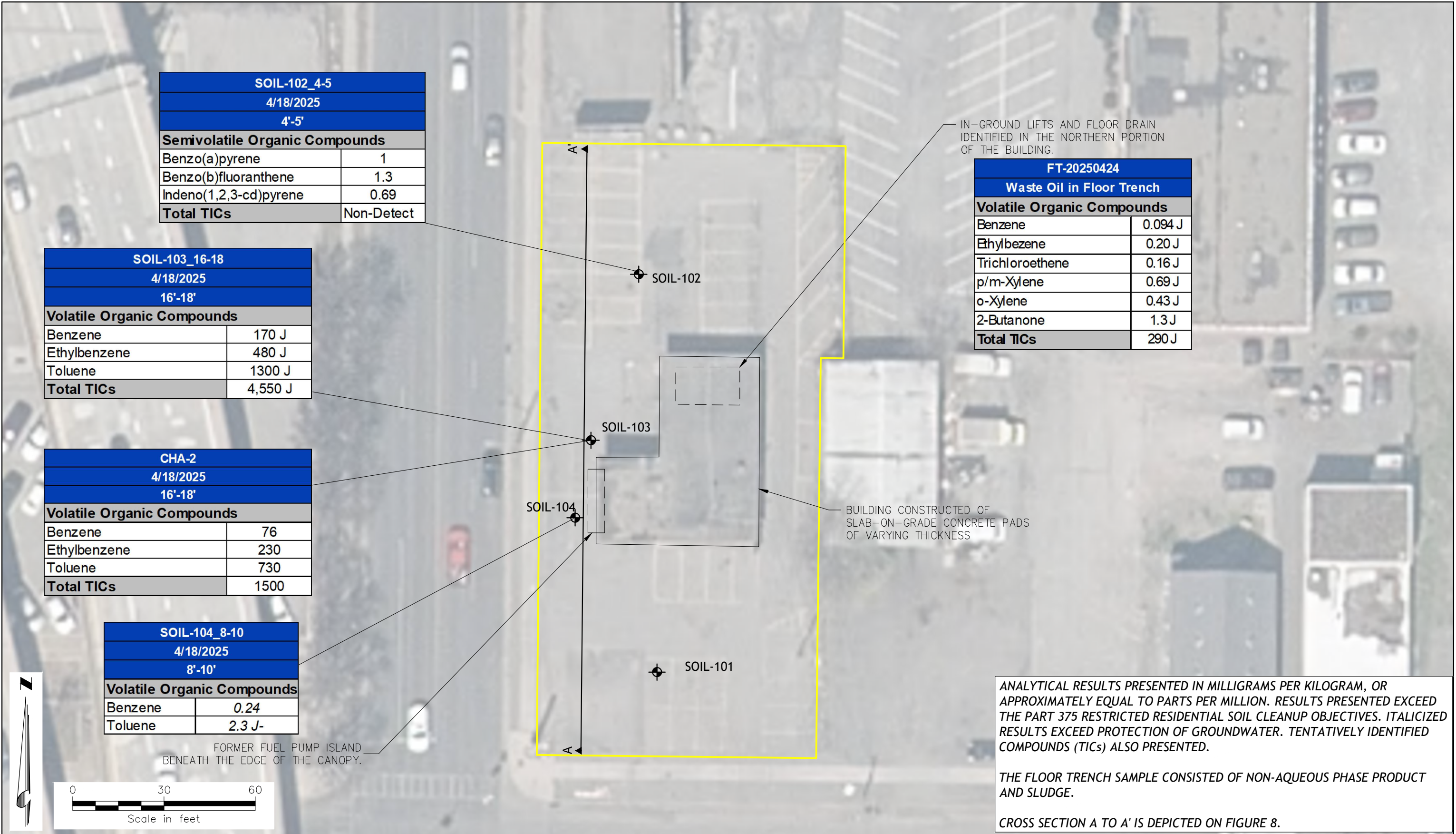
GATEWAY SYRACUSE APARTMENTS
REMEDIAL INVESTIGATION REPORT

PROJECT NO.
086328

DATE: 08/2025

FIGURE 5

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SOIL SAMPLE LOCATION



BROWNFIELD CLEANUP AGREEMENT BOUNDARY

J - ESTIMATED COMPOUND
COORDINATES OBTAINED VIA HANDHELD GPS



SUBSURFACE SOIL ANALYTICAL RESULTS

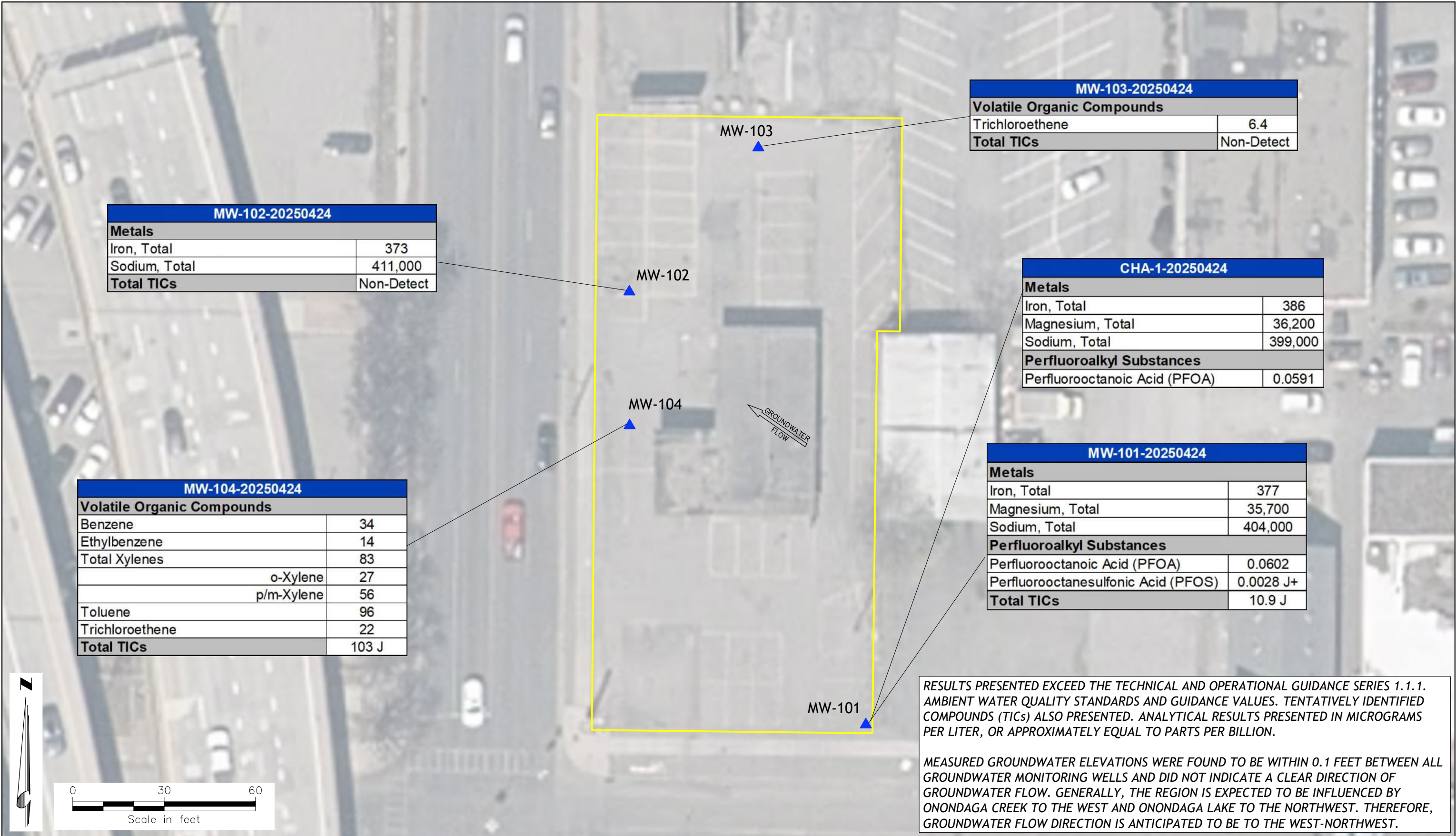
GATEWAY SYRACUSE APARTMENTS
REMEDIAL INVESTIGATION REPORT

PROJECT NO.
086328

DATE: 10/2025

FIGURE 6

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PERMANENT GROUNDWATER MONITORING WELL

BROWNFIELD CLEANUP AGREEMENT BOUNDARY

J ESTIMATED COMPOUND
J+ ESTIMATED HIGH
BASEMAP SURVEY LOCATIONS
PROVIDED BY IANUZZI & ROMANS

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GROUNDWATER MONITORING LOCATIONS AND ANALYTICAL RESULTS

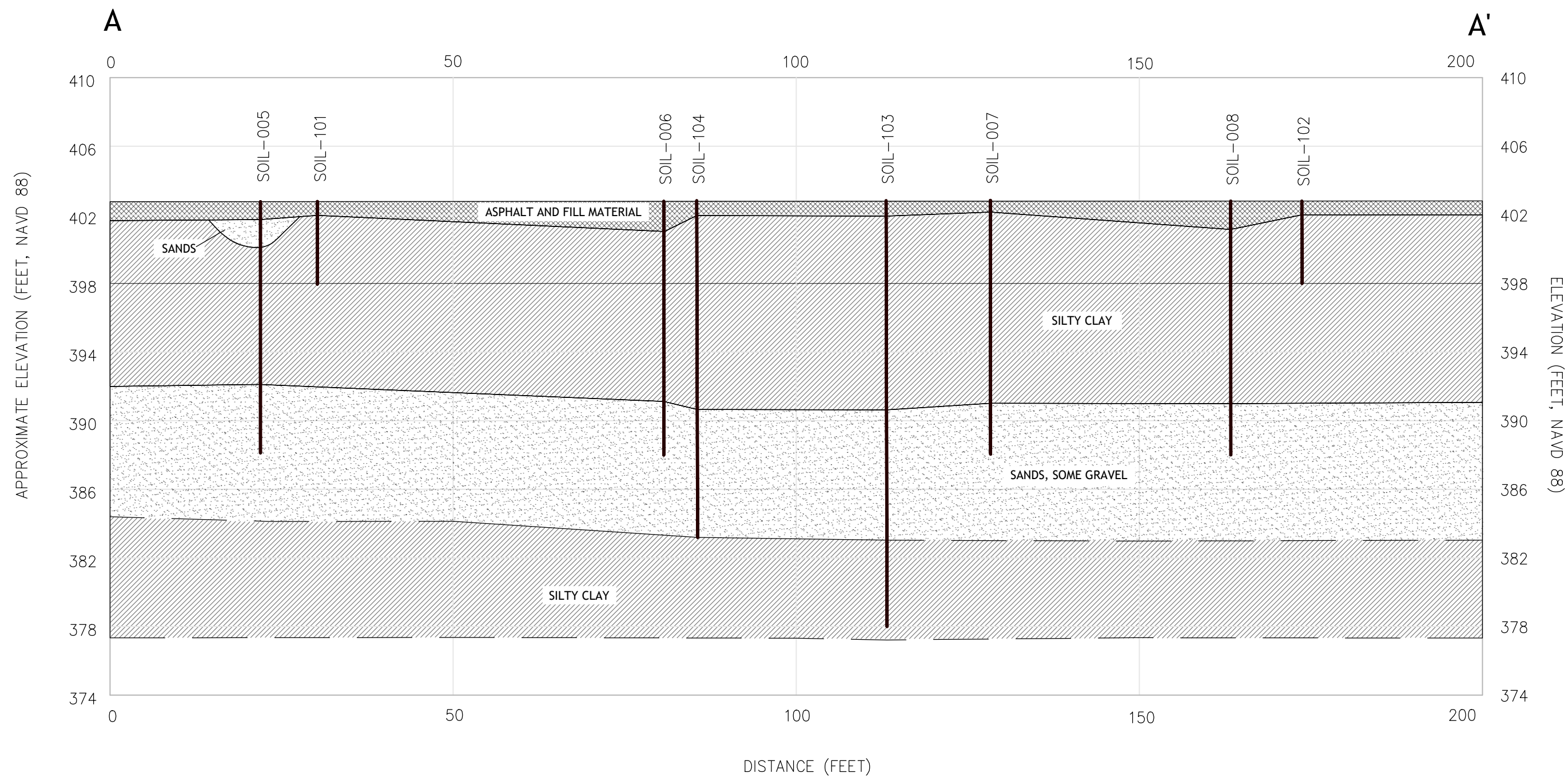
GATEWAY SYRACUSE APARTMENTS
REMEDIAL INVESTIGATION REPORT

PROJECT NO.
086328

DATE: 07/2025

FIGURE 7

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- NOTES:
1. ALL BORING LOCATION ARE APPROXIMATE
 2. STRATIGRAPHIC TRANSITIONS ARE INTERPOLATED BETWEEN THE BORING LOCATIONS
 3. SURFACE ELEVATION IS APPROXIMATE



GEOLOGICAL CROSS SECTION A - A'

GATEWAY SYRACUSE APARTMENTS
REMEDIAL INVESTIGATION REPORT

PROJECT NO.
086328

DATE: 07/2025

FIGURE 8



APPENDIX A

MIHPT Report



04/25/2025

FINAL DATA REPORT

High Resolution Site Characterization

Optical Image Hydraulic Profiling Tool (OIHPT)

Syr Gateway Apartments

Syracuse, NY

203251059

Prepared for:

CHA

441 South Salina Street, Suite 215

Syracuse, New York 13202-2424

TABLE OF CONTENTS

Program Narrative	1
QA/QC Summary Table	2
Project Details	3
Cascade Personnel	3
Cascade Equipment	3
Interpretation and Recommendations	4
Data Interpretation	4
Recommendations	4
Reference Material	5
HPT System Overview	5
HPT Data Interpretation	6
EC Data Interpretation	7
MIP System Overview	7
MIP Data Interpretation	10
Site Plan	
Investigation Data Plots – Small Scale	
Investigation Data Plots – Large Scale	

PROGRAM NARRATIVE

Cascade Technical Services (Cascade) is pleased to present this data report to CHA for the Membrane Interface Probe – Hydraulic Profiling Tool (MIHPT) services provided 4/14 thru 04/17/2025 at the Syr Gateway Apartments site in Syracuse, New York.

In total, Cascade advanced 18 MIHPT investigation borings to depths up to approximately 26 feet below ground surface (bgs). The locations are shown on Figure 1. For each of these locations, Cascade generated a continuous log of the electrical conductivity (EC), hydraulic profile (HPT), estimated hydraulic conductivity (Est. K) and relative (semi-quantitative) concentration of volatile organic compounds versus depth. Those logs are attached to this report.

All field work, including the operation of the MIP, HPT, and EC probes, was conducted by trained professionals and all quality assurance/quality control (QA/QC) measurements associated with these data were found to be within the tolerances set forth in the Standard Operating Procedures with no exceptions.

Additional information regarding the MIP, HPT, and EC systems is provided in the reference material included in this report.

I certify that the data package is in compliance with the terms and conditions of the contract and meets Cascade's data quality standards, with the exceptions detailed above (if any). Release of the data contained in this package has been authorized by the data manager or his/her designee, as verified by the following signature.

A handwritten signature in black ink, appearing to read "William B. Carlson", is positioned above the printed name.

Brad Carlson
Regional Manager, Site Characterization

QA/QC SUMMARY TABLE

Provided below is a summary of QA/QC information and any deviations from the standard operating procedure that occurred during the field activities.

Location	Date	Time	Total Depth (ft bgs)	Response Test	Comments / Deviations
MIP-101	April 14, 2025	13:30:41	25.35	Pass	None
MIP-102	April 14, 2025	14:56:37	26.60	Pass	None
MIP-103	April 14, 2025	16:46:55	28.75	Pass	None
MIP-104	April 15, 2025	10:15:08	26.45	Pass	None
MIP-105	April 15, 2025	11:05:55	25.45	Pass	None
MIP-106	April 15, 2025	12:21:30	26.55	Pass	None
MIP-107	April 15, 2025	14:03:52	25.70	Pass	None
MIP-108	April 15, 2025	15:17:40	25.65	Pass	None
MIP-109	April 15, 2025	16:28:20	25.60	Pass	None
MIP-110	April 16, 2025	09:13:07	25.65	Pass	None
MIP-111	April 16, 2025	10:10:54	25.75	Pass	None
MIP-112	April 16, 2025	11:12:41	25.65	Pass	None
MIP-113	April 16, 2025	13:03:35	25.65	Pass	None
MIP-114	April 16, 2025	13:55:18	25.75	Pass	None
MIP-115	April 17, 2025	09:39:53	25.65	Pass	None
MIP-116	April 17, 2025	10:17:49	6.45	Pass	None
MIP-117	April 17, 2025	11:14:38	25.65	Pass	None
MIP-118	April 17, 2025	13:22:02	25.65	Pass	None

PROJECT DETAILS

This section provides information regarding the Cascade personnel present at the site during the field activities and the specific equipment used during field activities.

Cascade Personnel

The following personnel were present during field activities at the Site:

- Charles Terry, HRSC Technician
- Zach Fordley, DPT Rig Operator

Cascade Equipment

The following HRSC equipment was utilized during field activities at the Site:

- Geoprobe 78 Series direct push drill rig
- 1.75-inch O.D. MH6534 MIHPT probe
- Geoprobe MP6500 MIP Controller (Nitrogen Flow and Heater)
- Geoprobe K6300 HPT Controller
- Geoprobe FI 6000 Computer
- HP 5890 Gas Chromatograph
- Electrical conductivity dipole
- Electron Capture Detector (ECD)
- Halogen Specific Detector (XSD)
- Photoionization Detector (PID) with 10.6 eV Lamp
- Flame Ionization Detector (FID)
- 150-foot MIHPT trunkline
- 1.75-inch O.D. drive rods
- Ultra-high purity nitrogen
- Ultra-high purity hydrogen

INTERPRETATION AND RECOMMENDATIONS

This section provides a summary of the data collected during this investigation program, Cascade's recommendations for updating the conceptual site model, and suggestions for next steps in the site management process, including remediation, if appropriate.

Data Interpretation

A detailed written interpretation of this data set was not included in the contracted scope of work.

Recommendations

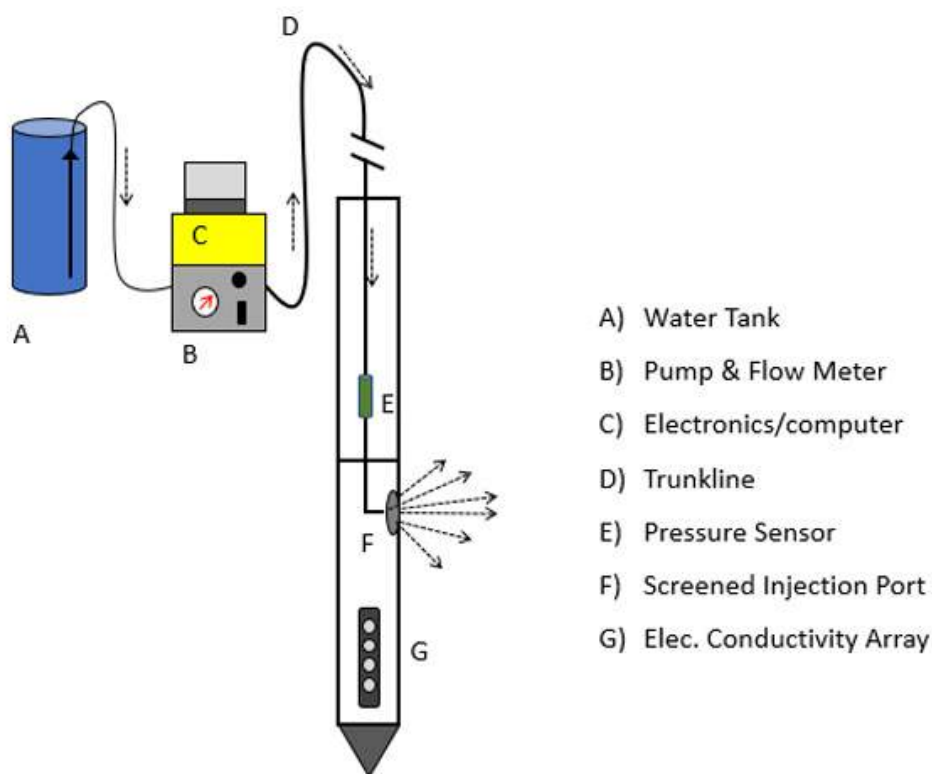
Additional recommendations were not included in this scope of work. Please contact the Cascade Project Manager if you would like to discuss further investigation or remediation alternatives. We would be excited to continue to learn about this site and assist you in meeting your site management goals.

REFERENCE MATERIAL

This section provides information useful in understanding and interpreting the data logs generated as part of this HRSC investigation.

HPT System Overview

The hydraulic profiling tool creates a log of the relative formation permeability versus depth in real time as the probe is advanced into the subsurface. It operates by injecting clean water at a constant flow rate from an aboveground reservoir through the direct push rods and out into the surrounding soil via an injection port on the side of the probe. Simultaneously, sensors record the flow rate, the back pressure required by the pump to maintain that flow rate, and the current depth of the probe. These measurements are collected by the onboard software and an estimated hydraulic conductivity (K) value is calculated and plotted alongside the other measurements in real time.



Generalized schematic of the HPT tool. Source: Geoprobe HPT Standard Operating Procedure

Reference Testing and Dissipation Tests

Reference testing is conducted to ensure that the HPT pressure transducer is working correctly and to evaluate the condition of the HPT injection screen. The HPT reference test also calculates atmospheric pressure which is required to obtain static water level readings and to determine the estimated K values for the log. The reference test utilizes an apparatus consisting of a tube with a valve located 6 inches above the HPT injection screen and the top of the tube located another 6 inches above the valve. When the tube is filled completely with water, the 12 inches of water will supply an additional 0.433 pounds per square inch (psi) of pressure on the injection screen (in addition to atmospheric pressure). When the valve is opened that additional pressure drops to 0.217 psi at the HPT injection screen. The accuracy of the pressure transducer can be assessed by comparing the pressure readings when the tube is filled and when the tube is filled only to the valve; this is done both with and without the pump running. A tolerance of plus or minus 10 percent is applied for a passing test.

Dissipation tests are conducted to determine the hydrostatic pressure of the water column above the transducer during logging. To conduct a dissipation test, advancement of the tooling is stopped, the HPT pump is stopped, and flow drops to zero. The pressure applied to the HPT pressure transducer by the injection of water into the formation begins to dissipate. This pressure should dissipate to a value equal to atmospheric pressure plus the hydrostatic pressure applied by water in the formation. In post-processing of the HPT log, the dissipation value and the atmospheric pressure determined during reference testing can be used to remove the influence of atmospheric and hydrostatic pressures from the values recorded by the transducer. These adjustments result in the corrected HPT pressure log which is a measure of the properties of the subsurface material.

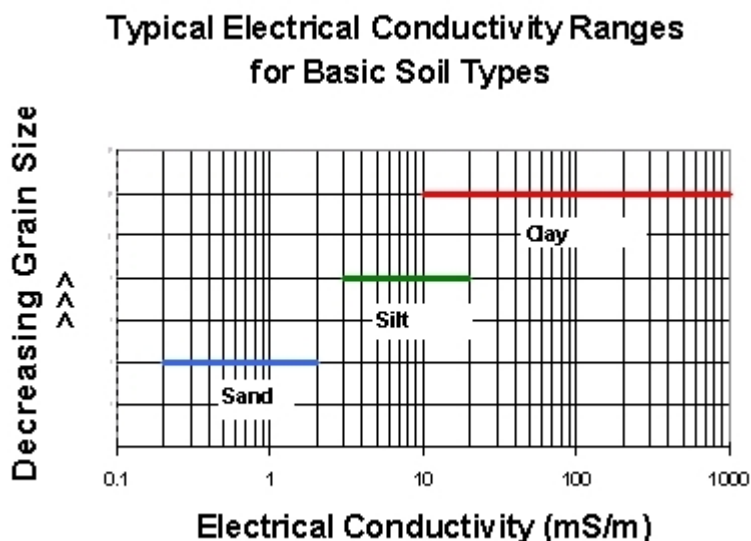
HPT Data Interpretation

An HPT log typically includes several types of data, many of which are reduced by the software to generate the estimated K values. The dissipation testing results conducted by the operator during the advancement of the tool are used to adjust the HPT back pressure values to account for the hydrostatic pressure of the water column above the probe during advancement. This adjustment results in the corrected HPT pressure data set. Subsequently, the corrected HPT pressure and the HPT flow data sets are used to calculate the estimated K values.

The most useful measurement from the HPT is the estimated K log, which as noted above, is a measure of the relative permeability of the formation versus depth. Despite the fact that these data are presented in units typical of traditional hydraulic conductivity (feet per day), they are not traditional K values and should not be used in many of the applications where a traditional K value would be appropriate. The accuracy of the estimated K values is typically one to two orders of magnitude, which would clearly generate a significant amount of uncertainty if used for any seepage velocity or risk-based calculations. The estimated K values are, however, extremely useful for understanding what zones of the subsurface are exhibiting higher or lower relative permeability.

EC Data Interpretation

In a general sense, the electrical conductivity of a soil varies with grain size. This correlation can be utilized to gather an understanding of the subsurface from the EC data. The EC measured in the subsurface can also vary based on changes in mineralogy, groundwater geochemistry, and contamination. It is important, then, to confirm the accuracy of the EC data for this use by collecting confirmatory soil borings from your site.



Relationship between electrical conductivity and grain size. Source: Geoprobe Electrical Conductivity System Standard Operating Procedure

MIP System Overview

The MIP is commonly used for quickly determining the locations of volatile organic compound (VOC) source zones and plumes. The MIP is most valuable in terms of its ability to provide “spatial correspondence”, meaning that where the MIP detector responses show peaks, there is likely to be elevated soil and groundwater concentrations. The MIP can also be used to provide extremely valuable data to streamline subsequent investigative tasks and improve the overall efficiency and accuracy of the site investigation. Vertical profiles, cross-sectional views and three-dimensional images of contaminant distribution can all be produced from the electronic data generated by the MIP logs. The capability of providing reliable, real-time information allows for informed and timely decision making in the field. The MIP works by heating the soils and groundwater adjacent to the probe to 120 degrees Celsius. This volatilizes the VOCs and allows them to transfer through a Teflon membrane via a combination of concentration and pressure gradients. These VOC are then swept into a nitrogen gas loop that carries them to a series of detectors housed at ground surface. Continuous chemical profiles are generated from each hole. The electrical conductivity of the soil is also measured, and these logs can be compared to the chemical logs to better understand the relationship between the lithology and the contaminant distribution. The MIP is also commonly deployed with an integrated Hydraulic Profiling Tool (HPT) which uses an injection logging system to generate a continuous log of relative formation permeability versus depth. The following section discusses the various detection systems that are commonly used with the MIP system.



An MIHPT probe and trunkline. Source: Geoprobe

Halogen Specific Detector

Responds to halogenated compounds (i.e., chlorinated, fluorinated, brominated) only.

The XSD converts compounds containing halogens to their oxidation products and free halogen atoms by oxidative pyrolysis. These halogen atoms are adsorbed onto the activated platinum surface of the detector probe assembly resulting in a thermionic emission. This emission current provides a corresponding voltage that is measured via an electrometer circuit in the detector controller.

Electron Capture Detector

Responds to halogenated compounds (i.e., chlorinated, fluorinated, brominated) only, and is more sensitive to compounds that are more highly halogenated. This results in a greater response to compounds like tetrachloroethene and trichloroethene versus cis-1,2-dichloroethene and vinyl chloride.

The ECD uses a radioactive beta emitter to ionize some of the carrier gas and produce a current between a biased pair of electrodes. When organic molecules contain electronegative functional groups, such as halogens, phosphorous, and nitro groups pass by the detector, they capture some of the electrons and reduce the current measured between the electrodes.

Photoionization Detector

Responds to all VOCs, including chlorinated compounds and petroleum hydrocarbons.

The PID sample stream flows through the detector's reaction chamber where it is continuously irradiated with high energy ultraviolet light. When compounds are present that have a lower ionization potential than that of the irradiation energy (10.6 electron volts with standard lamp), they are ionized. The ions formed are collected in an electrical field, producing an ion current that is proportional to compound concentration. The ion current is amplified and output by the gas chromatograph's electrometer.

Flame Ionization Detector

Responds to combustible VOCs only (i.e., petroleum hydrocarbons).

The FID consists of a hydrogen / air flame and a collector plate. The effluent from the gas chromatograph (trunkline) passes through the flame, which breaks down organic molecules and produces ions. The ions are collected on a biased electrode and produce an electric signal.

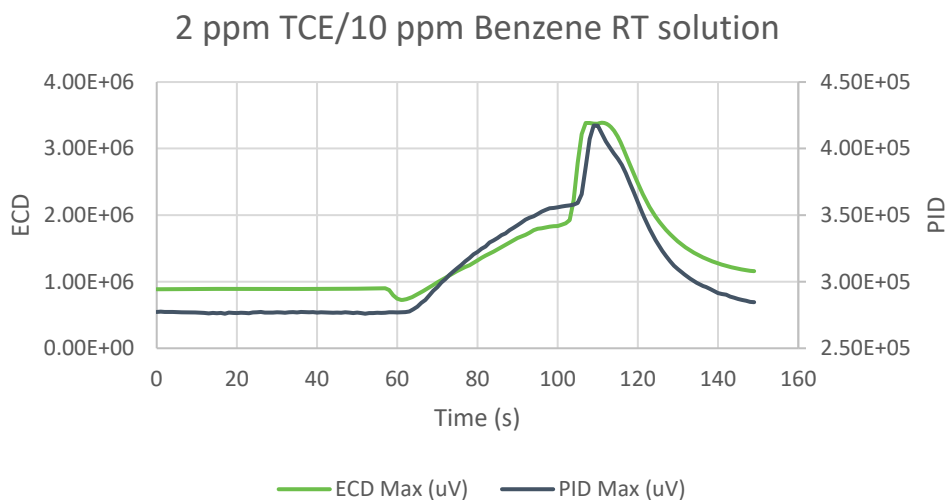
Response Testing

Response testing (RT) is an integral part of ensuring the quality of data from the MIP system. Response testing is conducted before and after each log to ensure the validity of the data and the integrity of the system. The RT provides a traceable indication that the MIP system detectors are adequately responding and allows the carrier gas trip time to be calculated on the physical components of the system.

Cascade uses acceptance criteria to evaluate the RTs as described in the manufacturer's SOP. The acceptable criteria for an RT is defined for specified concentrations of RT solution and a specified carrier gas trunkline flow rate. Documenting the RTs provides a level of quality assurance for each MIP project and allows operators and data reviewers to identify systems in need of maintenance.

CASCADE HIGH RESOLUTION SITE CHARACTERIZATION

The trip time is measured by recording the time between the moment when the testing vial is placed over the membrane and the response of the detectors, as viewed on the MIP data acquisition unit. The baseline and peak response value are also recorded for comparison with other MIP response tests. The trip time is entered manually into the data acquisition system account for the time it takes for compounds in the subsurface to travel the length of the trunkline during the MIP boring, thereby increasing the accuracy of depth measurements.



An example response test for trichloroethene and benzene

MIP Data Interpretation

Detector responses, measured in microVolts (μV), are a semi-quantitative indication of relative contaminant concentrations. Minimum and maximum detector responses are collected at each depth interval. A comparison of the responses of the four detectors at each interval is necessary to gather the most information about the compounds present. In general, responses on the XSD, ECD, and PID indicate the presence of chlorinated compounds (i.e., no response on the FID). Responses only on the PID and FID indicate that petroleum hydrocarbons are present. In some cases, comparison of the magnitudes of the XSD and ECD responses can indicate whether the mix of chlorinated compounds is more degraded (e.g., lower ECD responses than those on the XSD) or more source-enriched (e.g., higher ECD responses than those on the XSD). Similar comparison can be accomplished with the PID and FID data: higher responses on the FID indicate the presence of a higher percentage of combustible hydrocarbon compounds.

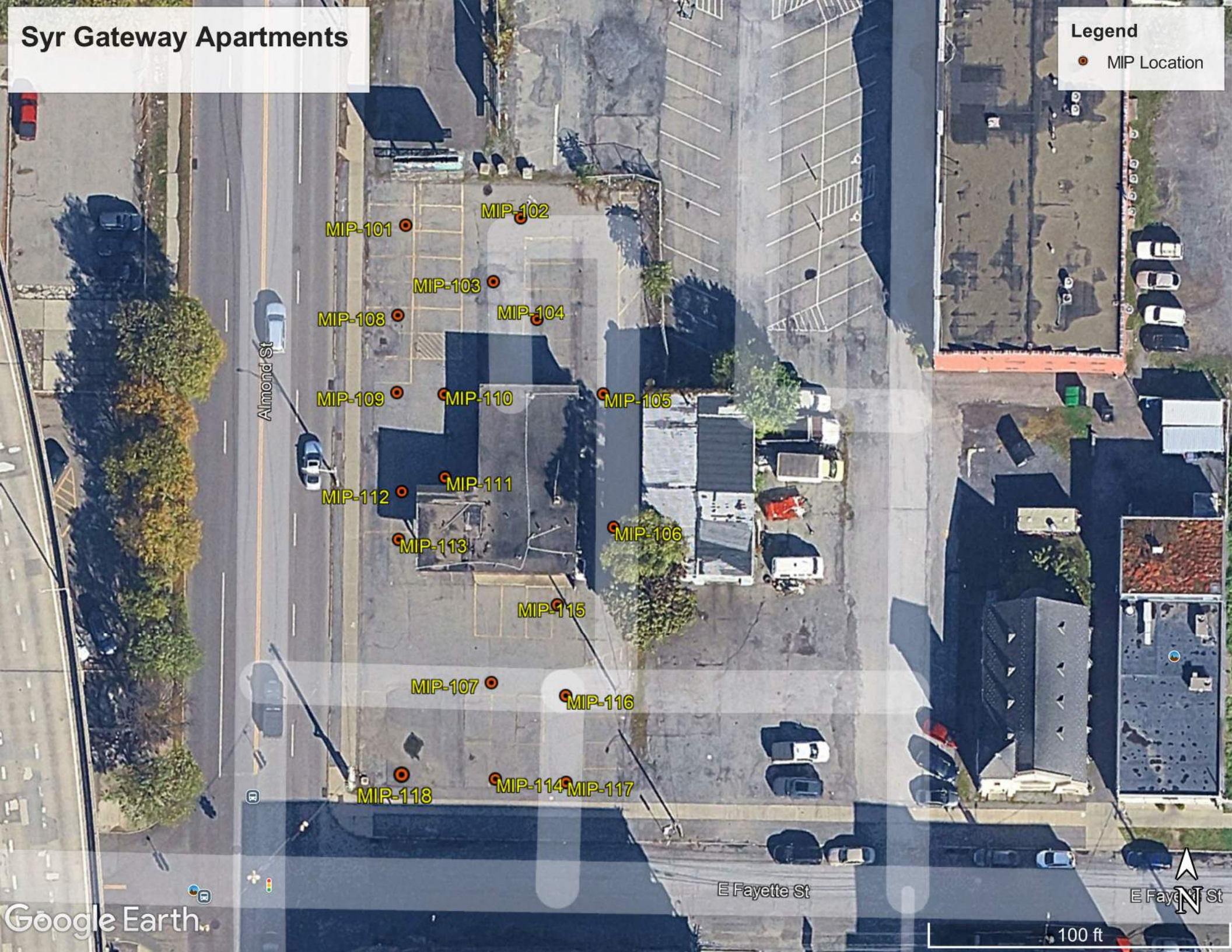
Confirmatory soil borings are recommended following each MIP investigation. The confirmatory program should be designed to include a small number of boring locations advanced in the immediate vicinity of the MIP locations. The design of this confirmatory boring program will be dependent on the goals of the overall investigation and the specific site conditions. Generally, areas with high detector responses should be targeted for soil sample collection, as well as areas on the boundary of the impacted zone where there are important considerations (nearby receptors, property boundaries, important design considerations for future remediation, etc.).



SITE PLAN

Syr Gateway Apartments

Legend
● MIP Location



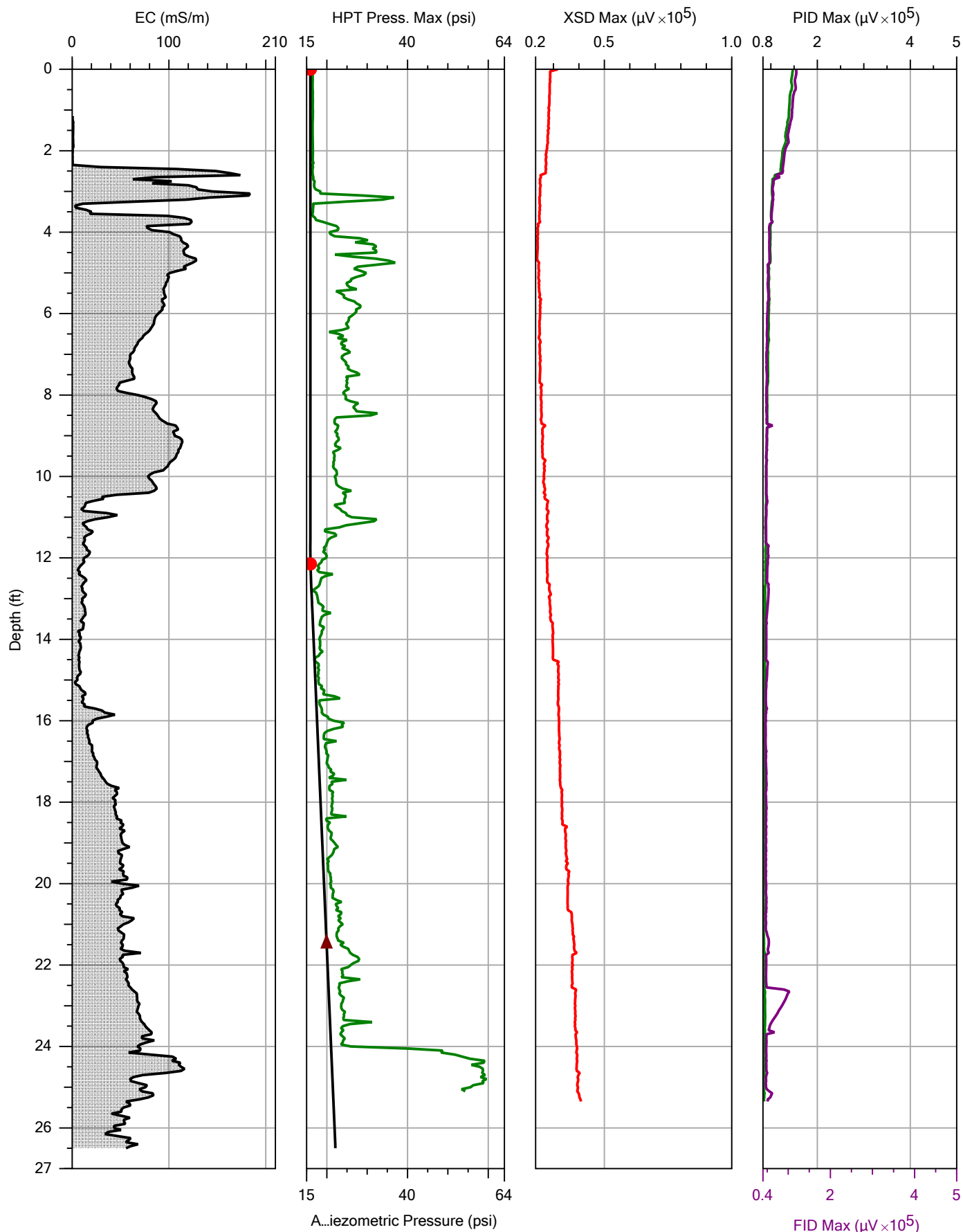
E Fayette St

E Fayette St

100 ft



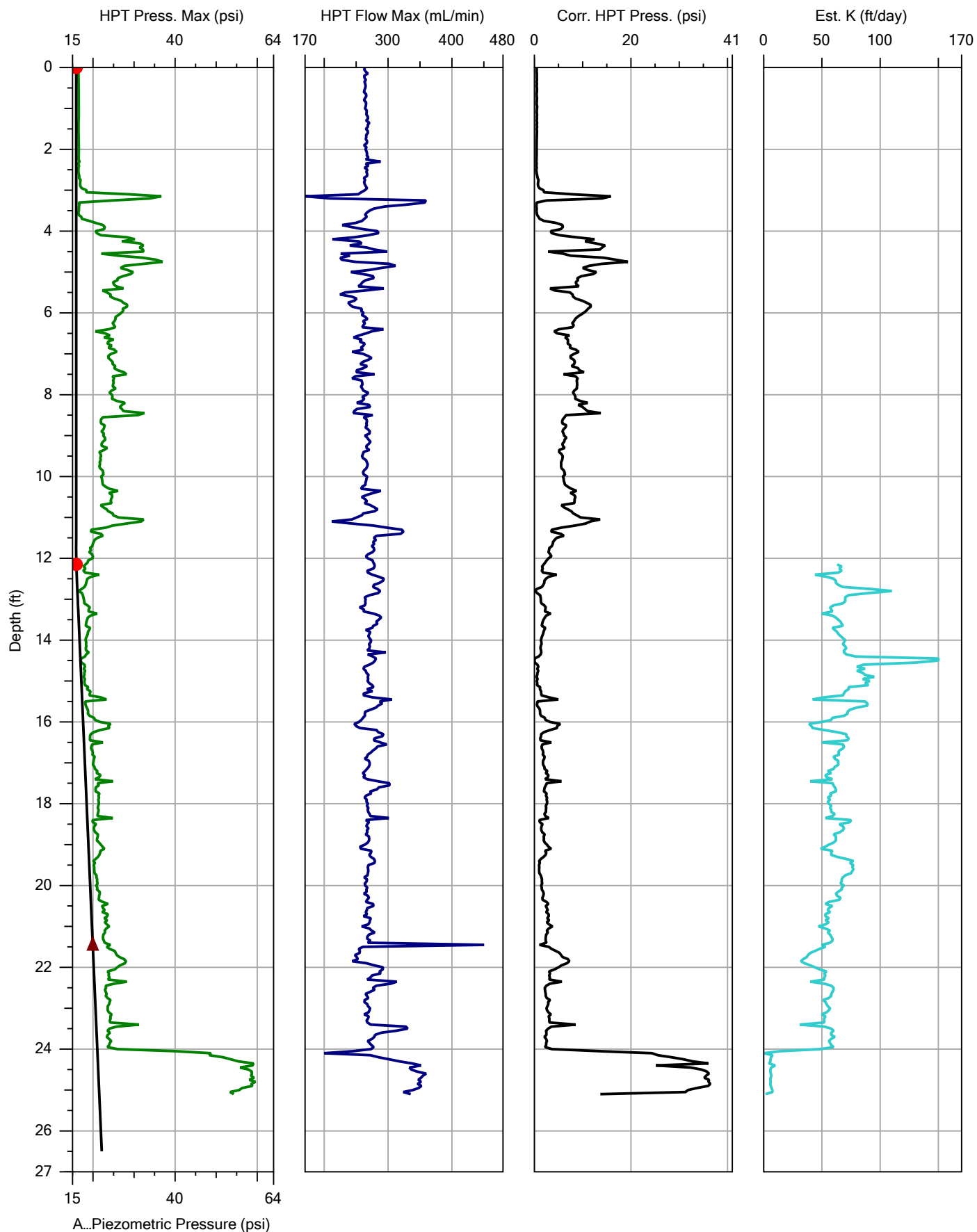
INVESTIGATION DATA PLOTS



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

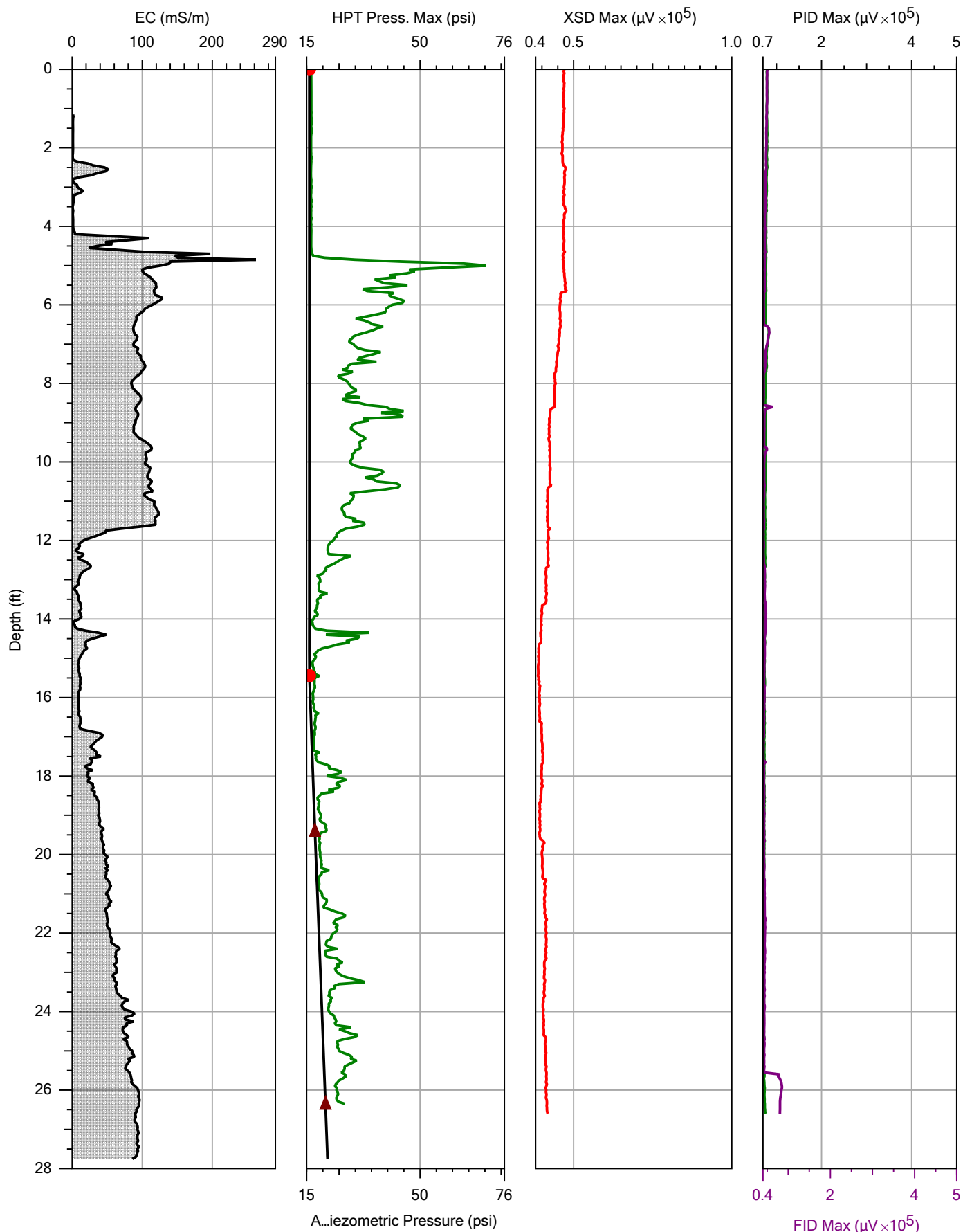
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Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

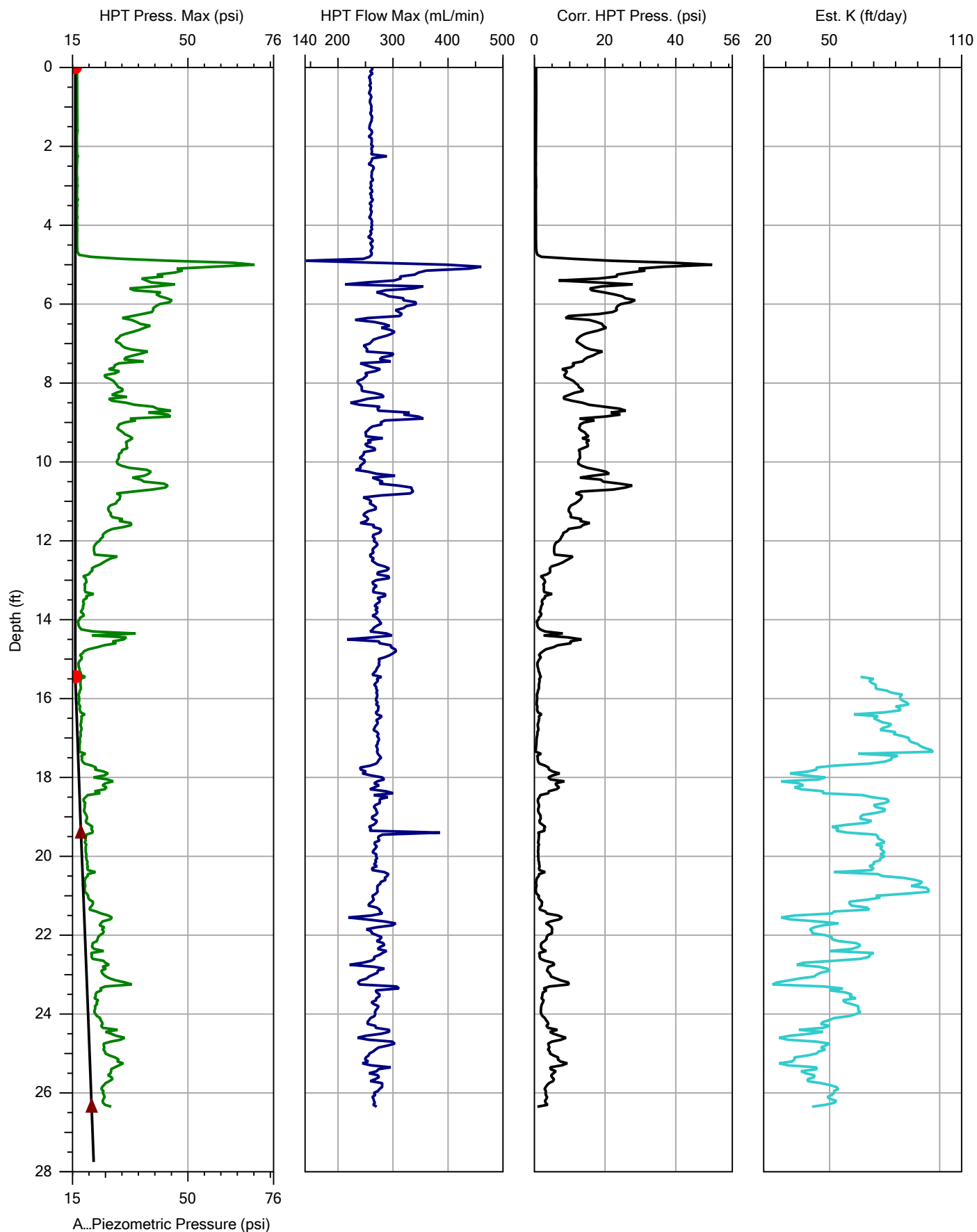
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 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

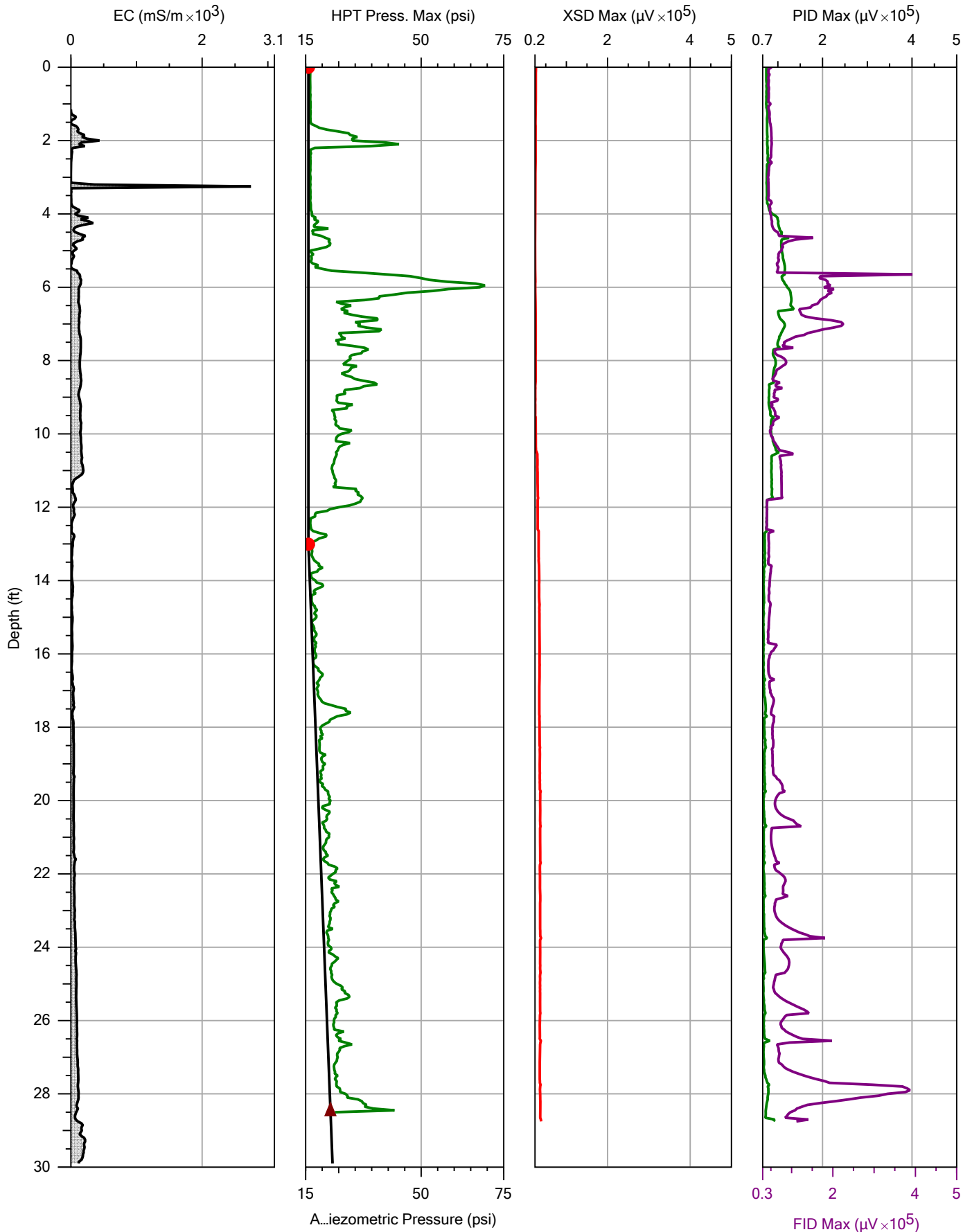
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Project ID: Syr. Gateway Apartments

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Client: CHA

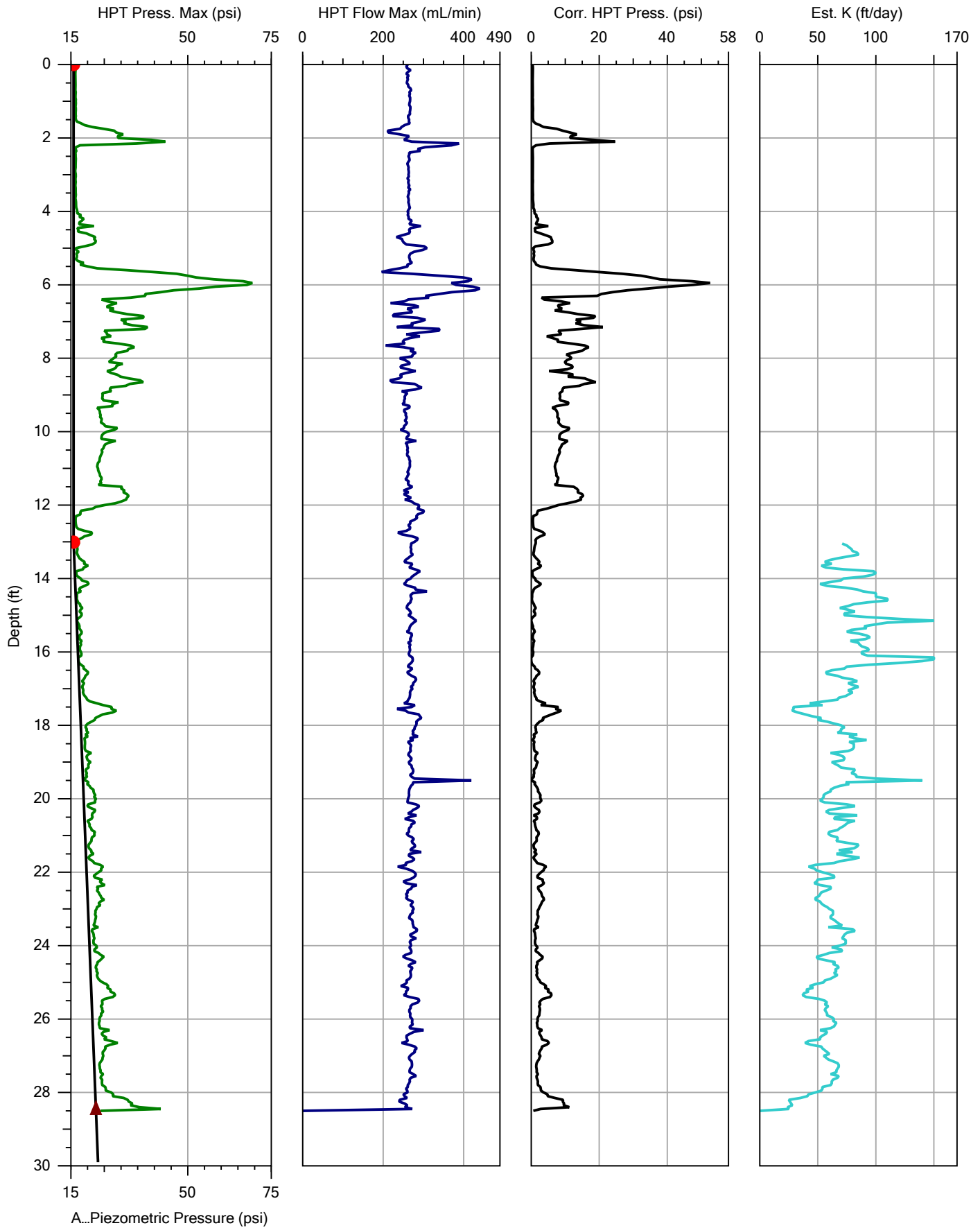
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 Project ID: Syr. Gateway Apartments

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 Client: CHA

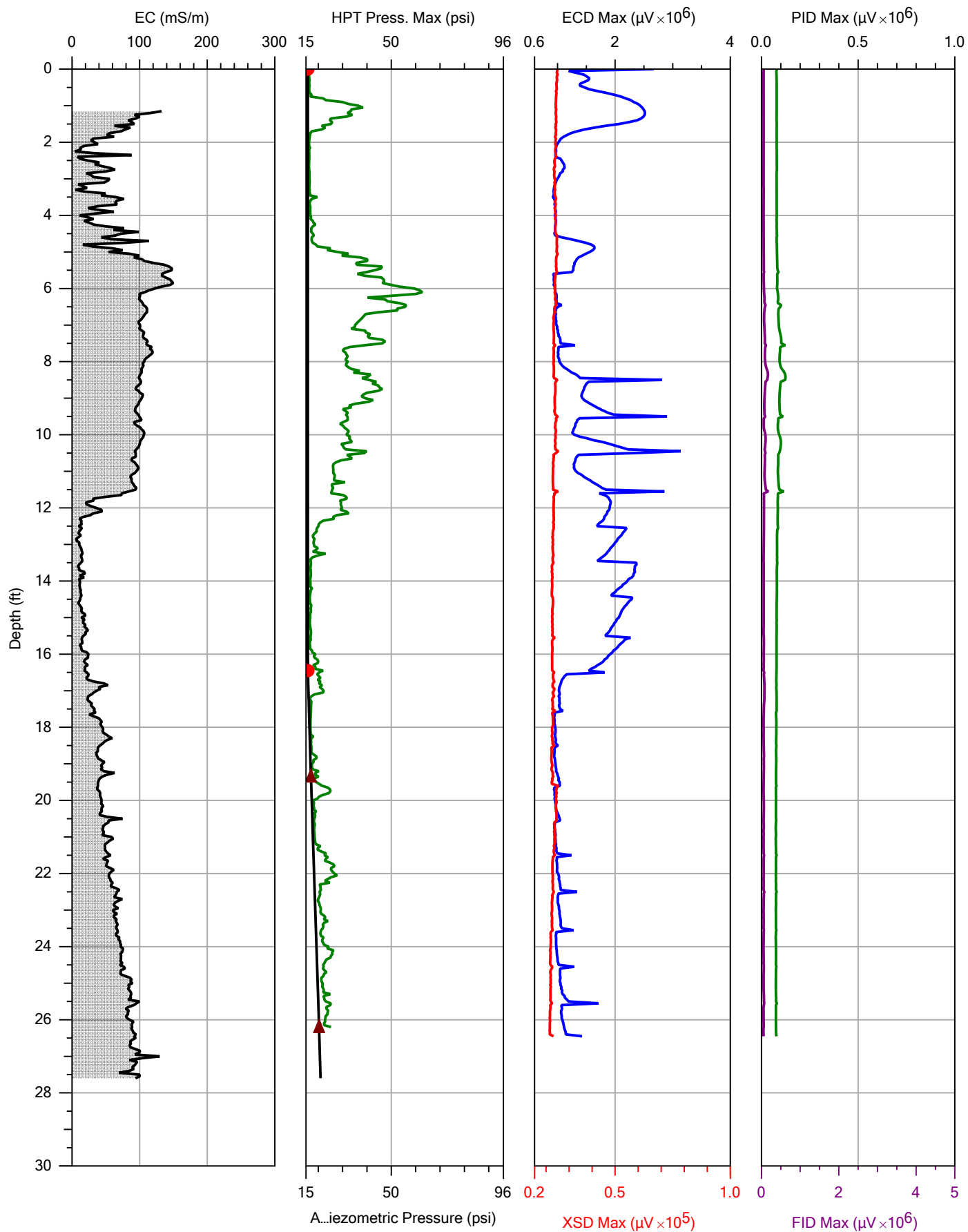
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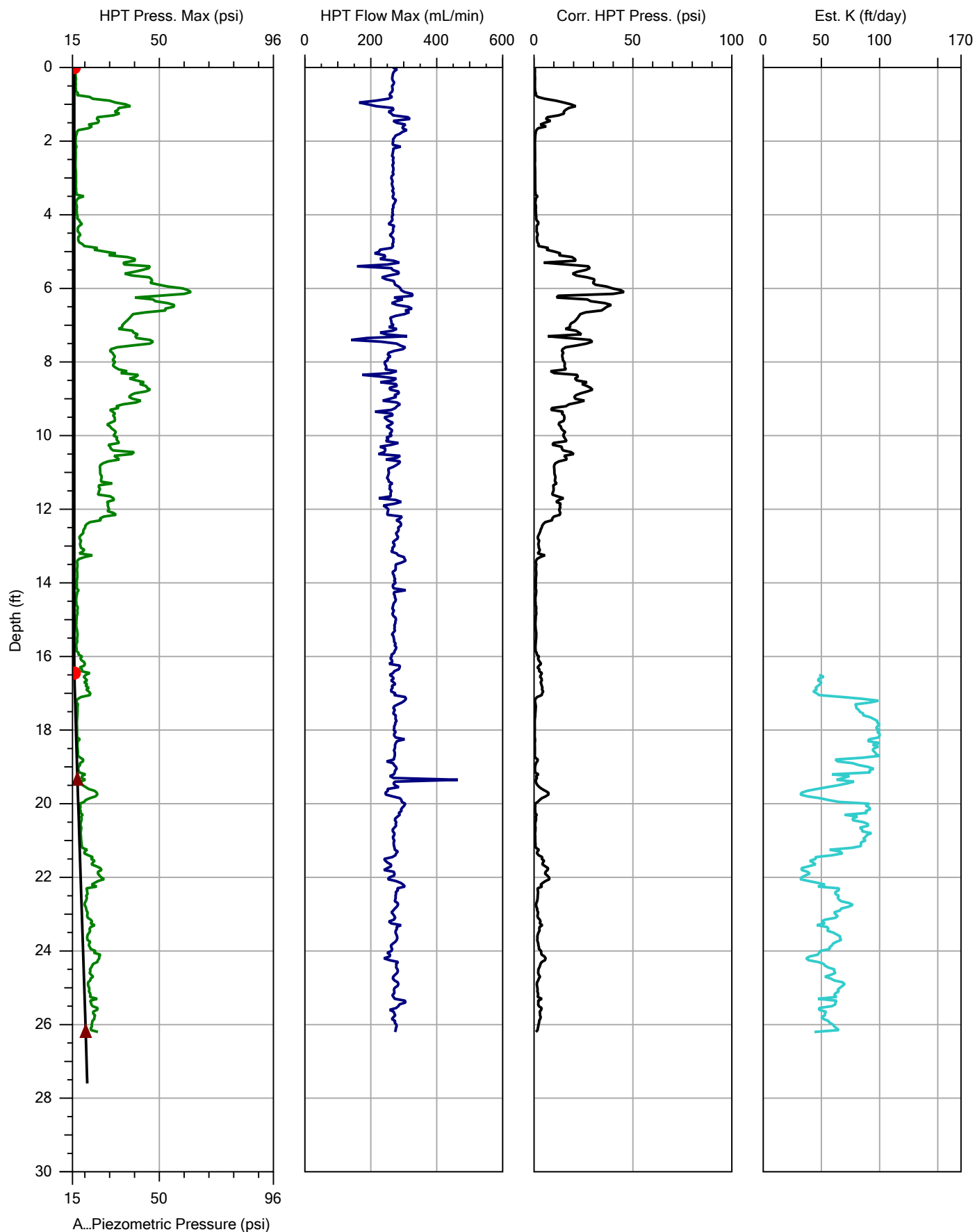
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Location:	Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

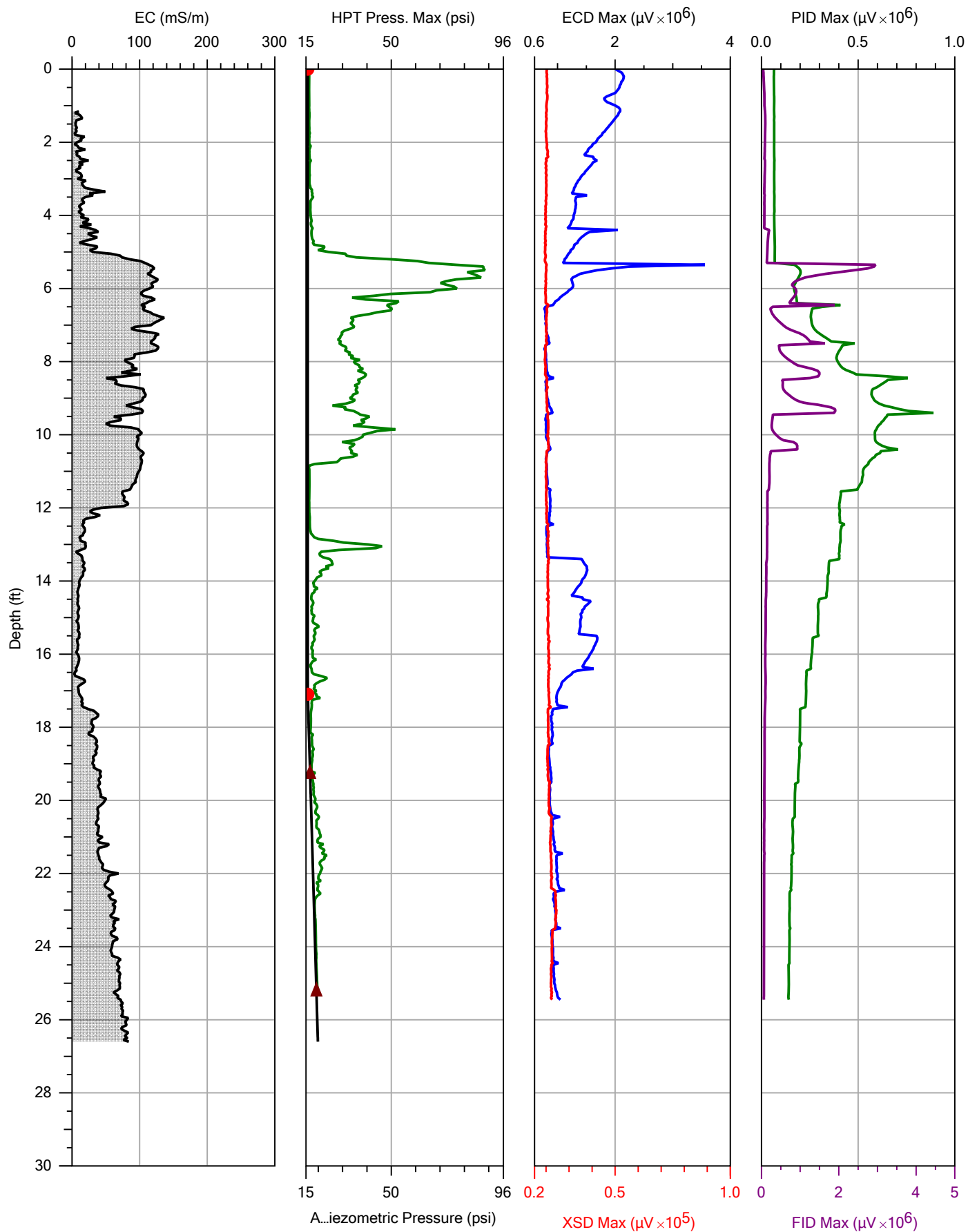
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Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

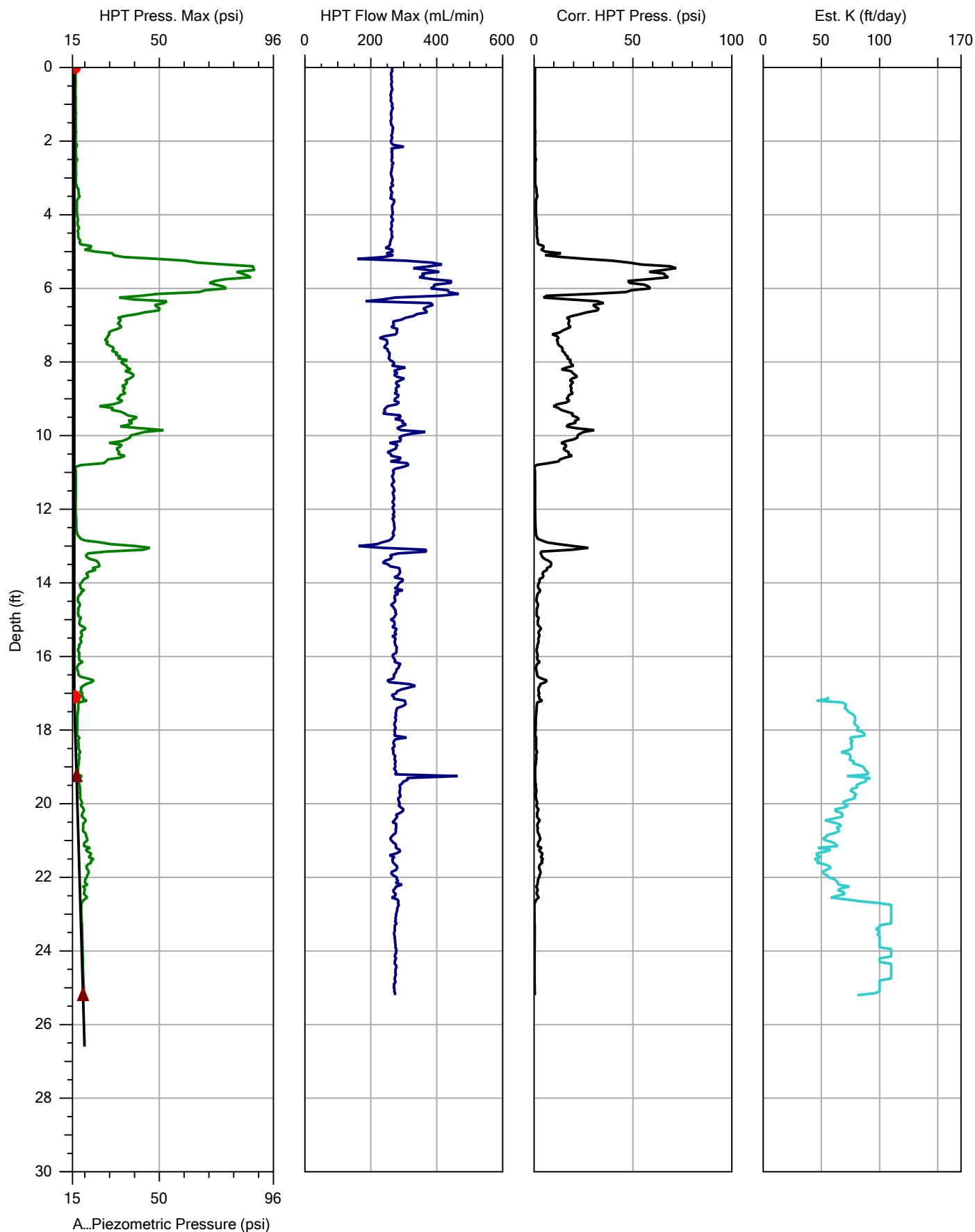
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 Date: 04/15/25
 Location: Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

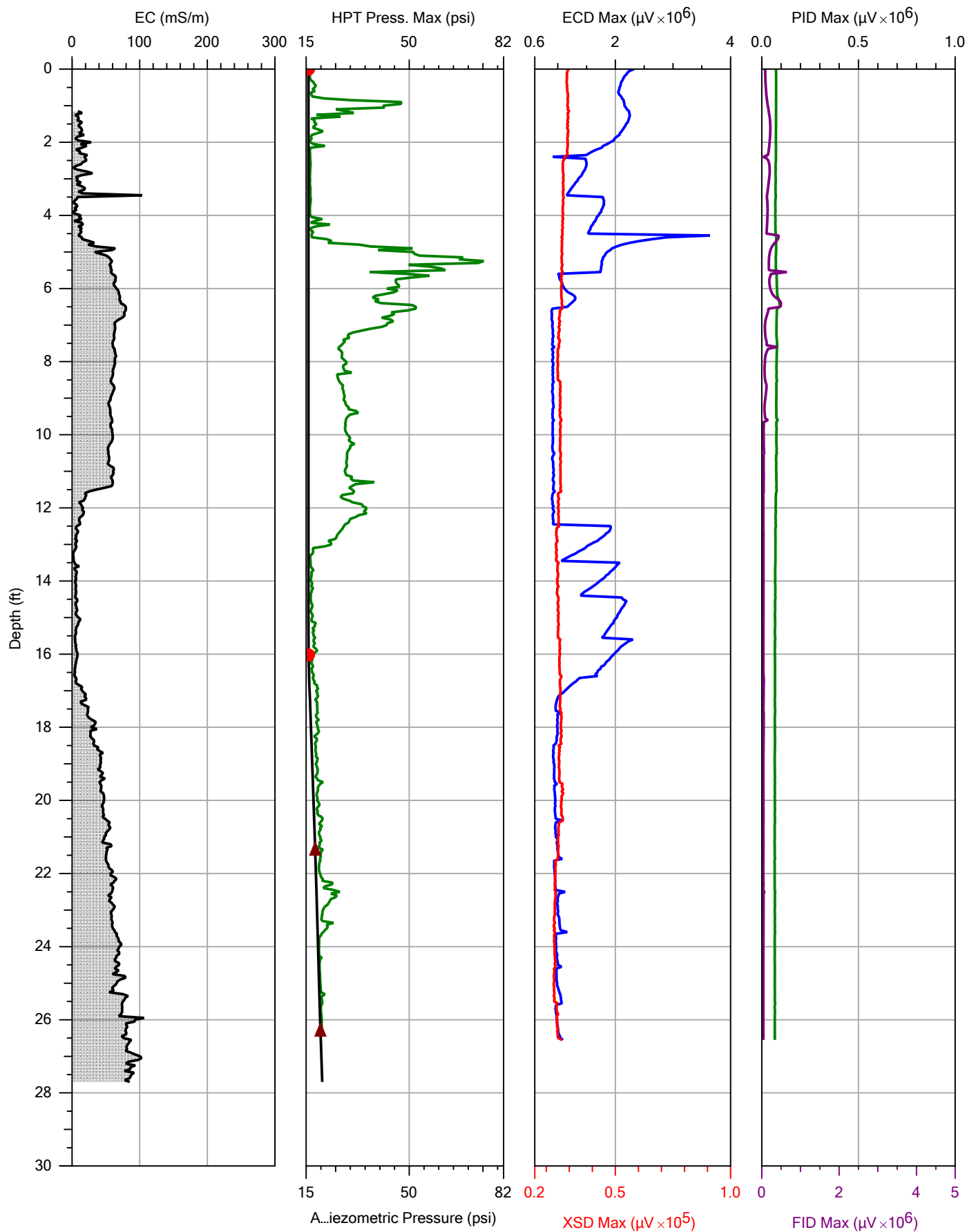
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Location:	Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

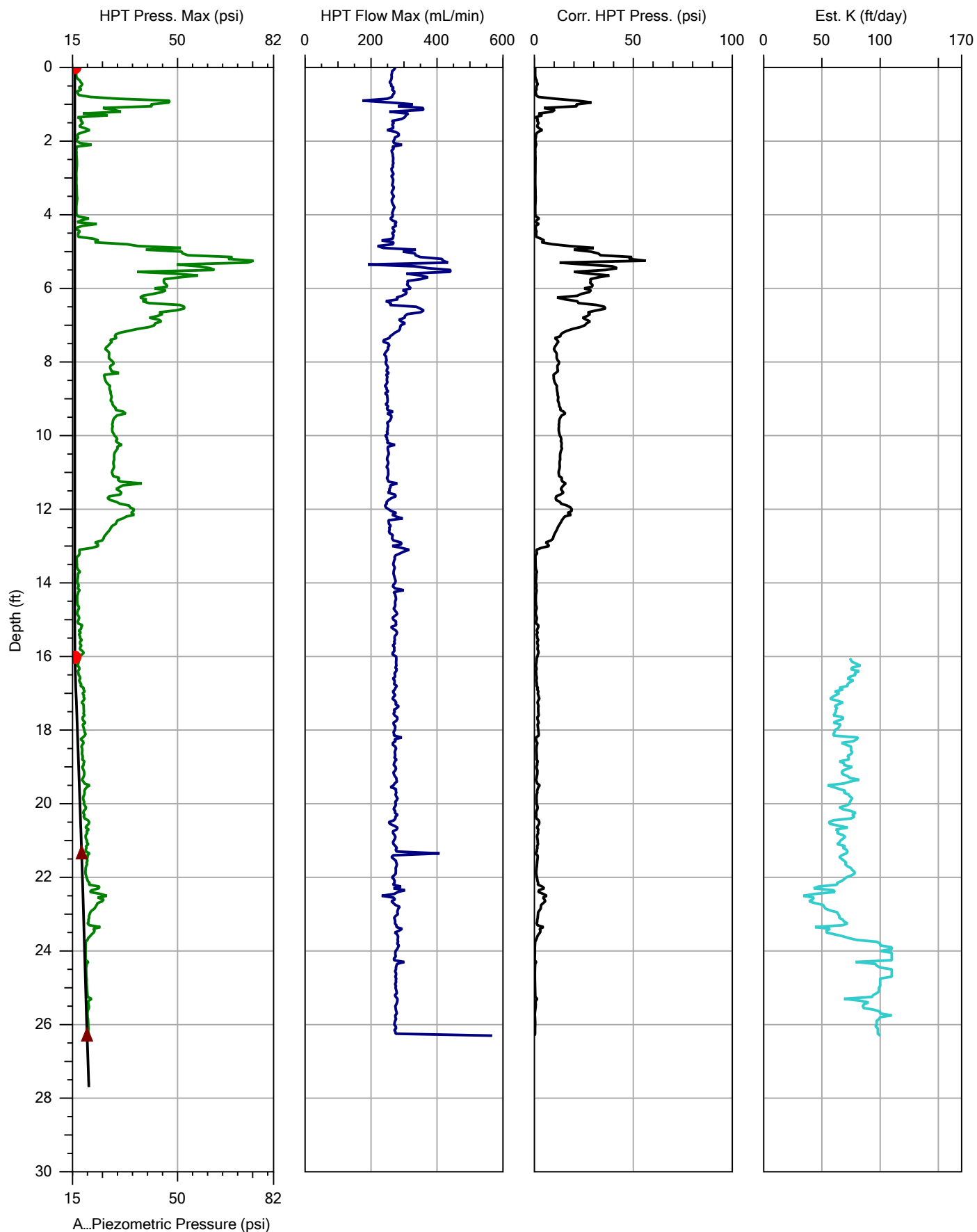
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Date:	04/15/25
Location:	Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

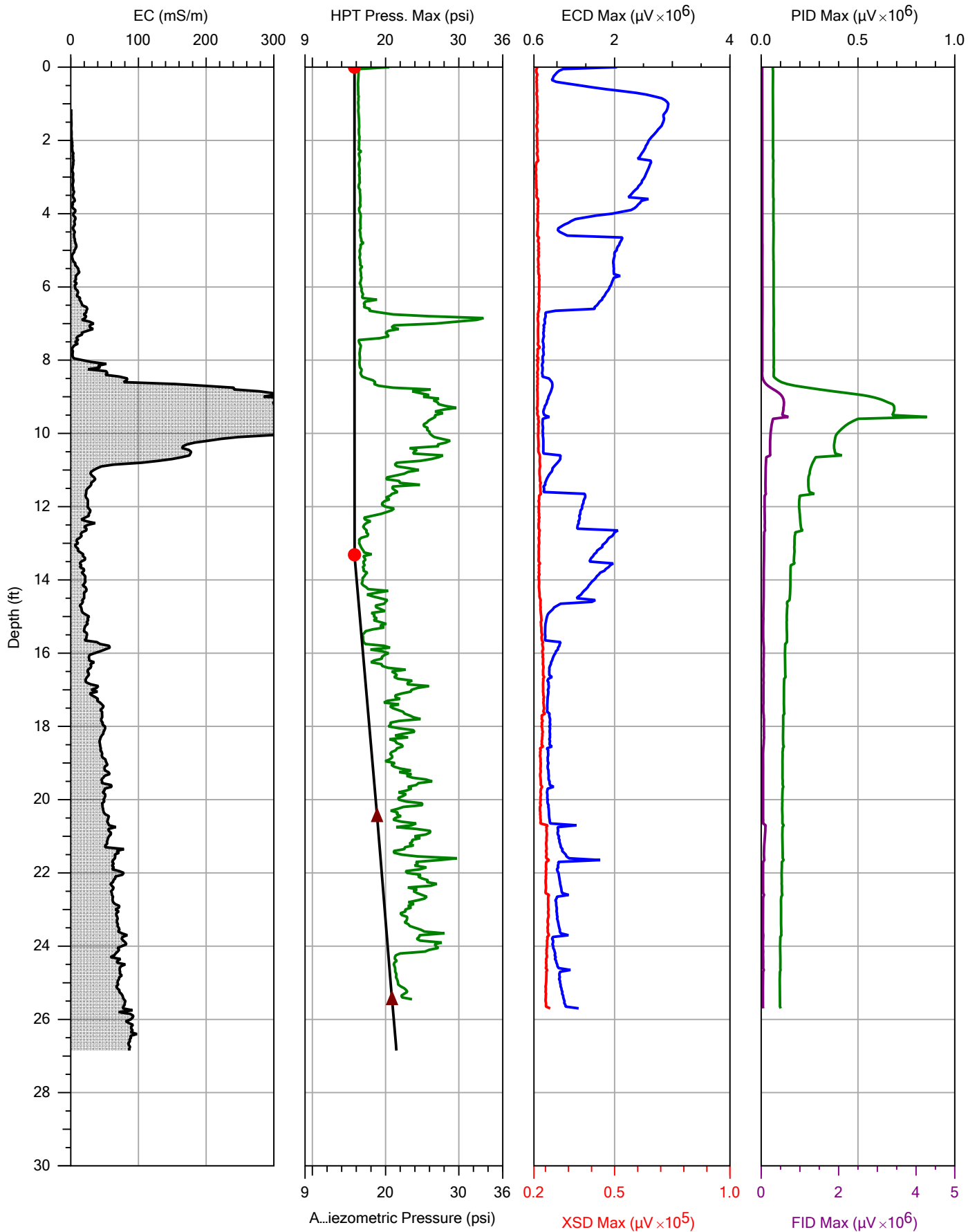
File: MIP-106.MHP
 Date: 04/15/25
 Location: Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

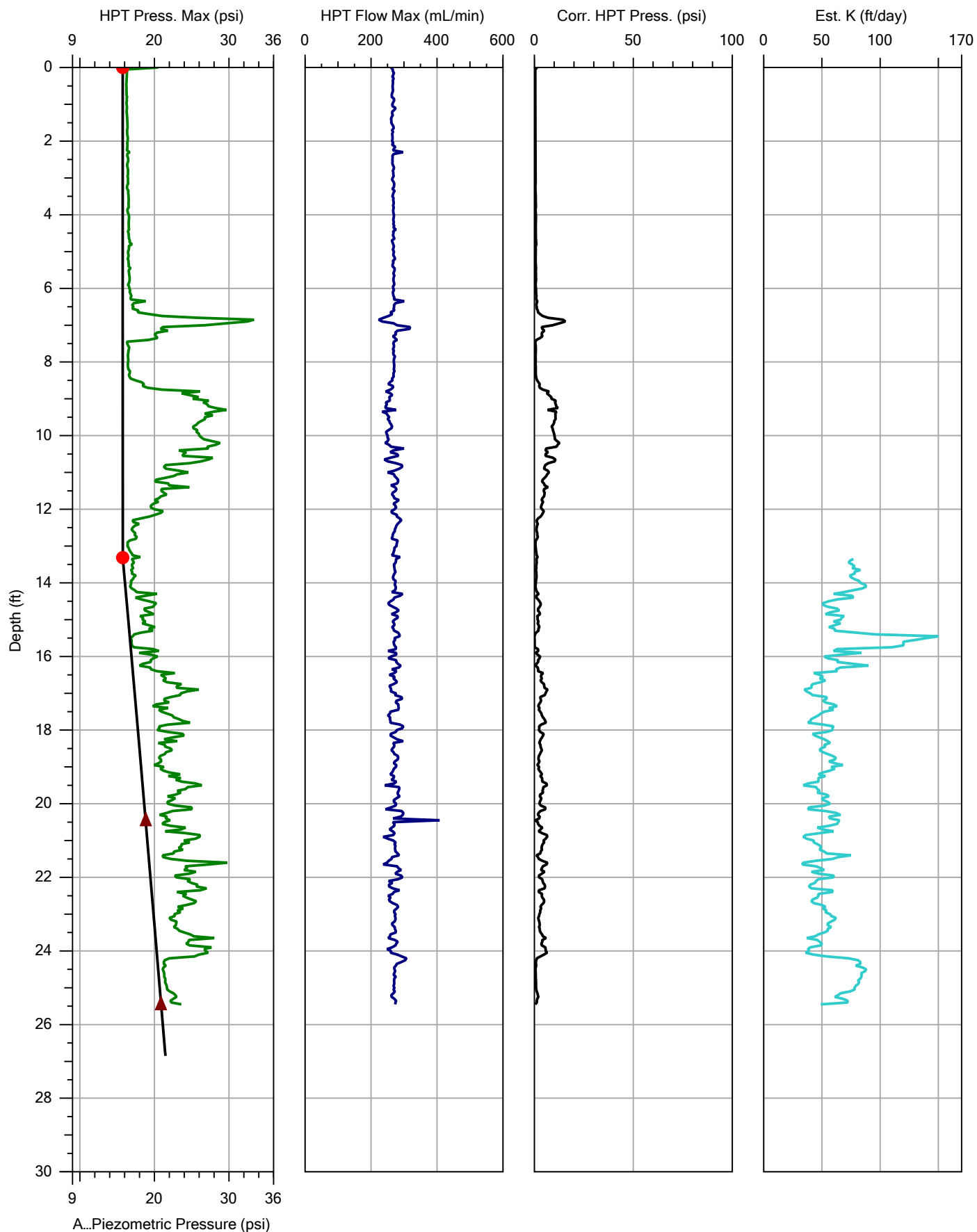
File:	MIP-106.MHP
Date:	04/15/25
Location:	Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

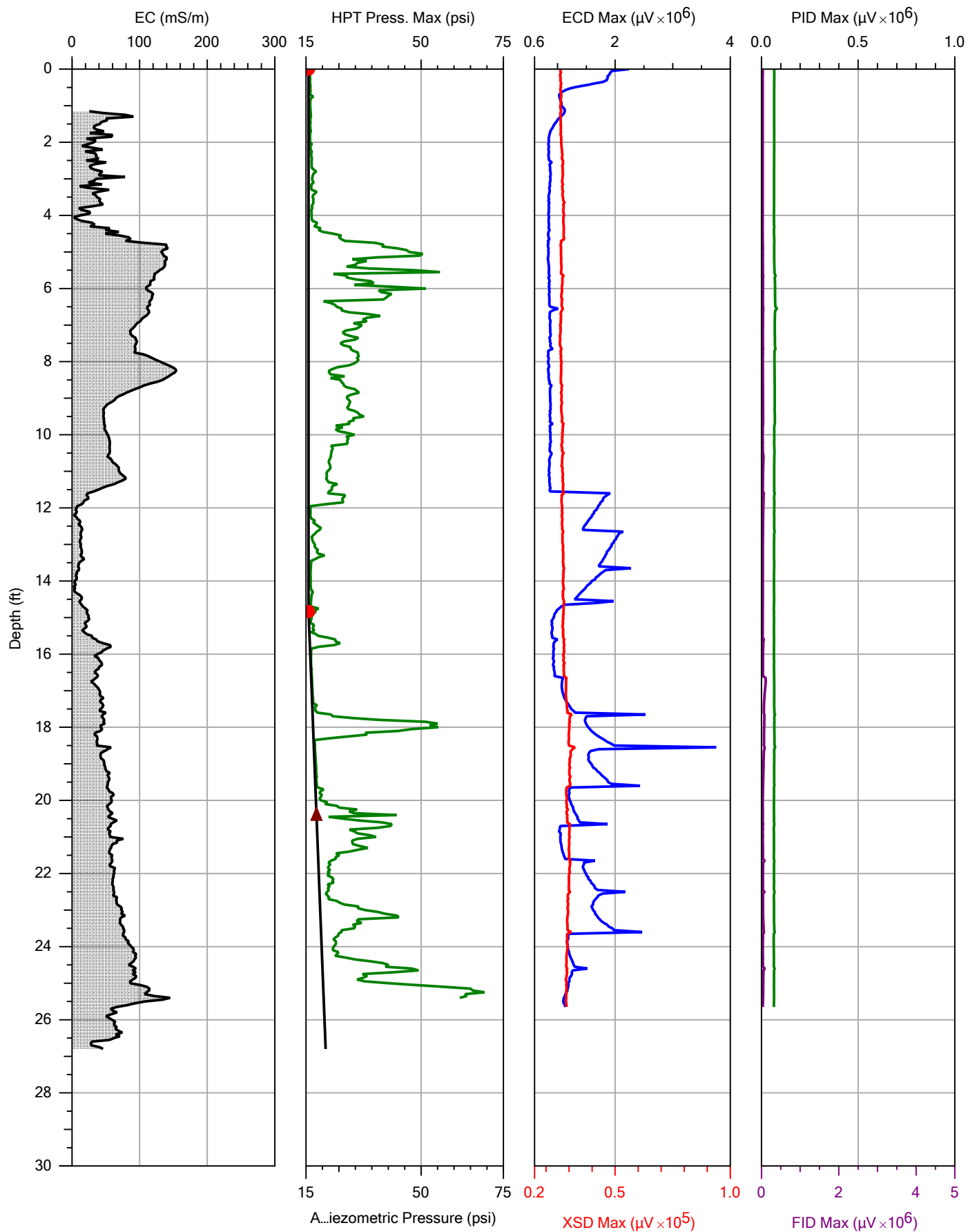
File:	MIP-107A.MHP
Date:	04/15/25
Location:	Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

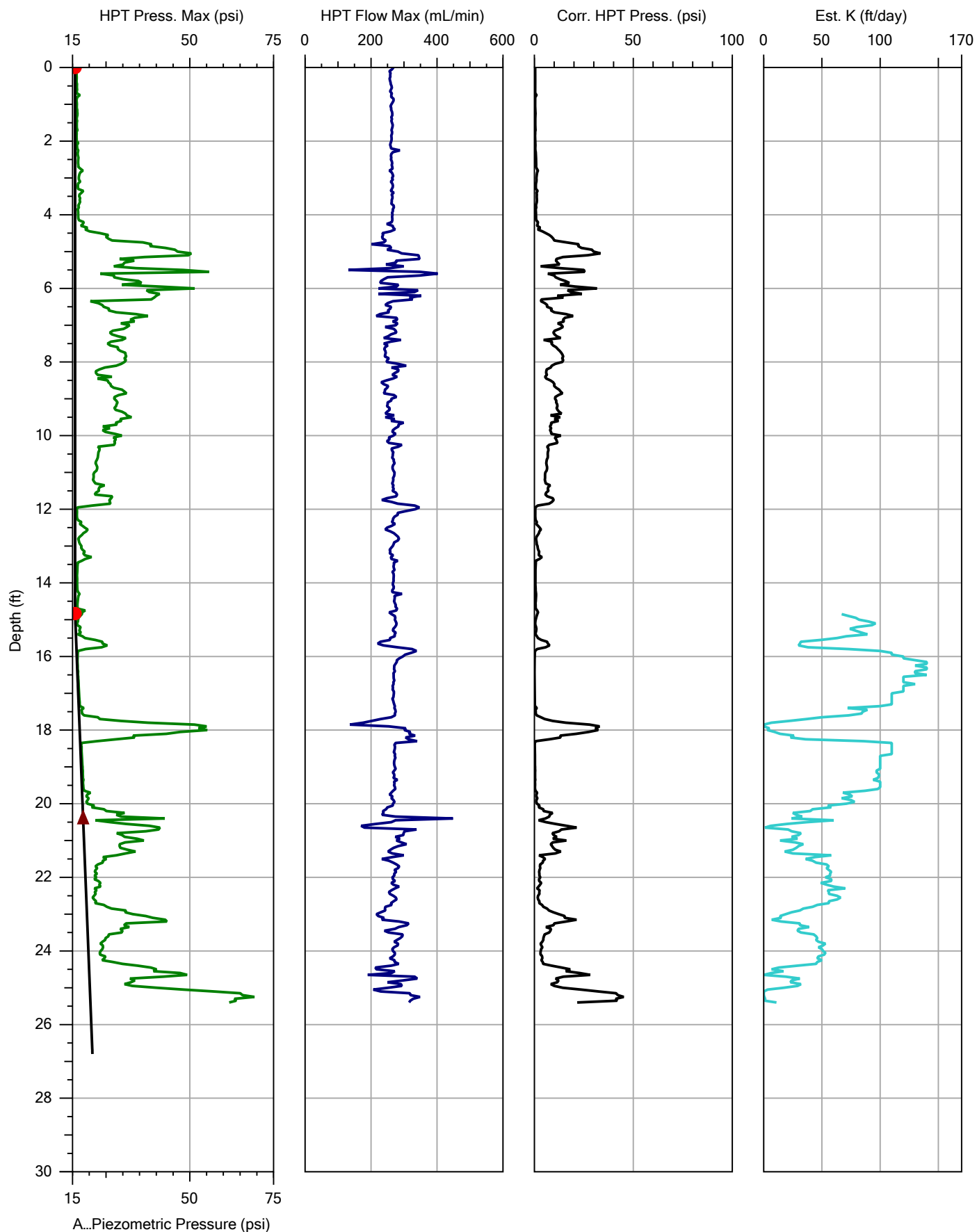
File:	MIP-107A.MHP
Date:	04/15/25
Location:	Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

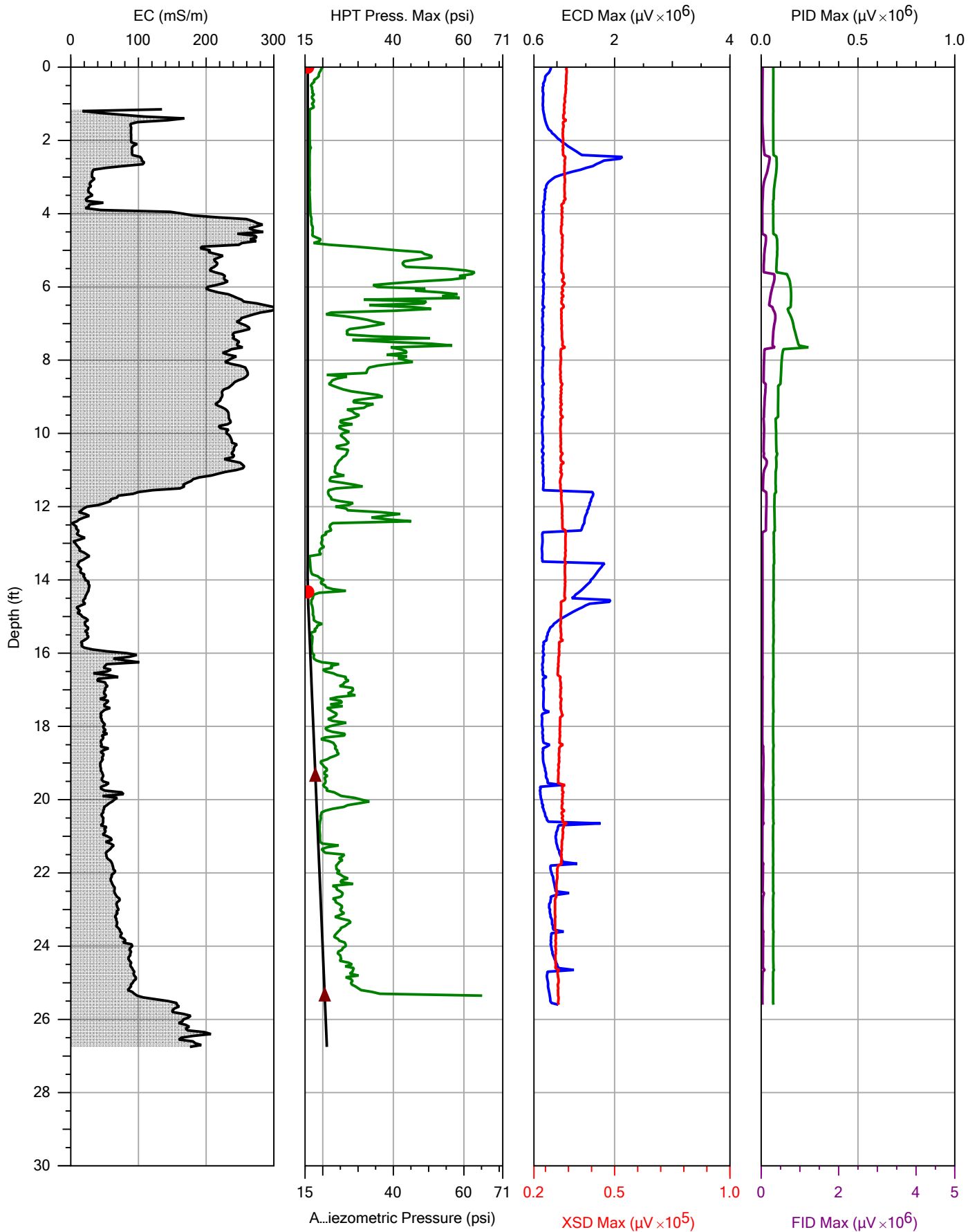
File:	MIP-108.MHP
Date:	04/15/25
Location:	Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

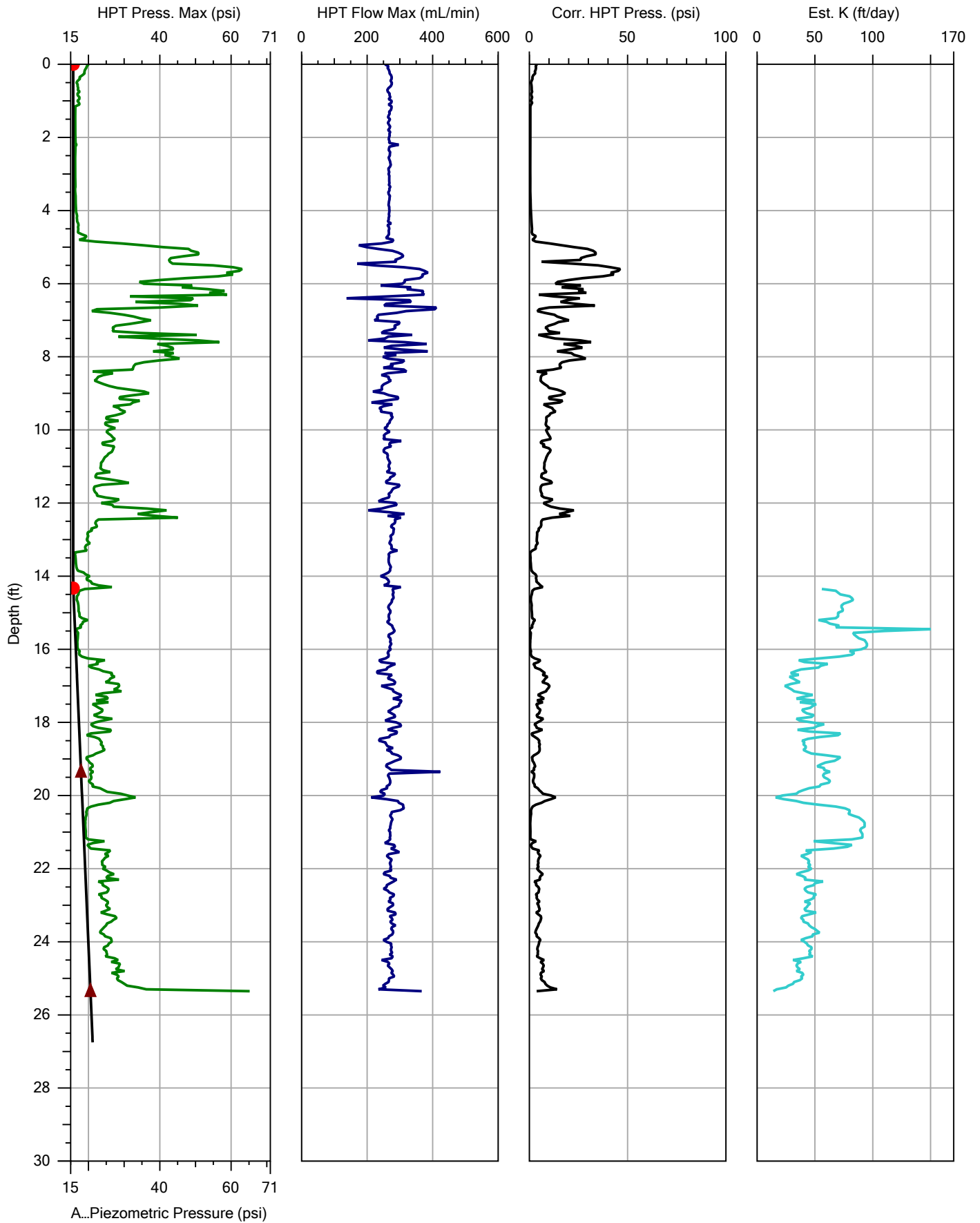
File:	MIP-108.MHP
Date:	04/15/25
Location:	Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

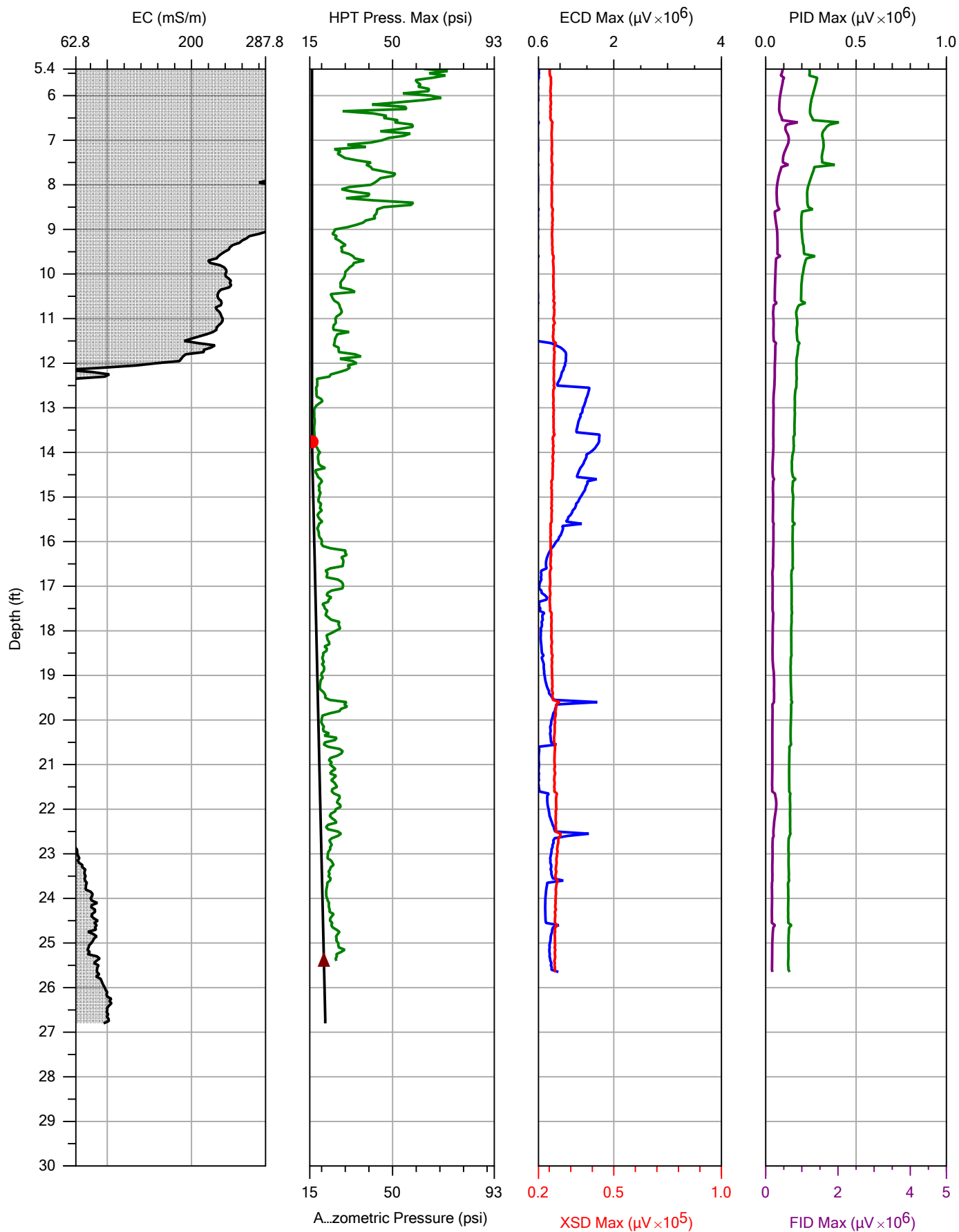
File:	MIP-109.MHP
Date:	04/15/25
Location:	Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

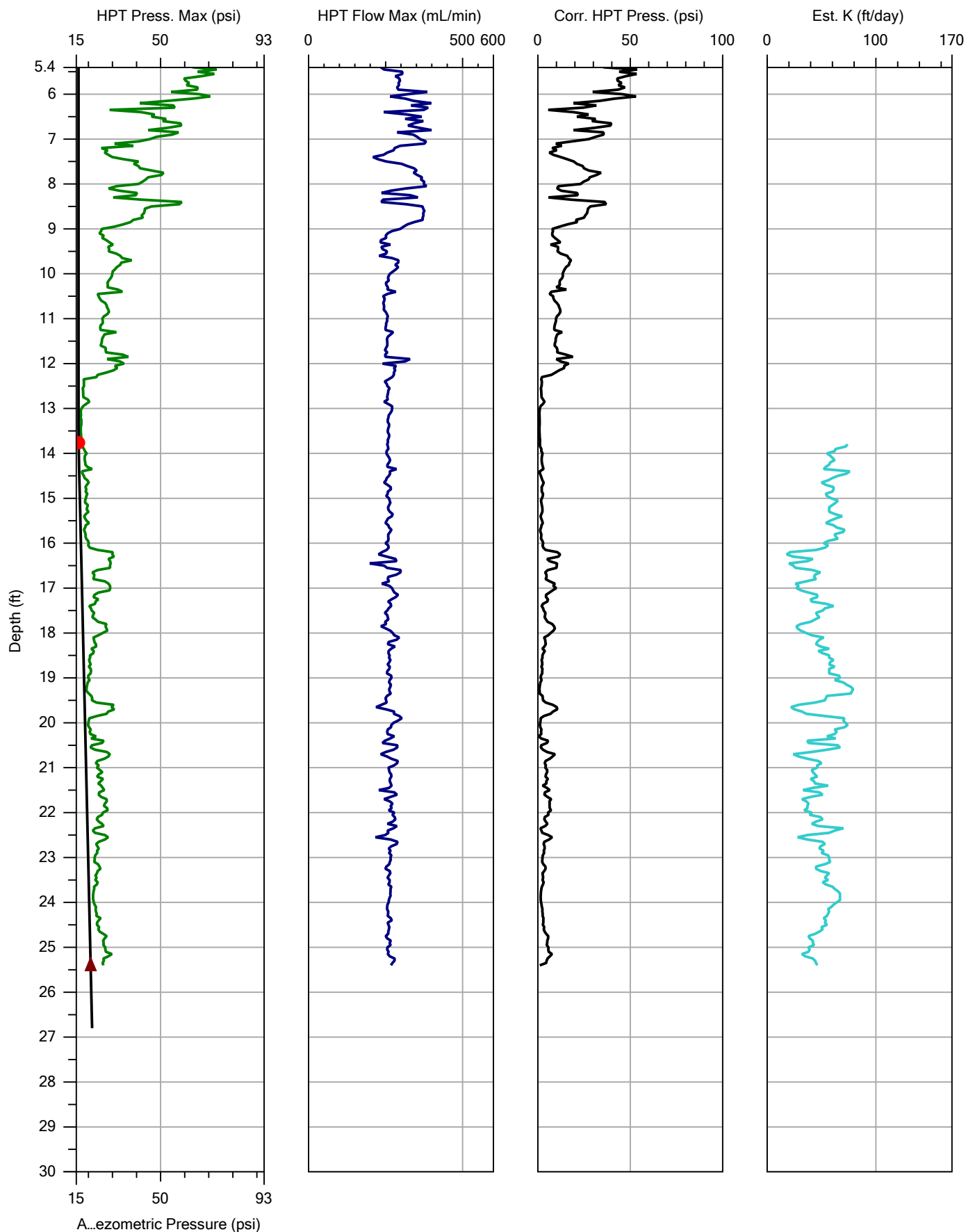
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Date:	04/15/25
Location:	Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

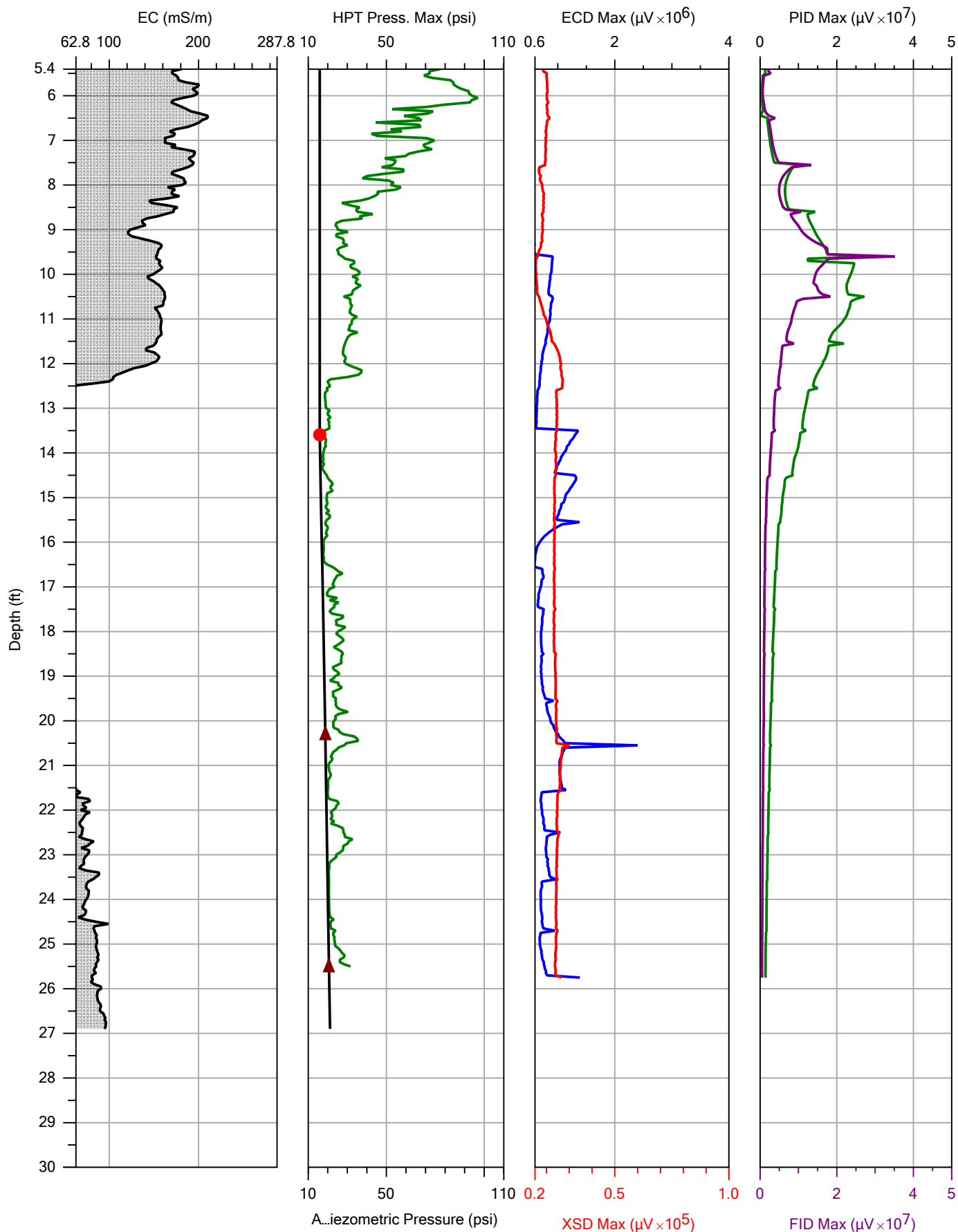
File: MIP-110.MHP
Date: 04/16/25
Location: Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

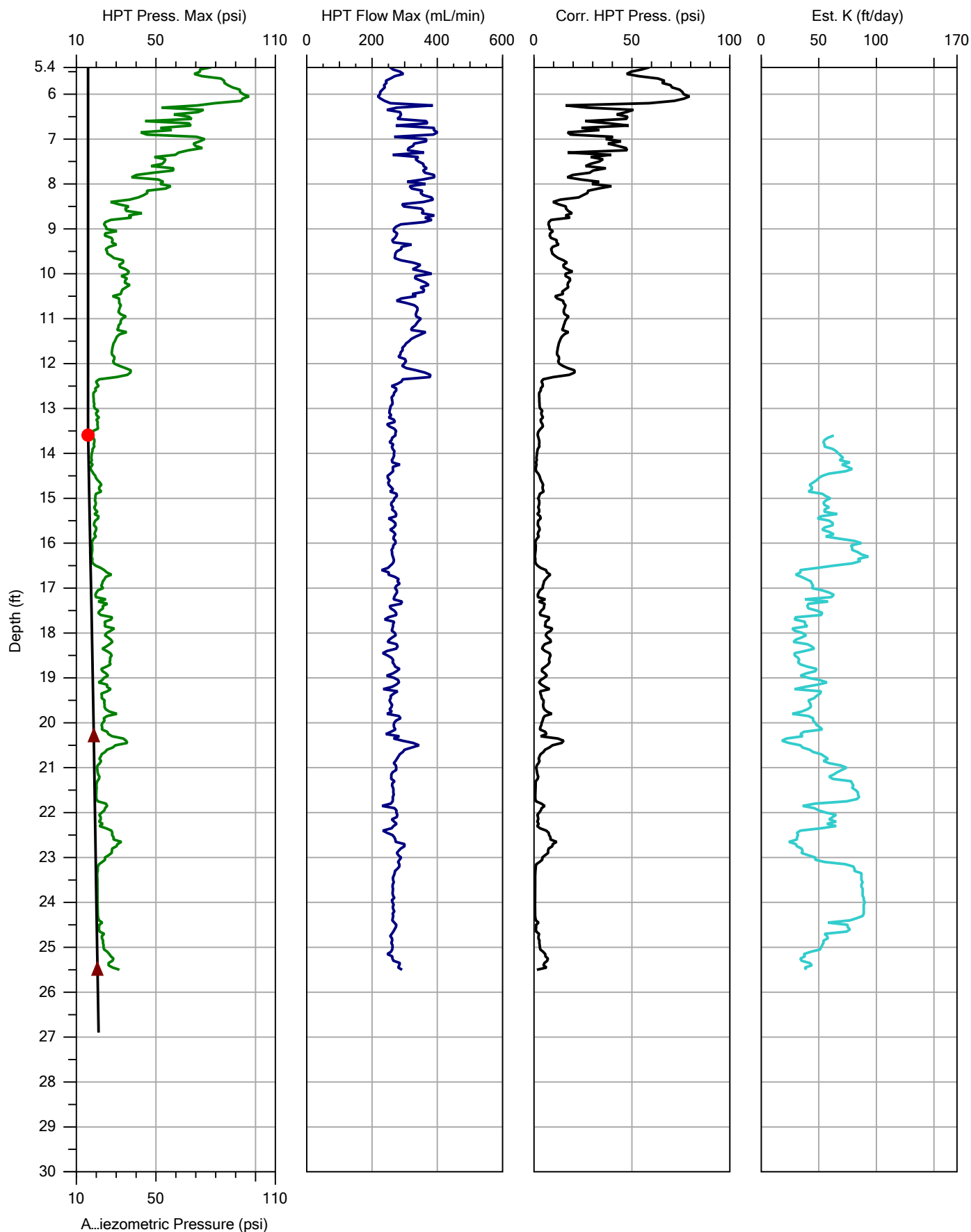
File: MIP-110.MHP
 Date: 04/16/25
 Location: Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

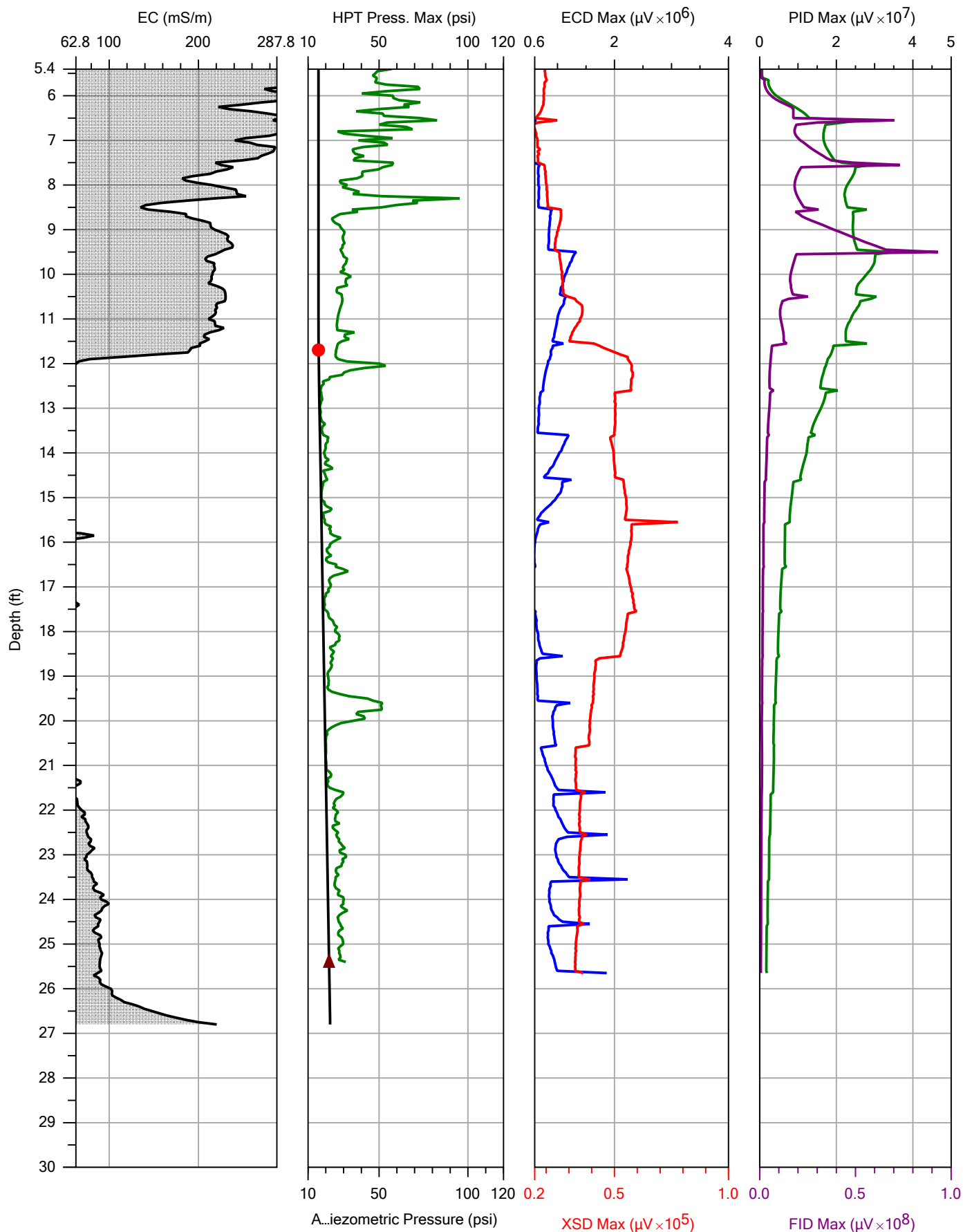
File:	MIP-111.MHP
Date:	04/16/25
Location:	Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

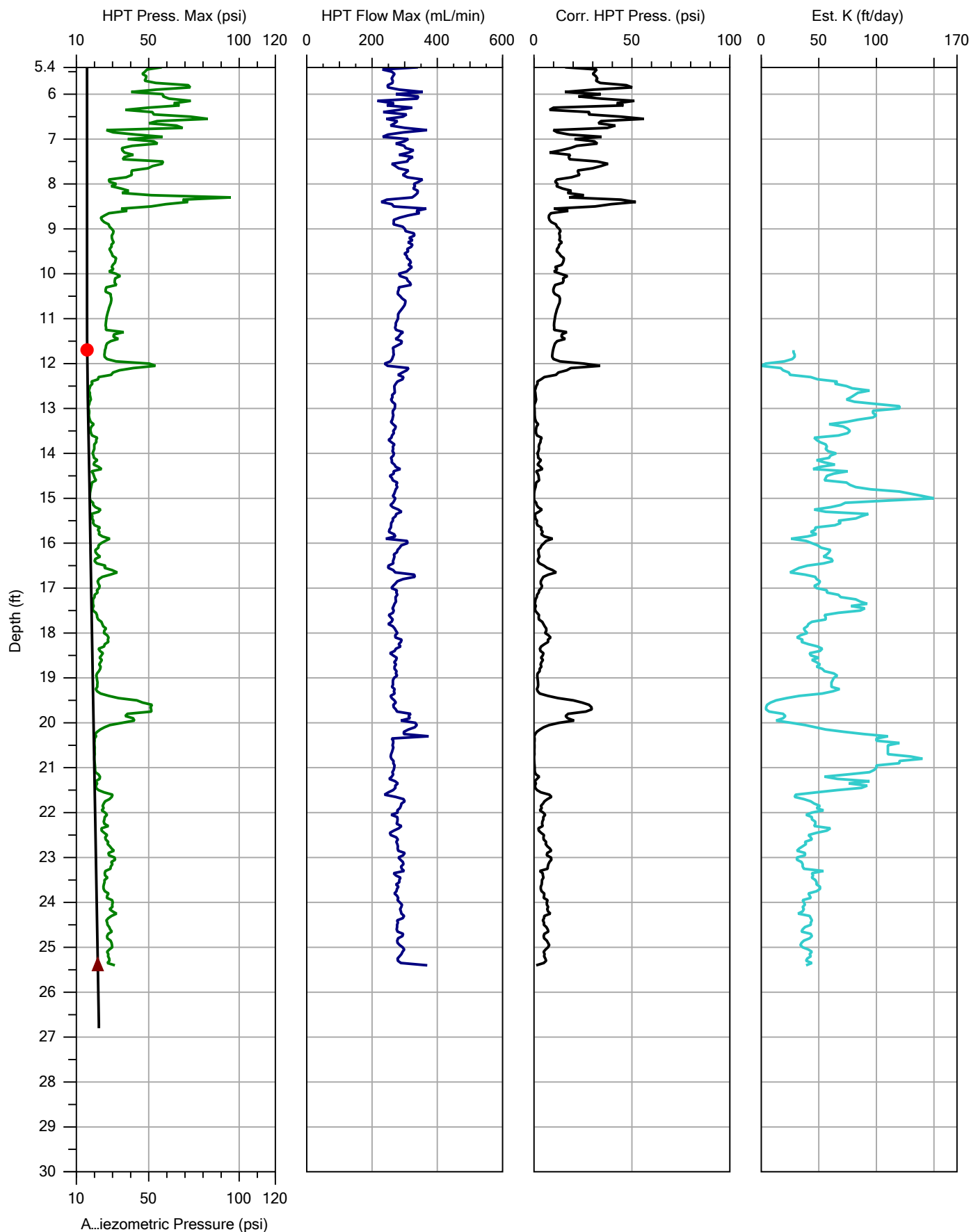
File: MIP-111.MHP
Date: 04/16/25
Location: Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

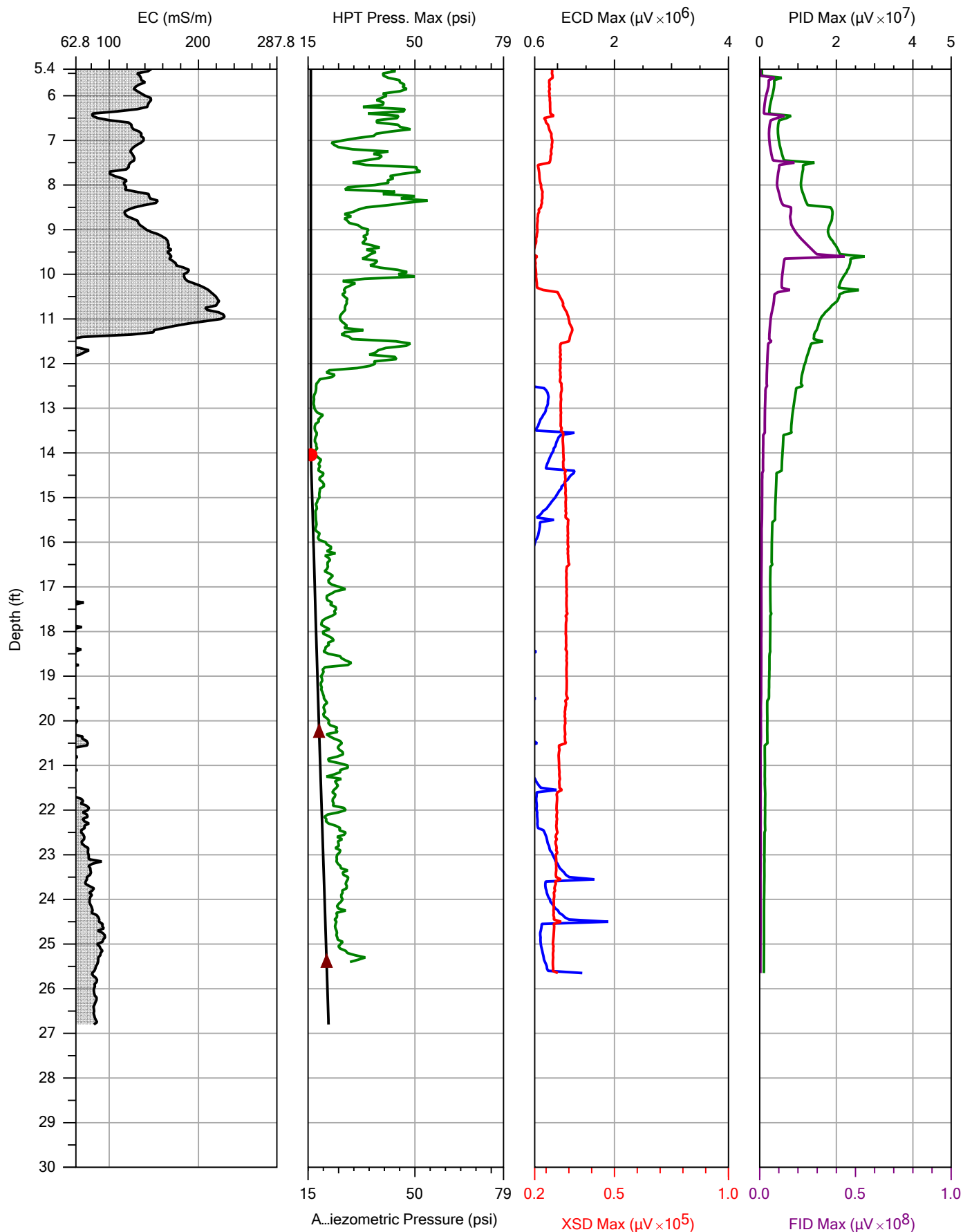
File:	MIP-112.MHP
Date:	04/16/25
Location:	Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

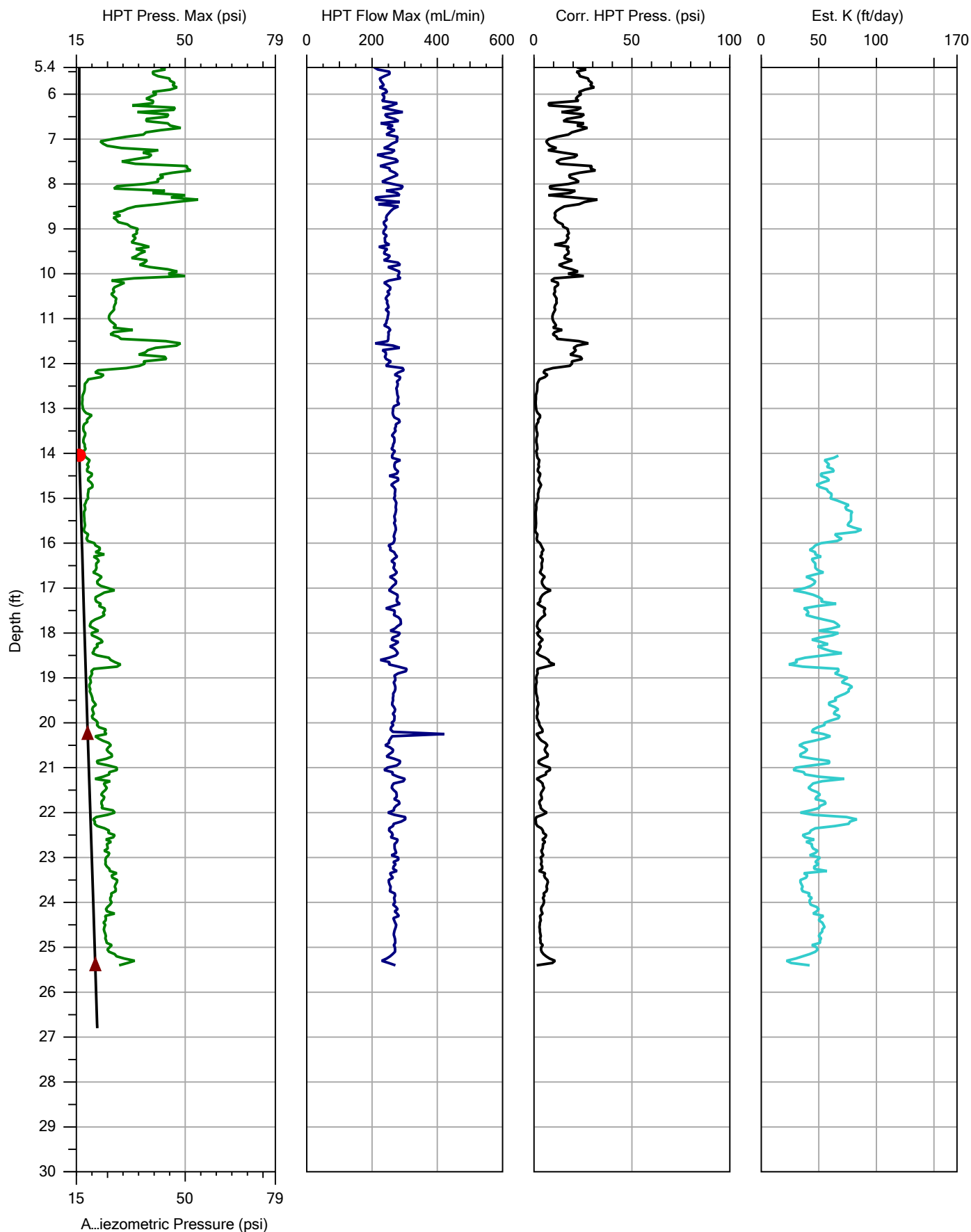
File: MIP-112.MHP
 Date: 04/16/25
 Location: Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

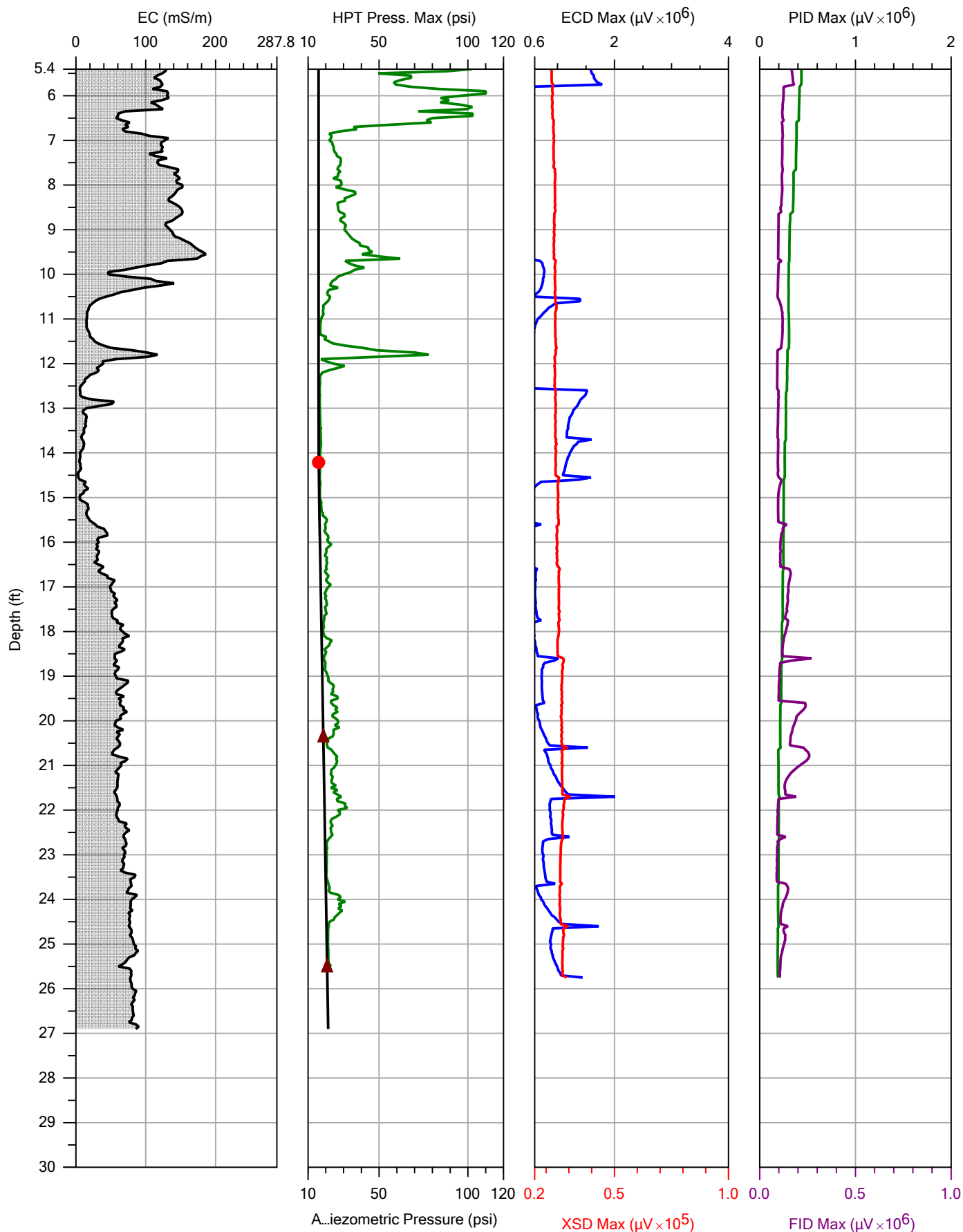
File: MIP-113.MHP
Date: 04/16/25
Location: Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

Operator: C Terry
 Client: CHA

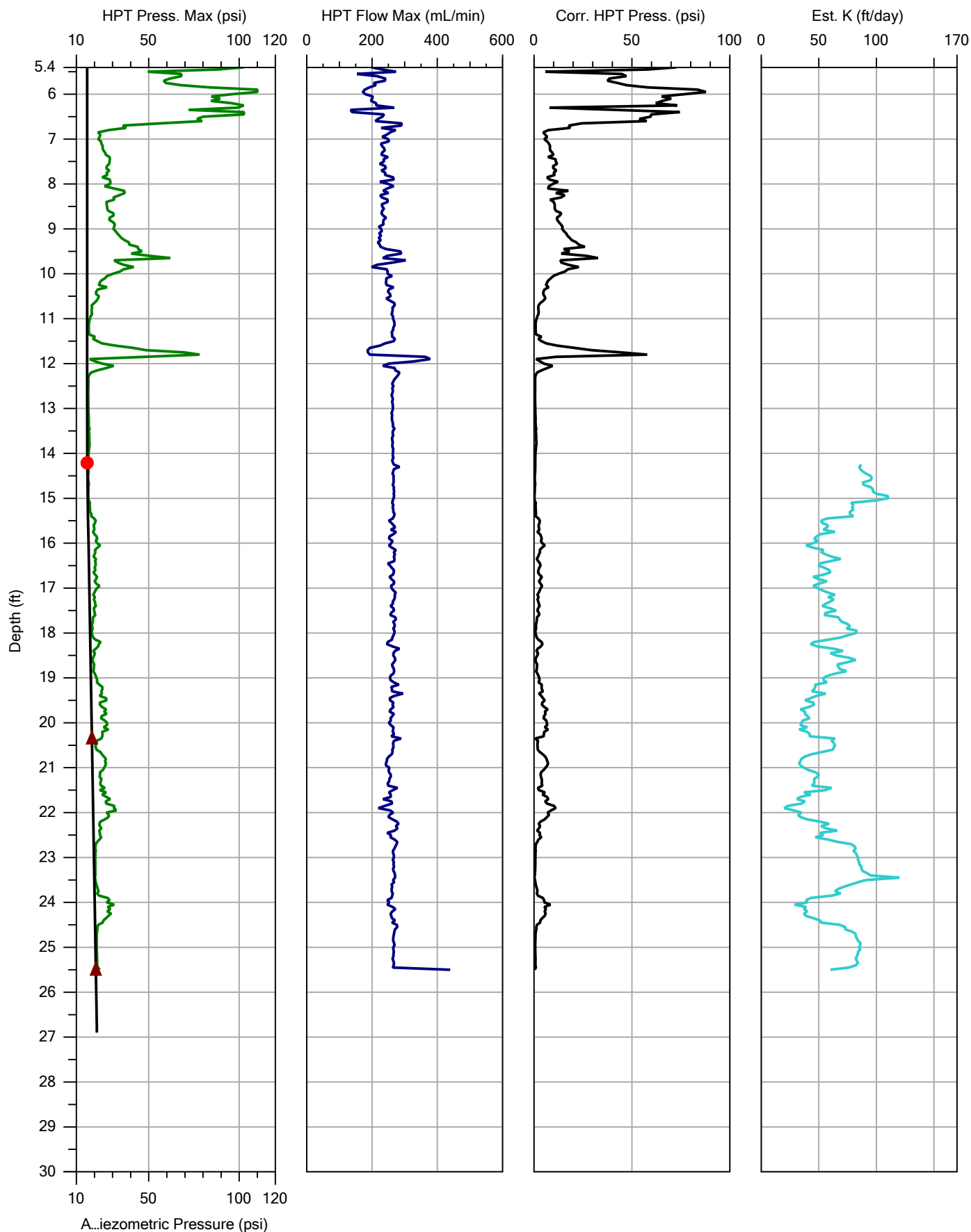
File: MIP-113.MHP
 Date: 04/16/25
 Location: Syracuse, NY



Company: Cascade
Project ID: Syr. Gateway Apartments

Operator: C Terry
Client: CHA

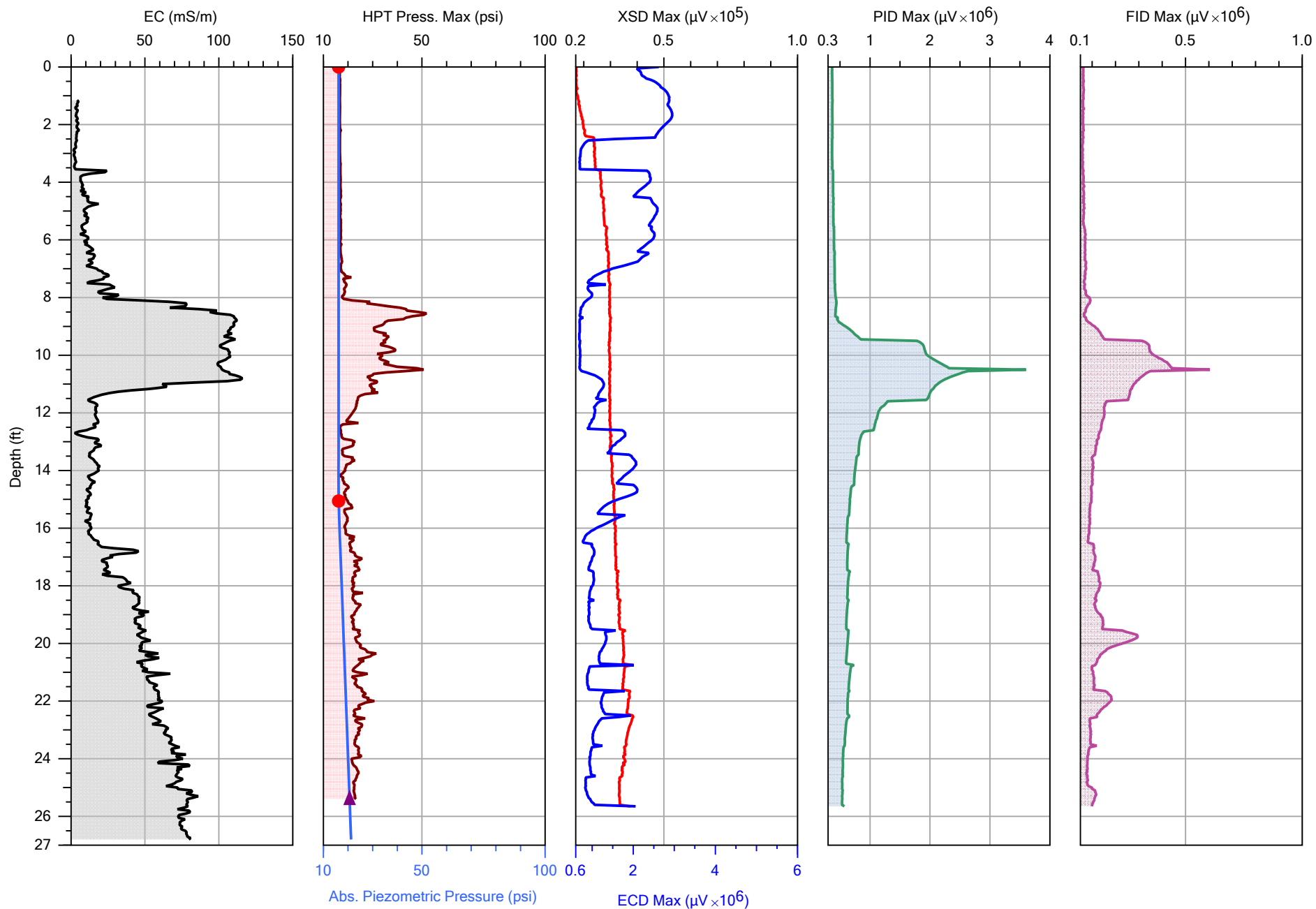
File: MIP-114.MHP
Date: 04/16/25
Location: Syracuse, NY



Company: Cascade
 Project ID: Syr. Gateway Apartments

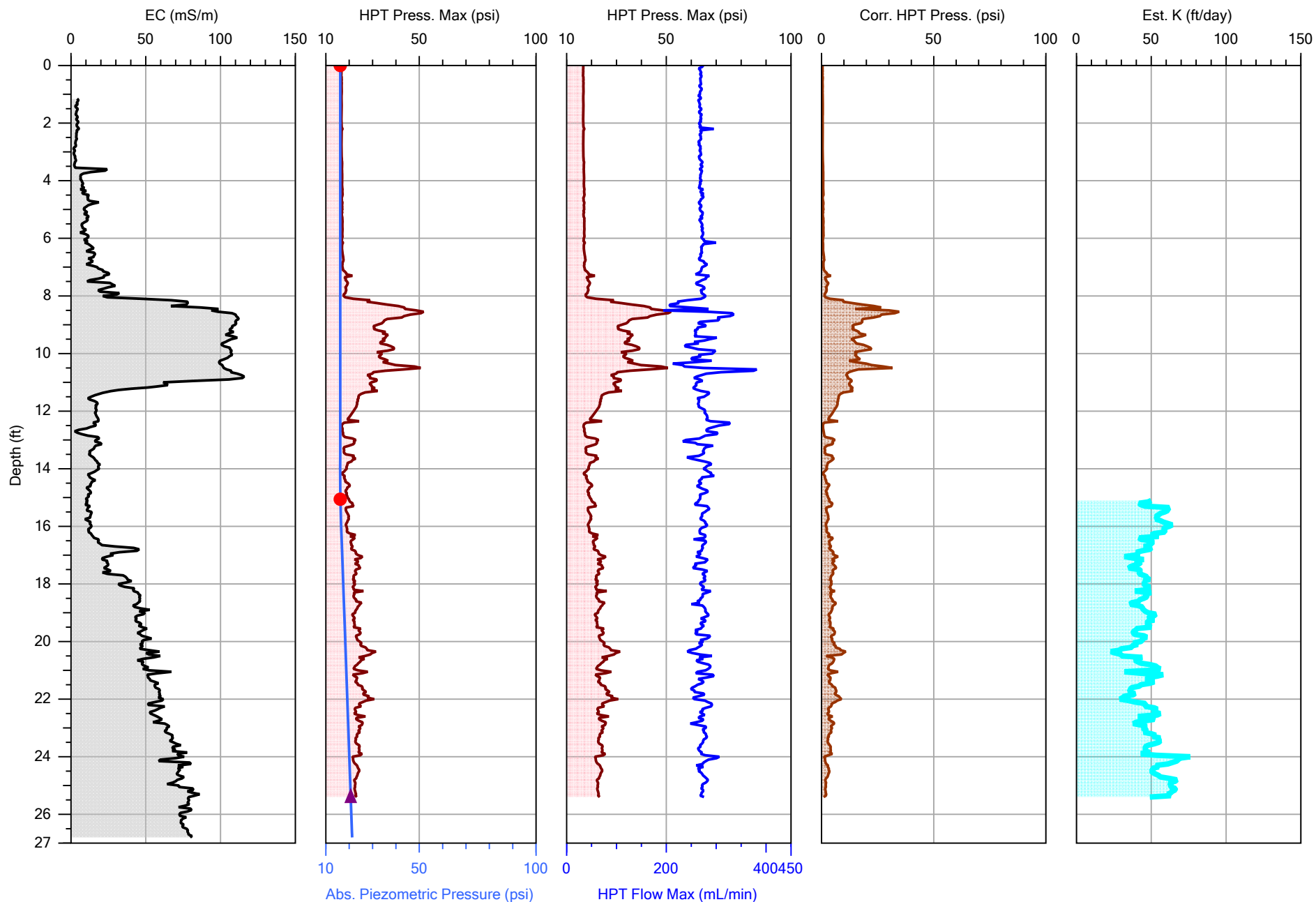
Operator: C Terry
 Client: CHA

File: MIP-114.MHP
 Date: 04/16/25
 Location: Syracuse, NY



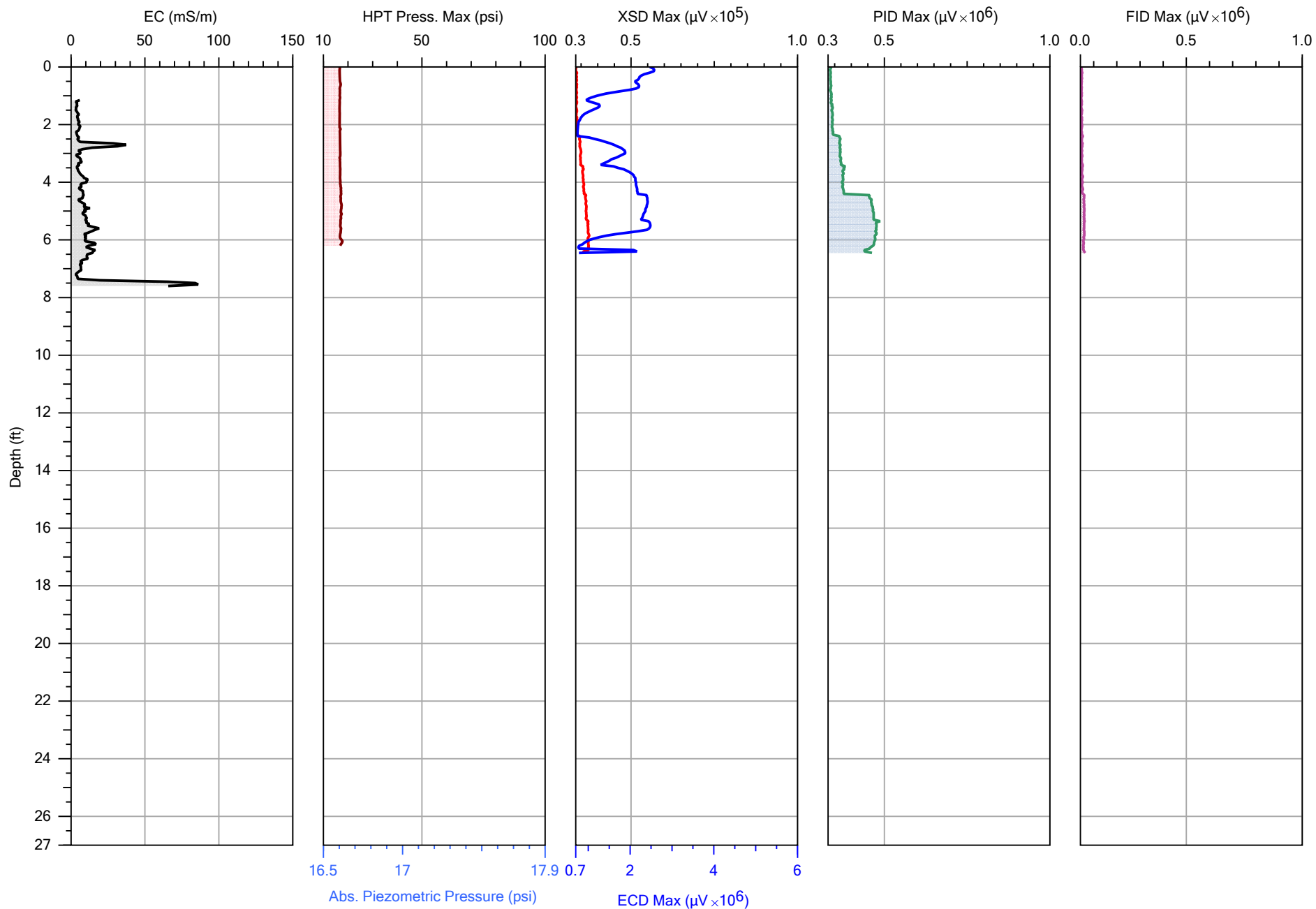
CASCADe

Company:		Operator:	File:
Cascade		C Terry	MIP-115.MHP
Project ID:		Client:	Date:
Syr. Gateway Apartments		CHA	4/17/2025
			Location:
			Syracuse, NY



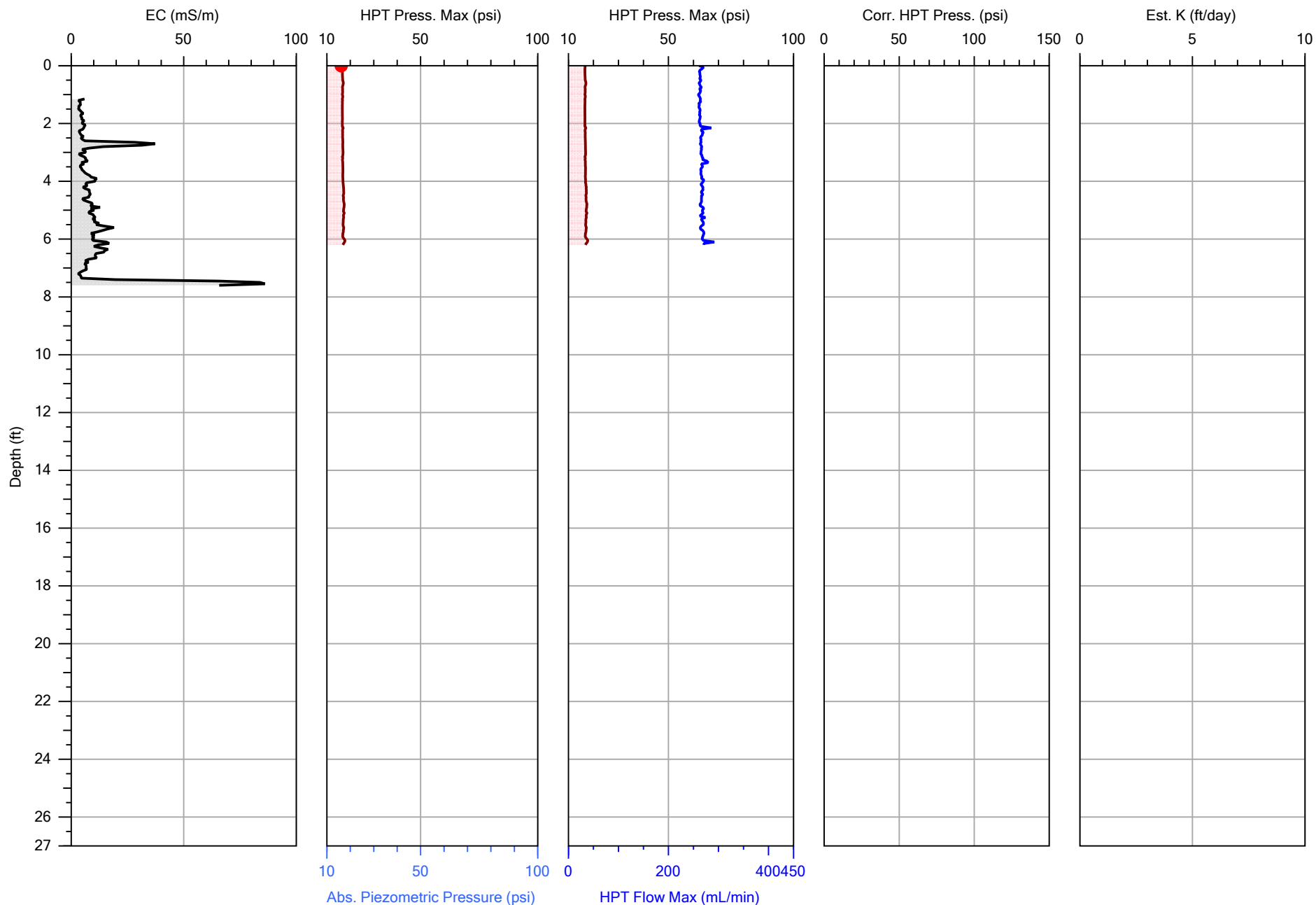
CASCADe

Company:		Operator:	File:
Cascade		C Terry	MIP-115.MHP
Project ID:		Client:	Date:
Syr. Gateway Apartments		CHA	4/17/2025
			Location:
			Syracuse, NY



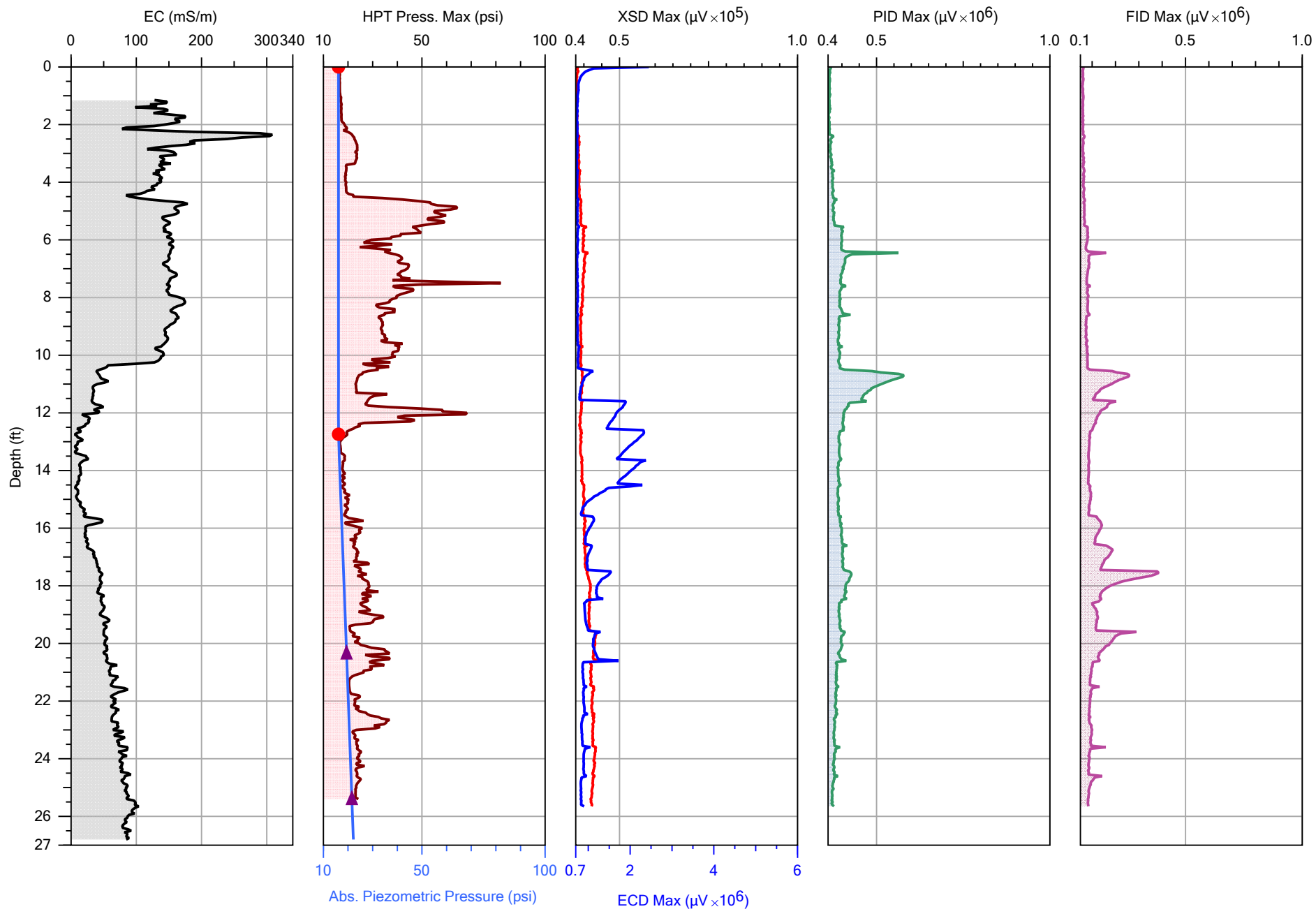
CASCADe

Company:	Cascade	Operator:	C Terry	File:	MIP-116.MHP
Project ID:	Syr. Gateway Apartments	Client:	CHA	Date:	4/17/2025
				Location:	Syracuse, NY



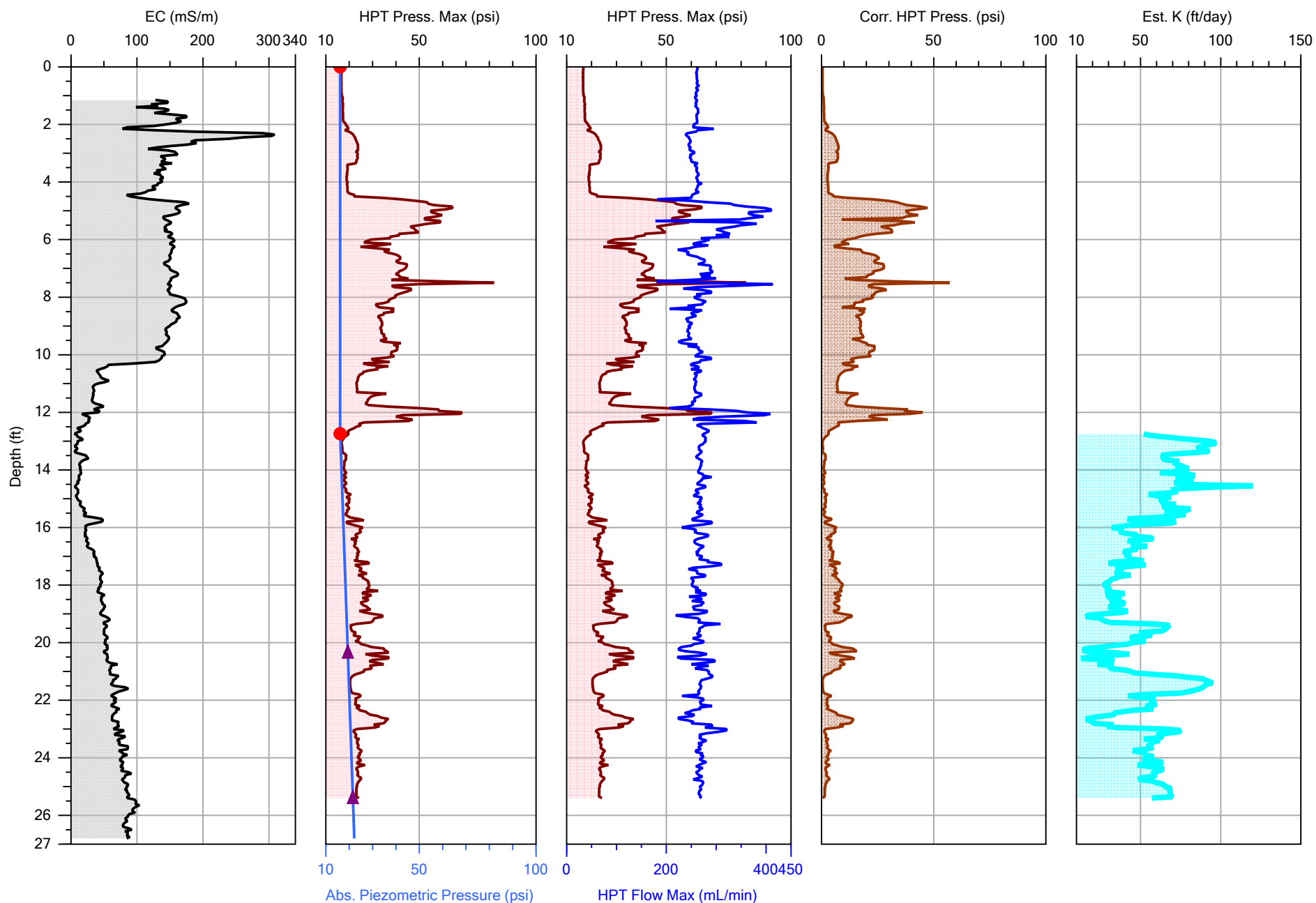
CASCADe

Company:		Operator:	File:
Cascade		C Terry	MIP-116.MHP
Project ID:		Client:	Date:
Syr. Gateway Apartments		CHA	4/17/2025
			Location:
			Syracuse, NY

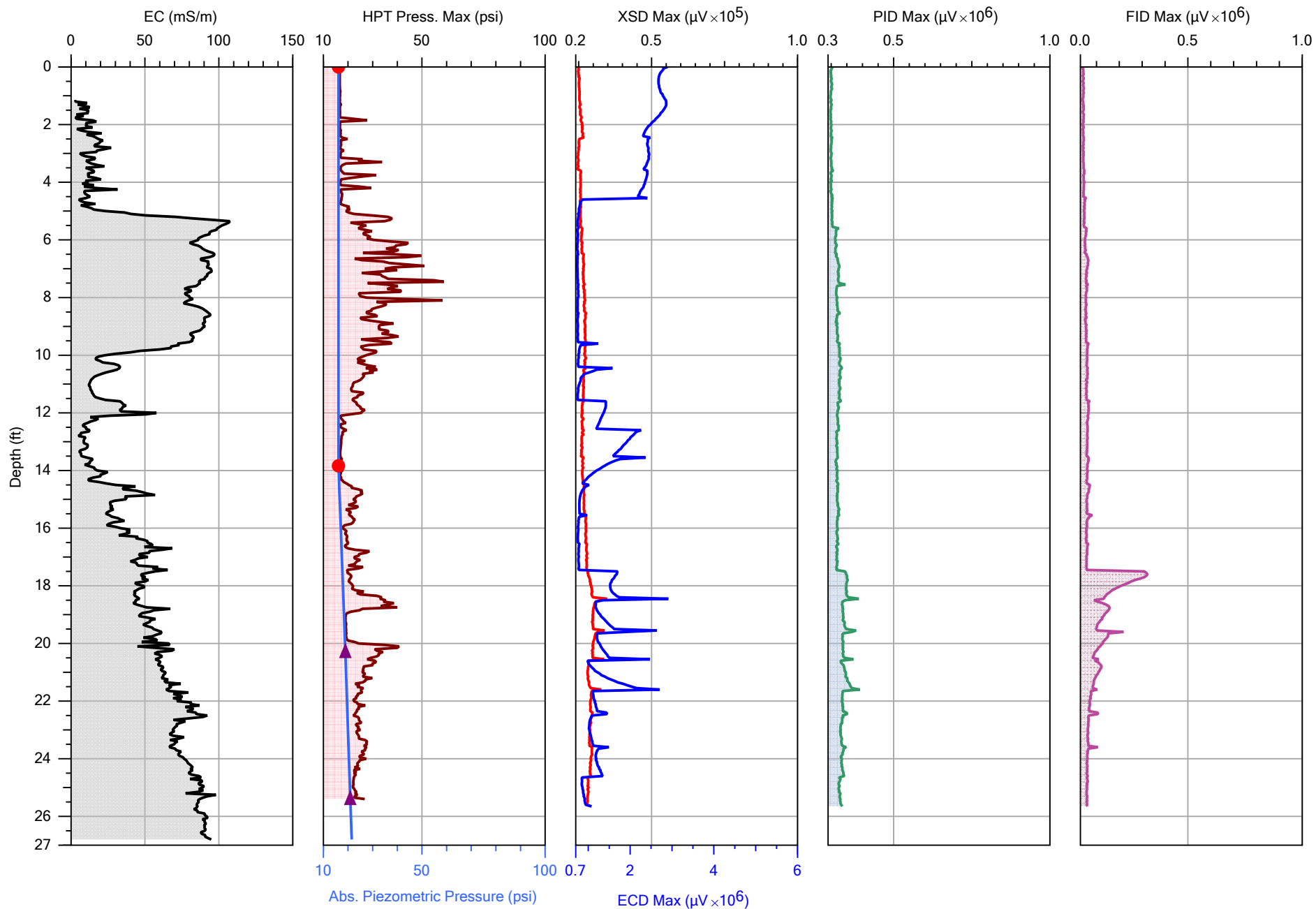


CASCADe

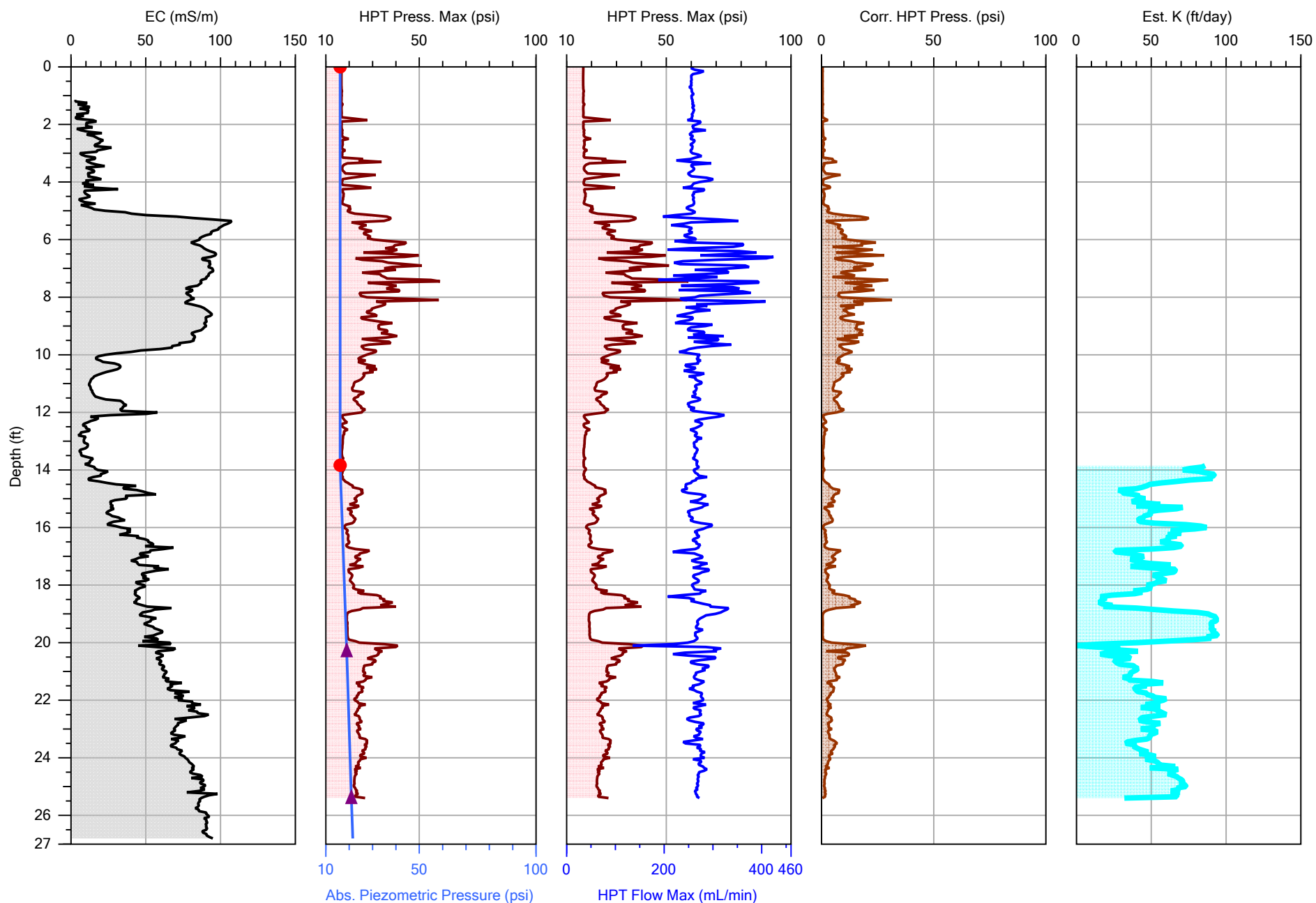
Company:	Cascade	Operator:	C Terry	File:	MIP-117.MHP
Project ID:	Syr. Gateway Apartments	Client:	CHA	Date:	4/17/2025
				Location:	Syracuse, NY



Company:		Operator:	File:
Cascade		C Terry	MIP-117.MHP
Project ID:		Client:	Date:
Syr. Gateway Apartments		CHA	4/17/2025
			Location:
			Syracuse, NY



Company:		Operator:	File:
Cascade		C Terry	MIP-118.MHP
Project ID:		Client:	Date:
Syr. Gateway Apartments		CHA	4/17/2025
			Location:
			Syracuse, NY



CASCADe

Company:		Operator:	File:
Cascade		C Terry	MIP-118.MHP
Project ID:		Client:	Date:
Syr. Gateway Apartments		CHA	4/17/2025
			Location:
			Syracuse, NY

APPENDIX B

Daily Observation Reports



REPORT NO. 001

PAGE NO. 1 OF 2

DATE: 4-14-25

CONSTRUCTION OBSERVATION REPORT

PROJECT Remedial Investigation - SYR Gateway Apartments

LOCATION Syracuse, NY

WEATHER

TEMPERATURE

41°F @ 300

HIGH 62°F

LOW 36°F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 0 8 6 3 2 8 . 0 0 0

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:	Representing:	Purpose of Visit:
Aaron	Cascade	Driller
Chuck	Cascade	MIMP

PID Readings (ppm)

Location (Upwind/Downwind)	Time	Result	Collected By
CAMP Station (NW)	800 - 0ppm 1200 - 0.1ppm	1600 - 0.1ppm	AH
hand held PID	800 - 0ppm 1200 - 0ppm	1600 - 0ppm	AH

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

Equipment Used Today: (Number, type, etc.)

Geoprobe + MIP truck
7822 DT

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

730-500

MILEAGE CHARGED TO PROJECT:

-

☒ ADDITIONAL SHEETS USED CHECK INITIALS AH



CONSTRUCTION OBSERVATION REPORT

REPORT NO. 001

PAGE NO. 2 OF 2

DATE: 4-14-25

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA onsite @ 0745. Set up CAMP station.

CASCADE onsite @ 0755. Went through safety meeting. Chuck is setting up MIHPT and walking the site utility markings. Response test conducted.

0915. pre clearing MIP-101 - hand Augering. hit fill @ 3' that Cascade could not hand Auger through. Determining what to do next.

1155 - CHA sent Cascade a previous GPRS report of the utility markings. Cascade EHS reviewed report and allowed Drilling to proceed.

1240 - beginning on MIP-101.

1608 - starting MIP-103. ended 1708, Cascade cleaned up site and offsite @ 1730

* 3 MIP locations completed 4-14-25



REPORT NO. 002

PAGE NO. 1 OF 2

DATE: 4-15-25

CONSTRUCTION OBSERVATION REPORT

PROJECT Remedial Investigation - SYR Gateway Apartments

LOCATION Syracuse, NY

WEATHER

TEMPERATURE

53°F

HIGH 61°F

LOW 36°F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT #

0 8 6 3 2 8 . 0 0 0

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:

Representing:

Purpose of Visit:

PID Readings (ppm)

Location (Upwind/Downwind)	Time	Result	Collected By
CAMP Station (NE corner)	0800am - 0.0ppm	1200 - 0.0ppm	
hand held PID	0800am 0.0ppm	1200 - 0.0ppm	

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

Eric + Chuck from Cascade

→

Terry (Cascade)

→

Equipment Used Today: (Number, type, etc.)

Geoprobe and MIP truck.

hand Augering MIP locations.

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

Anton Hodges

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

8-5

MILEAGE CHARGED TO PROJECT:

-

☒ ADDITIONAL SHEETS USED CHECK INITIALS AH



CONSTRUCTION OBSERVATION REPORT

REPORT NO. 002

PAGE NO. 2 OF 2

DATE: 4-15-25

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA and Cascade onsite @ 0755. CHA set up CAMP Station in NE corner since winds are coming out of the ^{SW} NE.

CHA marked out locations for Geoprobe to core through Asphalt prior to Cascade pre clearing hoses to approx 5'.

855 - Cascade hand clearing MIP-104 to begin.

CHA is using PID to screen soil that is removed by hand digging.

1035 - Starting MIP-105

1147 - Starting MIP-106

1245 - lunch

1320 - Terry from Cascade started patching MIP location hoses with cold patch asphalt.

1625 - Cascade finished up last mip location for the day (MIP-109) and is cleaning up the site. CHA is waiting for Geoprobe to be parked to shutdown CAMP station.

CHA + Cascade offsite @ 1700

* 6 MIP locations were completed 4-15-25 *

AH



REPORT NO. 003

PAGE NO. 1 OF 2

DATE: 4-16-25

CONSTRUCTION OBSERVATION REPORT

PROJECT Remedial Investigation - SYR Gateway Apartments

LOCATION Syracuse, NY

WEATHER

wind direction

N
W E
S 35°

TEMPERATURE

HIGH 40°F

LOW 34°F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 0 8 6 3 2 8 . 0 0 0

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:	Representing:	Purpose of Visit:
Sam Miller	CHA	visit with DEC
Steve L	NYSDEC	Site visit

PID Readings (ppm)

Location (Upwind/Downwind)	Time	Result	Collected By
CAMP Station (NNE corner)	0800 - 0.0 ppm 1200 - 0.0 ppm 1500 - 0.0 ppm		AH
hand held PID	0800 - 0.0 ppm 1200 - 0.0 ppm 1500 - 0.0 ppm		AH

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

Chuck (MIP)
Eric (Miller)

Equipment Used Today: (Number, type, etc.)

Geoprobe and MIP truck

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

7:45 - 15:45

MILEAGE CHARGED TO PROJECT:

☒ ADDITIONAL SHEETS USED CHECK INITIALS AH



CONSTRUCTION OBSERVATION REPORT

REPORT NO. 003

PAGE NO. 2 OF 2

DATE: 4-16-25

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA and Cascade onsite @ 0745.

CHA Set up CAMP Station on East side of property since wind is coming out of the west.

Cascade began MIP-110.

1115- Cascade finished MIP location MIP-112 > MIP-111 + MIP-112 had higher PID reading than previous MIP locations.

1130- Lunch

1200 Setting up for MIP-113.

1410- Finished MIP-114 and Cascade is starting to core through asphalt for the remaining MIP locations, to then pre clear locations via hand auger. These locations are on the south portion of the property. Cascade is worried about unmarked utilities, so they are using hand augers.

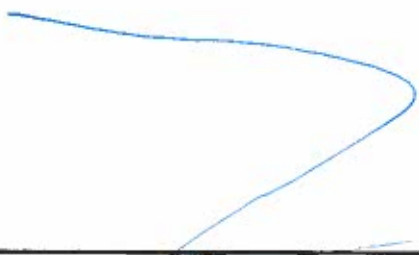
1510- Cascade is still working on hand clearing holes via hand auger.

1530- Cascade is getting a soil vacuum for tomorrow to make hand clearing the MIP locations easier.

CHA is packing up the CAMP Station and setting cones at locations for tomorrow.

* Cascade completed 5 MIP locations *

Cascade-CHA offsite @ 1545



AH



REPORT NO. 004

PAGE NO. 1 OF 2

DATE: 4-17-25

CONSTRUCTION OBSERVATION REPORT

PROJECT Remedial Investigation - SYR Gateway Apartments

LOCATION Syracuse, NY

WEATHER	TEMPERATURE
8 mph wind N W → E 35°F S	HIGH 51°F LOW 33°F

PPE Levels Utilized Today:☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 0 8 6 3 2 8 . 0 0 0

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:	Representing:	Purpose of Visit:

PID Readings (ppm)

Location (Upwind/Downwind)	Time	Result	Collected By
CAMP Station (E side)	0800 - 0.0 ppm 1200 - 0.0 ppm	1600 - 0.1 ppm	AH
hand held PID	0800 - 0.0 ppm 1200 - 0.0 ppm	1600 - 0.0 ppm	AH

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)Chuck - MIP (Cascade)
Eric - Driller (Cascade)**Equipment Used Today:** (Number, type, etc.)

MIP truck and Geoprobe

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

8-5

MILEAGE CHARGED TO PROJECT:

-

☒ ADDITIONAL SHEETS USED CHECK INITIALS AH



CONSTRUCTION OBSERVATION REPORT

REPORT NO. 604

PAGE NO. 2 OF 2

DATE: 4-17-25

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA and Cascade onsite @ 0745.

0800 CAMP station is set up on East side of the property since wind is coming out of the west.

0805 - Cascade is using a Shop Vac to pre clear MIP locations (first 5')

0820 - CHA checked CAMP station and just like 4-16-25, The CAMP station was turned on and was in manual mode but then went back to survey mode. So CHA switch the run mode back to manual.

0900 - Finished pre clearing remaining MIP locations
Starting to set up rig and MIP truck on MIP-115

1020 - MIP location MIP-116 hit refusal @ 7.75', Cascade is continuing with the next MIP location and will come back to redo @ an offset location → Did not have time to come back

1140 - Lunch

1240 - Setting up for MIP-118

1500 - Cascade is hitting refusal while hand clearing the last two locations
tried 8 locations in SW portion of the site and all hit concrete pad @ 3'-4'

CHA took GPS coordinates of refusal locations and mapped locations by hand on figure.

1640 - CHA shutdown CAMP station.

Cascade cleaned up site and offsite @ 1700

* Finished with MIP





REPORT NO. 005

PAGE NO. 1 OF 2

DATE: 4-18-25

CONSTRUCTION OBSERVATION REPORT

PROJECT Remedial Investigation - SYR Gateway Apartments

LOCATION Syracuse, NY

WEATHER

6 mph wind



TEMPERATURE

HIGH 69°F

LOW 33°F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 0 8 6 3 2 8 . 0 0 0

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:	Representing:	Purpose of Visit:
CAMP Station (NW corner)	0800 - 0.0 ppm 1230 0.0 ppm 1400 - 6.0 ppm	AH
hand held PID	0800 - 0.0 ppm 1230 0.0 ppm 1400 - 0.0 ppm	AH

PID Readings (ppm)

Location (Upwind/Downwind)	Time	Result	Collected By

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity
	Soil Samples completed				

Workers: (Number, type, etc.)

Eric - Cascade
Driller

Equipment Used Today: (Number, type, etc.)

Geoprobe

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

Andrew Hodgson
OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT: 740 - 5

MILEAGE CHARGED TO PROJECT: -

☒ ADDITIONAL SHEETS USED CHECK INITIALS AH



CONSTRUCTION OBSERVATION REPORT

REPORT NO.	005
PAGE NO.	2 OF 2
DATE:	4-18-25

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA onsite @ 0740. Set up CAMP station in the NW corner of the site since wind is coming out of the SE.

0845 - Started the drilling for the soil samples.

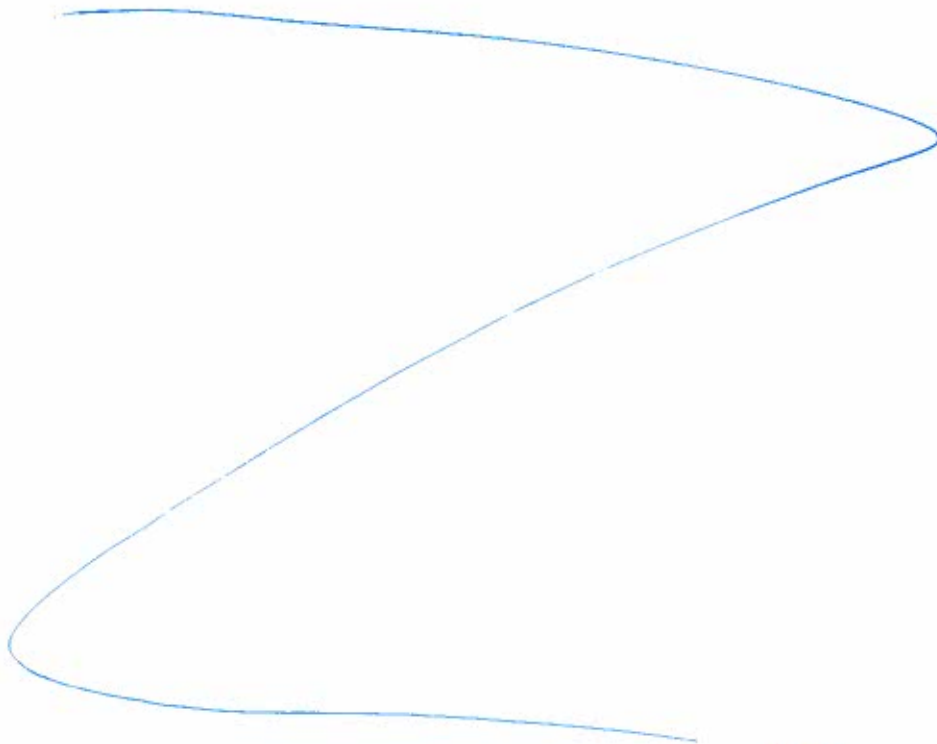
See boring logs 101 - 104 for notes on each location

1400 finished up with soil samples and shut down CAMP station

Sample management and locked/cleaned up site.

Cascade offsite @ 1500

CHA offsite @ 1555



AH



REPORT NO. 006

PAGE NO. 1 of 2

DATE: 4-21-25

CONSTRUCTION OBSERVATION REPORT

PROJECT Remedial Investigation - SYR Gateway Apartments

LOCATION Syracuse, NY

WEATHER

12 mph

W N E 60°F
S

TEMPERATURE

HIGH 68°F

LOW 34°F

PPE Levels Utilized Today:☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 0 8 6 3 2 8 . 0 0 0

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:	Representing:	Purpose of Visit:

PID Readings (ppm)

Location (Upwind/Downwind)	Time	Result	Collected By
CAMP station - NE corner	1250 - 0.0 ppm 1400	0.0 ppm 1600 - 0.1 ppm	
handheld PID	1250 - 0.0 ppm 1400	0.0 ppm 1600 - 0.0 ppm	

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)Jason - Cascade Driller
Terry - Cascade helper**Equipment Used Today:** (Number, type, etc.)beaprobe - Augers
sand
bentonite

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT: _____

MILEAGE CHARGED TO PROJECT: _____

☐ ADDITIONAL SHEETS USED CHECK INITIALS _____



CONSTRUCTION OBSERVATION REPORT

REPORT NO. 006

PAGE NO. 2 OF 2

DATE: 4-21-25

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA onsite @ 1220 - Set up Camp Station in NW corner of the site since wind is coming from the SE. (see map)

1250 - Cascade is setting up to install MW-103

1405 - Cascade started pouring in Sandpack for MW-103

1510 - MW-103 is installed.

1520 - Cascade is cutting Asphalt around MW-103 to install concrete pad - creating lots of dust.

1540 - Mixing concrete for Flushmount Concrete pad

1546 - MW-103 has been installed.

CHA discussed with Cascade Decon plans. Cascade will set up Decon pad to decon Augers.

1600 - checked CAMP station before taking down for the day

1607 - Took down.

Cascade cleaned up work area

CHA + Cascade offsite @ 1630

~~800 8500
103 am 75
3 pm Free~~

AH



REPORT NO. 007

PAGE NO. 1 OF 2

DATE: 7-22-25

CONSTRUCTION OBSERVATION REPORT

PROJECT Remedial Investigation - SYR Gateway Apartments

LOCATION Syracuse, NY

WEATHER

TEMPERATURE

N
W 52°F
S

HIGH 62°F

LOW 45°F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 0 8 6 3 2 8 . 0 0 0

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:	Representing:	Purpose of Visit:

PID Readings (ppm)

Location (Upwind/Downwind)	Time	Result	Collected By
CAMP Station	0815 - 0.0ppm	1140 - 0.0ppm	1210 - 0.1ppm
hand held PID	0815 - 0.0ppm	1140 - 0.0ppm	1210 - 0.0ppm
hand held Dust tracker	1140 - 0.021 mg/m ³	1210 - 0.032 mg/m ³	1240 - 0.0ppm
1345 - 0.0ppm	1415 - 0.0ppm	1445 - 0.0ppm	1315 - 0.0ppm
1345 - 0.052 mg/m ³	1415 - 0.019 mg/m ³	1445 - 0.068 mg/m ³	1240 - 0.035 mg/m ³ , 1315 - 0.024 mg/m ³

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity
	2 monitoring wells				

Workers: (Number, type, etc.)

Jason - Cascade Driller
Terry - Cascade helper.
Jeff - helper - developing wells

Equipment Used Today: (Number, type, etc.)

Geoprobe

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

8-4

MILEAGE CHARGED TO PROJECT:

-

☒ ADDITIONAL SHEETS USED CHECK INITIALS AH



REPORT NO. 007

PAGE NO. 2 OF 2

DATE: 4-22-25

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA and Cascade onsite @ 0750. CHA unlocked building and set up CAMP station. CAMP station is set up on E side of the site since wind is coming out of the West (see map)

0810 - Cascade is building a Decon Pad. to start decontaminating Augers

0830 - Cascade refueled Geoprobe with fuel tank on Driller's truck.

0850 - Starting to Auger MW-102

0950 - Jeff from Cascade arrived on site to develop wells using a surge block and a water pump to develop well. Purged approx. 30 gallons wells started to clear up.

1050 - Cascade pressure washed/decontaminated Augers before starting MW-101

1100 - CHA picked up hand held dust tracker to monitor upwind dust. recorded upwind dust and will monitor upwind dust every 30 mins

1255 - MW-102 has been developed. Cascade cut asphalt, poured concrete, inserted Flushmount casing and smoothed out concrete ~~around~~ pad around Flushmount

1320 - Cascade is prepping to develop MW-101 and pour concrete pad

1430 - well has been developed and Flushmount/concrete pad has been poured.

Cascade is cleaning up site/decontaminating augers from MW-101 moving drums into building.

Cascade offsite @ 1500

CAMP Station shutdown @ 1530 locked up building and garage

Water levels following development

MW-101 = 15.72

MW-102 = 15.27

MW-103 = 16.93

~~map~~

CHA offsite @ 1600

AH



REPORT NO. 808

PAGE NO. 1 OF 2

DATE: 4-23-25

CONSTRUCTION OBSERVATION REPORT

PROJECT Remedial Investigation - SYR Gateway Apartments

LOCATION Syracuse, NY

WEATHER TEMPERATURE

N
W E
S 41°F
HIGH 65°F
LOW 39°F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 0 8 6 3 2 8 . 0 0 0

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:

Representing:

Purpose of Visit:

PID Readings (ppm)

Location (Upwind/Downwind)	Time	Result	Collected By
CAMP Station - 0800	0.0 ppm	1030 - 0.0 ppm	1200 - 0.0 ppm
hand held PID - 0800	0.0 ppm	0830 0.0 ppm	0900 - 0.0 ppm
1630 - 0.0 ppm	1130 - 0.0 ppm		
hand held dust tracker - 0800	0.095 mg/m ³	0830 - 0.067 mg/m ³	0900 - 0.078 mg/m ³
1000 - 0.088 mg/m ³	1030 - 0.024 mg/m ³	1130 - 0.076 mg/m ³	0930 - 0.059 mg/m ³

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity
	MW's have been installed and developed.				

Workers: (Number, type, etc.)

Jason F - Cascade Driller

Terry - Cascade helper

Equipment Used Today: (Number, type, etc.)

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

Andrew Hodgson
OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

8-4

MILEAGE CHARGED TO PROJECT:

-

☒ ADDITIONAL SHEETS USED CHECK INITIALS AH



CONSTRUCTION OBSERVATION REPORT

REPORT NO. 008

PAGE NO. 2 OF 2

DATE: 4-23-25

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA onsite @ 0750. Set up Camp Stations on East side of site since wind is blowing out of the west.

Cascade was on site before CHA.

0810 - Cascade is setting up to install MW-104 in the "hot zone"

first attempt at Augering MW-104 - Cascade hit concrete @ Approx 2' logs. moved well north to avoid Electrical utilities going to fuel island

1010 - Cascade finished installing riser for MW-104.

Will continue to develop well and pour concrete pad/flushmount

1040 - Cascade is pressure washing / Decoupling Augers.

1110 - Cascade began developing - MW-104

1200 - Cascade Finished Developing MW-104 - GW is visibly clear.

16.03 = Water level for MW-104 after development.

1215 - Taking down CAMP station and disassembling for Rental Return. NO intrusive work is taking place this week.

1240 - Cascade is cleaning up site prior to demob

3 - water Drums > 9 total

6 - Soil Drums

Cascade offsite @ 1330

CHA locked up site and offsite @ 1340 - going to drop CAMP Equipment off @ FACE and hand held dust tracker @ PINE.

AW

APPENDIX C

Soil Boring Logs



PROJECT NUMBER: 083628.000

5/14/2025

Gateway Syracuse Apartments

SUBSURFACE LOG

HOLE NUMBER SOIL-101

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: Geiger Property Management

CONTRACTOR: Cascade Remediation Services, LLC

DRILLER: Cascade

INSPECTOR: A. Hodgins

START DATE and TIME: 4/18/2025

FINISH DATE and TIME: 4/18/2025

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD %	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	4.6	0.0					Asphalt, Crusher Run, Wood (FILL)			
						2		<u>Silty CLAY</u> , brown, stiff, moist (CL)			
						4					
								End of Boring at 5 ft			
						6					
						8					



PROJECT NUMBER: 083628.000

5/14/2025

Gateway Syracuse Apartments**SUBSURFACE LOG****HOLE NUMBER SOIL-102**

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: Geiger Property Management

CONTRACTOR: Cascade Remediation Services, LLC

DRILLER: Cascade

INSPECTOR: A. Hodgens

START DATE and TIME: 4/18/2025

FINISH DATE and TIME: 4/18/2025

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD %	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	1.6	0.0			2 4		Brick, Asphalt, Silty Clay (FILL)			
						6 8		End of Boring at 5 ft			



PROJECT NUMBER: 083628.000

5/14/2025

Gateway Syracuse Apartments

SUBSURFACE LOG

HOLE NUMBER SOIL-103

Page 1 of 2

LOCATION: Syracuse, New York

CLIENT: Geiger Property Management

CONTRACTOR: Cascade Remediation Services, LLC

DRILLER: Cascade

INSPECTOR: A. Hodgens

START DATE and TIME: 4/18/2025

FINISH DATE and TIME: 4/18/2025

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft) SAMP. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or ROD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	4.6	0.0			2		Asphalt, Crusher Run (FILL)			
								<u>Silty CLAY</u> , brown, stiff, moist (CL)			
						4					
						6		<u>Silty CLAY</u> , Some f. Gravel, brown, stiff, moist (CL)			
S2	5	5	>500			8		<u>Silty CLAY</u> , brown, soft, moist (CL)			
						10		<u>Silty CLAY</u> , trace f. sand, brown, soft, moist (CL)			
						12		becomes wet			
S3	5	3.1	>500			14		<u>f. SAND</u> , Some f.c. Gravel, brown, loose, moist (SP)			
						16		<u>Silty CLAY</u> , brown, soft, moist (CL)			
S4	5	0.2	>500			18					

**Gateway Syracuse Apartments****SUBSURFACE LOG****HOLE NUMBER SOIL-103**

PROJECT NUMBER: 083628.000

5/14/2025

Page 2 of 2

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD %	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S5	5	3.7	<2			22		<u>f.m.c. SAND</u> , little silt, little f. gravel, brown, wet (SP)			
						24					
						26		End of Boring at 25 ft			
						28					
						30					
						32					
						34					
						36					
						38					
						40					
						42					
						44					



PROJECT NUMBER: 083628.000

5/14/2025

Gateway Syracuse Apartments

SUBSURFACE LOG

HOLE NUMBER SOIL-104

Page 1 of 1

LOCATION: Syracuse, New York

CLIENT: Geiger Property Management

CONTRACTOR: Cascade Remediation Services, LLC

DRILLER: Cascade

INSPECTOR: A. Hodgens

START DATE and TIME: 4/18/2025

FINISH DATE and TIME: 4/18/2025

SURFACE
ELEV:

CHECKED BY: K. Ehmann

DRILL FLUID: None

DRILLING RIG:

DATE

TIME

WATER
DEPTH (ft)CASING
BOTTOM (ft)HOLE
BOTTOM (ft)WATER LEVEL
OBSERVATIONS

SAMP./CORE NUMBER	SAMP. ADV. (ft)	RECOVERY LEN. CORE (ft)	PID Readings (ppm)	"N" Value or ROD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	4.2	2.5			2		Brick, Asphalt, Crusher Run (FILL)			
						4		Silty CLAY , brown, stiff, moist (CL)		Petroleum/Gasoline-like odor.	
S2	5	5	>900			6					
			>1000			8				free product observed	
						10					
			137			12		f. SAND , little silt, trace f. gravel, brown, moist (SP)			
S3	5	3	69			14				Appear to be out of the contamination	
			6.6			16		becomes wet			
S4	5	2	2.1			18					
			0								

End of Boring at 20 ft

APPENDIX D

Well Construction Logs



WELL CONSTRUCTION LOG

PROJECT & LOCATION: Gateway Apartments - Syracuse, NY

CLIENT: Geiger Property Management Inc

CONTRACTOR: Cascade Remediation Services

BORING NO.

WELL NO. MW-101

PROJECT NO.: 086328

SHEET NO.: 1 OF 1

ELEVATION:

START DATE: 4-22 TIME: 1110

FINISH DATE: 4-22 TIME: 1255

DRILLER: Jason

INSPECTOR: AH

Locking Steel Cap	Depth Above/Below Ground of Riser Pipe: _____
Riser Vent Hole	Type of Cap: <u>J Plug</u>
Protective Casing Weep Hole	Type of Surface Seal: <u>Concrete</u>
	Thickness of Surface Seal: <u>8"</u>
	Type of Protective Casing: <u>Flushmount</u>
	Inside Dia. Of Casing: <u>8"</u>
	Depth Above Ground of Casing: <u>-</u>
	Depth Below Ground of Casing: <u>9"</u>
Diameter Borehole: <u>4.25"</u>	
Type of Backfill Around Riser Pipe: <u>Grout + Sand</u>	
Inside Diameter of Riser Pipe: <u>2"</u>	
	Type of Bentonite Seal: <u>Bentonite chips</u>
	Depth to Top of Bentonite Seal: <u>6'</u>
Depth to Top of Fine Sand Choke: <u>NA</u>	
	Type of Screen: <u>PVC</u>
Type of Sand Pack: <u>#20 Filter sand</u>	Screen Diameter: <u>2"</u>
Depth to Top of Sand Pack: <u>10.5'</u>	Screen Slot Size: <u>0.01"</u>
Depth to Bottom of Sand Pack: <u>25'</u>	Depth to Top of Screen: <u>15'</u>
	Depth to Bottom of Screen: <u>25'</u>
Backfill (if any): <u>NA</u>	Depth to Bottom of Borehole: <u>25'</u>



WELL CONSTRUCTION LOG

BORING NO.

WELL NO. MW-102

PROJECT & LOCATION: Gateway Apartments - Syracuse, NY

CLIENT: Geiger Property Management Inc

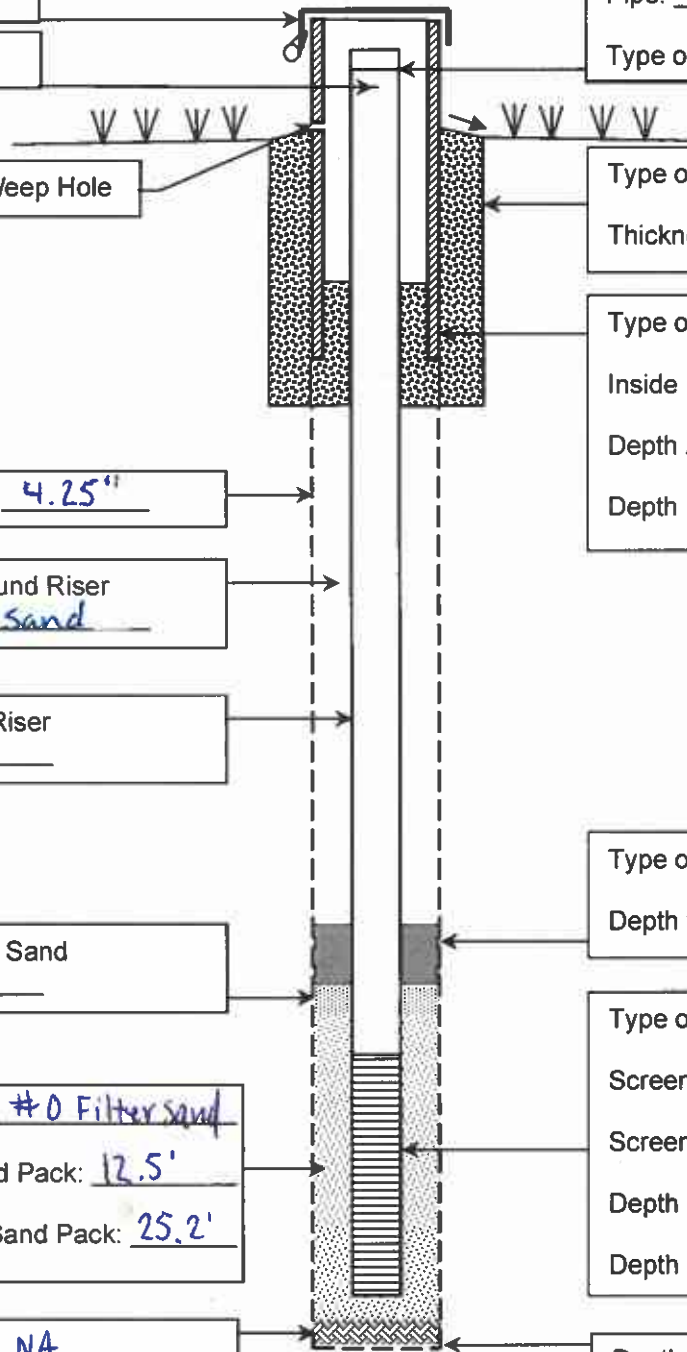
PROJECT NO.: 086328

CONTRACTOR: Cascade Remediation Services

SHEET NO.: 1 OF 1

ELEVATION:

START DATE: 4-22 TIME: 0850FINISH DATE: 4-22 TIME: 1040DRILLER: JasonINSPECTOR: AH

Locking Steel Cap		Depth Above/Below Ground of Riser Pipe: _____
Riser Vent Hole		Type of Cap: <u>3 Ping</u>
Protective Casing Weep Hole		Type of Surface Seal: <u>Concrete</u>
		Thickness of Surface Seal: <u>17"</u>
		Type of Protective Casing: <u>Flushmount</u>
		Inside Dia. Of Casing: <u>8"</u>
		Depth Above Ground of Casing: <u>-</u>
		Depth Below Ground of Casing: <u>9"</u>
Diameter Borehole: <u>4.25"</u>		
Type of Backfill Around Riser Pipe: <u>Grout + sand</u>		
Inside Diameter of Riser Pipe: <u>2"</u>		
	Type of Bentonite Seal: <u>Bentonite chips</u>	
	Depth to Top of Bentonite Seal: <u>6'</u>	
Depth to Top of Fine Sand Choke: <u>NA</u>		
Type of Sand Pack: <u>#0 Filter sand</u>	Type of Screen: <u>PVC</u>	
Depth to Top of Sand Pack: <u>12.5'</u>	Screen Diameter: <u>2"</u>	
Depth to Bottom of Sand Pack: <u>25.2'</u>	Screen Slot Size: <u>0.01"</u>	
	Depth to Top of Screen: <u>15'</u>	
	Depth to Bottom of Screen: <u>25'</u>	
Backfill (if any): <u>NA</u>	Depth to Bottom of Borehole: <u>25.2'</u>	



WELL CONSTRUCTION LOG

BORING NO.

WELL NO. MW-103

PROJECT & LOCATION: Gateway Apartments - Syracuse, NY

CLIENT: Geiger Property Management Inc

PROJECT NO.: 086328

CONTRACTOR: Cascade Remediation Services

SHEET NO.: 1 OF 1

ELEVATION:

START DATE: 4-21-25 TIME: 1305FINISH DATE: 4-21-25 TIME: 1508DRILLER: JasonINSPECTOR: AH

Locking Steel Cap	Depth Above/Below Ground of Riser Pipe: _____
Riser Vent Hole	Type of Cap: <u>J Plug</u>
Protective Casing Weep Hole	Type of Surface Seal: <u>Concrete</u>
	Thickness of Surface Seal: <u>13"</u>
	Type of Protective Casing: <u>~~NA~~ Flushmount</u>
	Inside Dia. Of Casing: <u>NA</u>
	Depth Above Ground of Casing: <u>-</u>
	Depth Below Ground of Casing: <u>9"</u>
Diameter Borehole: <u>4.25</u>	
Type of Backfill Around Riser Pipe: <u>Grout + Sand</u>	
Inside Diameter of Riser Pipe: <u>2"</u>	
	Type of Bentonite Seal: <u>Bentonite chips</u>
	Depth to Top of Bentonite Seal: <u>7'</u>
Depth to Top of Fine Sand Choke: <u>NA</u>	
Type of Sand Pack: <u>Fill Pro Filter Sand #0 sand</u>	Type of Screen: <u>PVC</u>
Depth to Top of Sand Pack: <u>12'</u>	Screen Diameter: <u>2"</u>
Depth to Bottom of Sand Pack: <u>24.8</u>	Screen Slot Size: <u>0.01"</u>
	Depth to Top of Screen: <u>14.8'</u>
	Depth to Bottom of Screen: <u>24.6'</u>
Backfill (if any): <u>NA</u>	Depth to Bottom of Borehole: <u>24.8'</u>



WELL CONSTRUCTION LOG

BORING NO.

WELL NO. MW-104

PROJECT & LOCATION: Gateway Apartments – Syracuse, NY

CLIENT: Geiger Property Management Inc

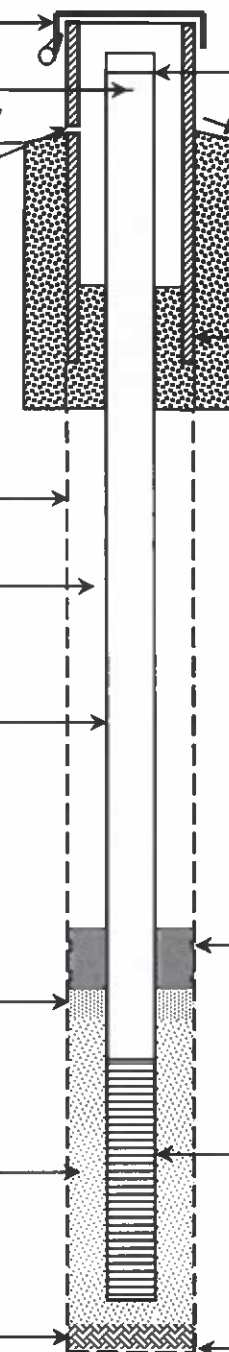
PROJECT NO.: 086326

CONTRACTOR: Cascade Remediation Services

SHEET NO.: 1 OF 1

ELEVATION:

START DATE: 4-22 TIME: 0815FINISH DATE: 4-22 TIME: 1009DRILLER: Jason FINSPECTOR: AH

Locking Steel Cap		Depth Above/Below Ground of Riser Pipe: _____
Riser Vent Hole		Type of Cap: <u>J plug</u>
Protective Casing Weep Hole		Type of Surface Seal: <u>Concrete</u>
		Thickness of Surface Seal: <u>5"</u>
		Type of Protective Casing: <u>Flushmount</u>
		Inside Dia. Of Casing: <u>8"</u>
		Depth Above Ground of Casing: <u>-</u>
		Depth Below Ground of Casing: <u>9"</u>
Diameter Borehole: <u>4.25"</u>		Type of Bentonite Seal: <u>Bentonite chips</u>
Type of Backfill Around Riser Pipe: <u>Grout + Sand</u>		Depth to Top of Bentonite Seal: <u>6'</u>
Inside Diameter of Riser Pipe: <u>2"</u>		
Depth to Top of Fine Sand Choke: <u>NA</u>	Type of Screen: <u>PVC</u>	
Type of Sand Pack: <u>#10 Filter Sand</u>	Screen Diameter: <u>2"</u>	
Depth to Top of Sand Pack: <u>12'</u>	Screen Slot Size: <u>0.01"</u>	
Depth to Bottom of Sand Pack: <u>25'</u>	Depth to Top of Screen: <u>15'</u>	
Backfill (if any): <u>NONE</u>	Depth to Bottom of Screen: <u>25'</u>	
	Depth to Bottom of Borehole: <u>25'</u>	

APPENDIX E

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2524225
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- REMEDIA
Project Number:	086328
Report Date:	05/15/25

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.

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).



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2524225-01	SOIL-102_1-2	SOIL	SYRACUSE, NY	04/18/25 09:00	04/18/25
L2524225-02	SOIL-102_4-5	SOIL	SYRACUSE, NY	04/18/25 09:10	04/18/25
L2524225-03	CHA-1	SOIL	SYRACUSE, NY	04/18/25 12:00	04/18/25
L2524225-04	SOIL-101_1-2	SOIL	SYRACUSE, NY	04/18/25 10:00	04/18/25
L2524225-05	SOIL-101_4-5	SOIL	SYRACUSE, NY	04/18/25 10:05	04/18/25
L2524225-06	SOIL-103_16-18	SOIL	SYRACUSE, NY	04/18/25 11:20	04/18/25
L2524225-07	SOIL-103_23-25	SOIL	SYRACUSE, NY	04/18/25 11:30	04/18/25
L2524225-08	CHA-2	SOIL	SYRACUSE, NY	04/18/25 09:30	04/18/25
L2524225-09	SOIL-104_8-10	SOIL	SYRACUSE, NY	04/18/25 13:10	04/18/25
L2524225-10	SOIL-104_18-20	SOIL	SYRACUSE, NY	04/18/25 13:20	04/18/25
L2524225-11	MW-101-20250424	WATER	SYRACUSE, NY	04/24/25 09:35	04/25/25
L2524225-12	CHA-1-20250424	WATER	SYRACUSE, NY	04/24/25 09:00	04/25/25
L2524225-13	MW-102-20250424	WATER	SYRACUSE, NY	04/24/25 13:15	04/25/25
L2524225-14	MW-103-20250424	WATER	SYRACUSE, NY	04/24/25 11:00	04/25/25
L2524225-15	FB-20250424	WATER	SYRACUSE, NY	04/24/25 15:30	04/25/25
L2524225-16	EQ-BLANK-20250424	WATER	SYRACUSE, NY	04/24/25 15:40	04/25/25
L2524225-17	MW-104-20250424	WATER	SYRACUSE, NY	04/24/25 14:40	04/25/25
L2524225-18	TRIP BLANKS	WATER	SYRACUSE, NY	04/24/25 00:00	04/25/25
L2524225-19	WATER-WC-1	WATER	SYRACUSE, NY	04/24/25 14:25	04/25/25
L2524225-20	SOIL-WC-1	SOIL	SYRACUSE, NY	04/24/25 14:55	04/25/25
L2524225-21	FT-20250424	OIL	SYRACUSE, NY	04/24/25 09:50	04/25/25

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Case Narrative (continued)

Report Submission

May 15, 2025: This final report includes the results of all requested analyses.

May 13, 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.

Sample Receipt

The analyses performed were specified by the client.

L2524225-21: The sample was received in an inappropriate container for the TCL Volatiles - EPA 8260D analysis. An aliquot was taken from an unpreserved container and preserved appropriately.

Volatile Organics

L2524225-15: The Field Blank has a concentration above the reporting limit for acetone. The sample was re-analyzed and confirmed the original result. The results of the original analysis are reported.

The WG2061711-6 MS/MSD recoveries performed on L2524225-09 are outside the acceptance criteria for 1,2,4-trimethylbenzene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

WG2061711-6/-7: The MS/MSD was performed with the method required holding time exceeded.

Semivolatile Organics

L2524225-01D: The sample has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix.

The WG2059114-4/-5 MS/MSD recoveries performed on L2524225-05 are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%), and 4,6-dinitro-o-cresol (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Case Narrative (continued)

WG2061877: An MS/MSD was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

Perfluorinated Alkyl Acids by 1633

L2524225-01: The Extracted Internal Standard recovery was above the acceptance criteria for perfluoro[1,2,3,4,5,6,7-13c7]undecanoic acid (m7-pfuda) (132%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2524225-04: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[1,2,3,4,5,6-13c6]decanoic acid (m6pfda) (133%) and perfluoro[1,2,3,4,5,6,7-13c7]undecanoic acid (m7-pfuda) (133%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2524225-09: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[1,2,3,4,5,6-13c6]decanoic acid (m6pfda) (134%), perfluoro[1,2,3,4,5,6,7-13c7]undecanoic acid (m7-pfuda) (137%), and perfluoro[1,2-13c2]dodecanoic acid (mpfdoa) (135%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

The Extracted Internal Standard recoveries for the WG2065479-2 LCS associated with L2524225-01, -04, -06, and -09 are outside the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (136%), perfluoro[1,2,3,4,5,6-13c6]decanoic acid (m6pfda) (136%), perfluoro[1,2,3,4,5,6,7-13c7]undecanoic acid (m7-pfuda) (138%), perfluoro[1,2-13c2]dodecanoic acid (mpfdoa) (139%), perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (135%), and 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (136%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

The Extracted Internal Standard recoveries for the WG2065479-3 LCS associated with L2524225-01, -04, -06, and -09 are outside the acceptance criteria for perfluoro[1,2,3,4,5,6-13c6]decanoic acid (m6pfda) (134%) and perfluoro[1,2,3,4,5,6,7-13c7]undecanoic acid (m7-pfuda) (137%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Case Narrative (continued)

Semivolatile Organics by SIM

The WG2060984-2/-3 LCS/LCSD recoveries associated with L2524225-11 through -17 and -19 were outside the individual acceptance criteria for hexachlorobutadiene (16%/22%), naphthalene (LCS 39%), 2-methylnaphthalene (LCS 36%), and hexachloroethane (20%/27%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.

Total Metals

L2524225-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2524225-15: The Field Blank has concentrations above the reporting limits for copper, iron, and manganese. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG2064017 CCB, associated with L2524225-01 through -05, has a concentration above the reporting limit for zinc. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required.

The WG2062195-3/-4 MS/MSD recoveries performed on L2524225-13 do not apply for calcium (160%/170%) and sodium (0%/0%) because the sample concentrations are greater than four times the spike amounts added. The WG2062441-3/-4 MS/MSD recoveries performed on L2524225-05 are outside the acceptance criteria for aluminum (0%/0%) and magnesium (MSD 61%). A post digestion spike was performed and was within acceptance criteria.

The WG2062441-3/-4 MS/MSD recoveries performed on L2524225-05 are outside the acceptance criteria for antimony (28%/24%) and selenium (MSD 69%). A post digestion spike was performed and yielded unacceptable recoveries for antimony (190%) and selenium (197%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG2062441-4 MSD recovery performed on L2524225-05 is outside the acceptance criteria for calcium (54%). A post digestion spike was performed and yielded an unacceptable recovery for calcium (176%). The

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Case Narrative (continued)

serial dilution recovery was acceptable; therefore, the matrix test passed for 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/15/25

ORGANICS

VOLATILES

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06 D
 Client ID: SOIL-103_16-18
 Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
 Date Received: 04/18/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 05/01/25 05:15
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	27000	12000	100
1,1-Dichloroethane	ND		ug/kg	5400	790	100
Chloroform	ND		ug/kg	8200	760	100
Carbon tetrachloride	ND		ug/kg	5400	1200	100
1,2-Dichloropropane	ND		ug/kg	5400	680	100
Dibromochloromethane	ND		ug/kg	5400	760	100
1,1,2-Trichloroethane	ND		ug/kg	5400	1400	100
Tetrachloroethene	ND		ug/kg	2700	1100	100
Chlorobenzene	ND		ug/kg	2700	690	100
Trichlorofluoromethane	ND		ug/kg	22000	3800	100
1,2-Dichloroethane	ND		ug/kg	5400	1400	100
1,1,1-Trichloroethane	ND		ug/kg	2700	910	100
Bromodichloromethane	ND		ug/kg	2700	590	100
trans-1,3-Dichloropropene	ND		ug/kg	5400	1500	100
cis-1,3-Dichloropropene	ND		ug/kg	2700	860	100
Bromoform	ND		ug/kg	22000	1300	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	2700	900	100
Benzene	170000		ug/kg	2700	900	100
Toluene	1300000		ug/kg	5400	3000	100
Ethylbenzene	480000		ug/kg	5400	770	100
Chloromethane	ND		ug/kg	22000	5100	100
Bromomethane	ND		ug/kg	11000	3200	100
Vinyl chloride	ND		ug/kg	5400	1800	100
Chloroethane	ND		ug/kg	11000	2500	100
1,1-Dichloroethene	ND		ug/kg	5400	1300	100
trans-1,2-Dichloroethene	ND		ug/kg	8200	750	100
Trichloroethene	ND		ug/kg	2700	750	100
1,2-Dichlorobenzene	ND		ug/kg	11000	780	100



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06 D
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	11000	810	100
1,4-Dichlorobenzene	ND		ug/kg	11000	930	100
Methyl tert butyl ether	ND		ug/kg	11000	1100	100
p/m-Xylene	2000000		ug/kg	11000	3000	100
o-Xylene	790000		ug/kg	5400	1600	100
cis-1,2-Dichloroethene	ND		ug/kg	5400	960	100
Styrene	1500	J	ug/kg	5400	1100	100
Dichlorodifluoromethane	ND		ug/kg	54000	5000	100
Acetone	ND		ug/kg	54000	26000	100
Carbon disulfide	ND		ug/kg	54000	25000	100
2-Butanone	ND		ug/kg	54000	12000	100
4-Methyl-2-pentanone	ND		ug/kg	54000	7000	100
2-Hexanone	ND		ug/kg	54000	6400	100
Bromochloromethane	ND		ug/kg	11000	1100	100
1,2-Dibromoethane	ND		ug/kg	5400	1500	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	16000	5400	100
Isopropylbenzene	83000		ug/kg	5400	590	100
1,2,3-Trichlorobenzene	ND		ug/kg	11000	1800	100
1,2,4-Trichlorobenzene	ND		ug/kg	11000	1500	100
Methyl Acetate	ND		ug/kg	22000	5200	100
Cyclohexane	200000		ug/kg	54000	3000	100
1,4-Dioxane	ND		ug/kg	440000	190000	100
Freon-113	ND		ug/kg	22000	3800	100
Methyl cyclohexane	240000		ug/kg	22000	3300	100

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-06 D

Date Collected: 04/18/25 11:20

Client ID: SOIL-103_16-18

Date Received: 04/18/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	4550000	J	ug/kg			100
Unknown Benzene	367000	J	ug/kg			100
Unknown Aromatic	313000	J	ug/kg			100
Unknown Benzene	325000	J	ug/kg			100
Unknown Benzene	351000	J	ug/kg			100
Pentane, 2-methyl-	503000	NJ	ug/kg			100
Unknown	322000	J	ug/kg			100
Unknown Benzene	443000	J	ug/kg			100
Unknown Benzene	322000	J	ug/kg			100
Unknown Benzene	1350000	J	ug/kg			100
n-Hexane	249000	NJ	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	78		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-07
Client ID: SOIL-103_23-25
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/01/25 05:41
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	0.15	J	ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	13		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-07
Client ID: SOIL-103_23-25
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.9	0.92	1
Cyclohexane	ND		ug/kg	9.7	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.67	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-08 D2
 Client ID: CHA-2
 Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:30
 Date Received: 04/18/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 05/02/25 14:28
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Toluene	730000		ug/kg	5800	3100	100
p/m-Xylene	1100000		ug/kg	12000	3200	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-08 D
Client ID: CHA-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/02/25 14:08
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	7200	3300	25
1,1-Dichloroethane	ND		ug/kg	1400	210	25
Chloroform	ND		ug/kg	2200	200	25
Carbon tetrachloride	ND		ug/kg	1400	330	25
1,2-Dichloropropane	ND		ug/kg	1400	180	25
Dibromochloromethane	ND		ug/kg	1400	200	25
1,1,2-Trichloroethane	ND		ug/kg	1400	390	25
Tetrachloroethene	ND		ug/kg	720	280	25
Chlorobenzene	ND		ug/kg	720	180	25
Trichlorofluoromethane	ND		ug/kg	5800	1000	25
1,2-Dichloroethane	ND		ug/kg	1400	370	25
1,1,1-Trichloroethane	ND		ug/kg	720	240	25
Bromodichloromethane	ND		ug/kg	720	160	25
trans-1,3-Dichloropropene	ND		ug/kg	1400	390	25
cis-1,3-Dichloropropene	ND		ug/kg	720	230	25
Bromoform	ND		ug/kg	5800	360	25
1,1,2,2-Tetrachloroethane	ND		ug/kg	720	240	25
Benzene	76000		ug/kg	720	240	25
Toluene	680000	E	ug/kg	1400	780	25
Ethylbenzene	230000		ug/kg	1400	200	25
Chloromethane	ND		ug/kg	5800	1300	25
Bromomethane	ND		ug/kg	2900	840	25
Vinyl chloride	ND		ug/kg	1400	480	25
Chloroethane	ND		ug/kg	2900	650	25
1,1-Dichloroethene	ND		ug/kg	1400	340	25
trans-1,2-Dichloroethene	ND		ug/kg	2200	200	25
Trichloroethene	ND		ug/kg	720	200	25
1,2-Dichlorobenzene	ND		ug/kg	2900	210	25



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-08 D
Client ID: CHA-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2900	210	25
1,4-Dichlorobenzene	ND		ug/kg	2900	250	25
Methyl tert butyl ether	ND		ug/kg	2900	290	25
p/m-Xylene	1000000	E	ug/kg	2900	810	25
o-Xylene	370000		ug/kg	1400	420	25
cis-1,2-Dichloroethene	ND		ug/kg	1400	250	25
Styrene	790	J	ug/kg	1400	280	25
Dichlorodifluoromethane	ND		ug/kg	14000	1300	25
Acetone	ND		ug/kg	14000	7000	25
Carbon disulfide	ND		ug/kg	14000	6600	25
2-Butanone	ND		ug/kg	14000	3200	25
4-Methyl-2-pentanone	ND		ug/kg	14000	1800	25
2-Hexanone	ND		ug/kg	14000	1700	25
Bromochloromethane	ND		ug/kg	2900	300	25
1,2-Dibromoethane	ND		ug/kg	1400	400	25
1,2-Dibromo-3-chloropropane	ND		ug/kg	4300	1400	25
Isopropylbenzene	49000		ug/kg	1400	160	25
1,2,3-Trichlorobenzene	ND		ug/kg	2900	460	25
1,2,4-Trichlorobenzene	ND		ug/kg	2900	390	25
Methyl Acetate	ND		ug/kg	5800	1400	25
Cyclohexane	40000		ug/kg	14000	790	25
1,4-Dioxane	ND		ug/kg	120000	51000	25
Freon-113	ND		ug/kg	5800	1000	25
Methyl cyclohexane	140000		ug/kg	5800	870	25

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-08 D

Date Collected: 04/18/25 09:30

Client ID: CHA-2

Date Received: 04/18/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	1500000	J	ug/kg	25
Heptane	118000	NJ	ug/kg	25
Heptane, 3-methyl-	184000	NJ	ug/kg	25
Pentane, 2-methyl-	241000	NJ	ug/kg	25
Hexane, 2-methyl-	160000	NJ	ug/kg	25
Unknown Benzene	88000	J	ug/kg	25
Unknown	116000	J	ug/kg	25
Cyclopentane, Methyl-	130000	NJ	ug/kg	25
Hexane, 3-methyl-	213000	NJ	ug/kg	25
Unknown Alkane	109000	J	ug/kg	25
n-Hexane	138000	NJ	ug/kg	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	91		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/01/25 17:56
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	57	8.3	1
Chloroform	ND		ug/kg	86	8.0	1
Carbon tetrachloride	ND		ug/kg	57	13.	1
1,2-Dichloropropane	ND		ug/kg	57	7.2	1
Dibromochloromethane	ND		ug/kg	57	8.0	1
1,1,2-Trichloroethane	ND		ug/kg	57	15.	1
Tetrachloroethene	ND		ug/kg	29	11.	1
Chlorobenzene	ND		ug/kg	29	7.3	1
Trichlorofluoromethane	ND		ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	57	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.6	1
Bromodichloromethane	ND		ug/kg	29	6.2	1
trans-1,3-Dichloropropene	ND		ug/kg	57	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.0	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.5	1
Benzene	240		ug/kg	29	9.5	1
Toluene	5800		ug/kg	57	31.	1
Ethylbenzene	2300		ug/kg	57	8.1	1
Chloromethane	ND		ug/kg	230	53.	1
Bromomethane	ND		ug/kg	110	33.	1
Vinyl chloride	ND		ug/kg	57	19.	1
Chloroethane	ND		ug/kg	110	26.	1
1,1-Dichloroethene	ND		ug/kg	57	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	86	7.8	1
Trichloroethene	ND		ug/kg	29	7.8	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.2	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	110	8.5	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.8	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	10000		ug/kg	110	32.	1
o-Xylene	3800		ug/kg	57	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	57	10.	1
Styrene	ND		ug/kg	57	11.	1
Dichlorodifluoromethane	ND		ug/kg	570	52.	1
Acetone	ND		ug/kg	570	280	1
Carbon disulfide	ND		ug/kg	570	260	1
2-Butanone	ND		ug/kg	570	130	1
4-Methyl-2-pentanone	ND		ug/kg	570	73.	1
2-Hexanone	ND		ug/kg	570	67.	1
Bromochloromethane	ND		ug/kg	110	12.	1
1,2-Dibromoethane	ND		ug/kg	57	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	57.	1
Isopropylbenzene	300		ug/kg	57	6.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	16.	1
Methyl Acetate	ND		ug/kg	230	54.	1
Cyclohexane	1700		ug/kg	570	31.	1
1,4-Dioxane	ND		ug/kg	4600	2000	1
Freon-113	ND		ug/kg	230	40.	1
Methyl cyclohexane	1300		ug/kg	230	34.	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	26300	J	ug/kg	1
Unknown Benzene	1660	J	ug/kg	1
Pentane, 2-methyl-	4260	NJ	ug/kg	1
Unknown Alkane	1960	J	ug/kg	1
n-Hexane	2240	NJ	ug/kg	1
Unknown Benzene	1770	J	ug/kg	1
Unknown	1750	J	ug/kg	1
Hexane, 3-methyl-	2290	NJ	ug/kg	1
Unknown Cycloalkane	2100	J	ug/kg	1
Unknown Alkane	1830	J	ug/kg	1
Unknown Benzene	6400	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	82		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-10
Client ID: SOIL-104_18-20
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/02/25 15:55
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	0.14	J	ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	ND		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	3.7		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-10
Client ID: SOIL-104_18-20
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.17	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	ND		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.0	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.3	0.78	1
Cyclohexane	ND		ug/kg	8.3	0.45	1
1,4-Dioxane	ND		ug/kg	66	29.	1
Freon-113	ND		ug/kg	3.3	0.57	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	92		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 22:07
Analyst: KAB

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	4.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
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	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
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	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 22:33
Analyst: KAB

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	4.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	2.3	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	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/06/25 00:17
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.8		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	2.8		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	2.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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	2.1	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	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 22:59
Analyst: KAB

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	6.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	96		70-130
Dibromofluoromethane	104		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/06/25 08:40
Analyst: PID

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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	2.9	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	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 23:25
Analyst: KAB

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	3.4	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	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 23:51
Analyst: KAB

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	1.1	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	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	0.73	J	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	34		ug/l	0.50	0.16	1
Toluene	96		ug/l	2.5	0.70	1
Ethylbenzene	14		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	22		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
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	56		ug/l	2.5	0.70	1
o-Xylene	27		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	6.4		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	1.7	J	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	7.6	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	10		ug/l	10	0.40	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	103	J	ug/l			1
n-Hexane	4.50	NJ	ug/l			1
Unknown Benzene	6.43	J	ug/l			1
Unknown Alkane	3.51	J	ug/l			1
Benzene, fluoro-	10.0	NJ	ug/l			1
Indane	6.75	NJ	ug/l			1
Unknown	3.49	J	ug/l			1
Unknown	6.05	J	ug/l			1
Pentane	12.0	NJ	ug/l			1
Unknown	5.34	J	ug/l			1
Unknown	25.5	J	ug/l			1
Unknown	15.9	J	ug/l			1
Unknown	3.51	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-18
Client ID: TRIP BLANKS
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 00:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/06/25 10:24
Analyst: MJV

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-18
Client ID: TRIP BLANKS
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 00:00
Date Received: 04/25/25
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	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
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	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/06/25 10:50
Analyst: KJD

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	18		ug/l	0.50	0.16	1
Toluene	63		ug/l	2.5	0.70	1
Ethylbenzene	10		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	8.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
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	43		ug/l	2.5	0.70	1
o-Xylene	19		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.4		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	7.3		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	1.2	J	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	3.8	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	4.8	J	ug/l	10	0.40	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	86.8	J	ug/l			1
Pentane	6.35	NJ	ug/l			1
Unknown Benzene	17.6	J	ug/l			1
Cyclopentane, Methyl-	8.35	NJ	ug/l			1
Unknown Benzene	5.14	J	ug/l			1
Pentane, 2-methyl-	16.2	NJ	ug/l			1
Pentane, 3-methyl-	6.58	NJ	ug/l			1
Unknown	11.2	J	ug/l			1
Unknown	6.00	J	ug/l			1
Unknown	6.23	J	ug/l			1
n-Hexane	3.19	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/02/25 23:05
Analyst: MCM
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/01/25 07:52

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	99		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	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	80		70-130
dibromofluoromethane	85		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/08/25 21:42
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	75	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	75	17.	1
1,2-Dichloropropane	ND		ug/kg	75	9.4	1
Dibromochloromethane	ND		ug/kg	75	10.	1
1,1,2-Trichloroethane	ND		ug/kg	75	20.	1
Tetrachloroethene	ND		ug/kg	37	15.	1
Chlorobenzene	ND		ug/kg	37	9.5	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	75	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.2	1
trans-1,3-Dichloropropene	ND		ug/kg	75	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	1200		ug/kg	37	12.	1
Toluene	20000		ug/kg	75	41.	1
Ethylbenzene	11000		ug/kg	75	10.	1
Chloromethane	ND		ug/kg	300	70.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	75	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	75	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	ND		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
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/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	46000	E	ug/kg	150	42.	1
o-Xylene	18000		ug/kg	75	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	75	13.	1
Styrene	43	J	ug/kg	75	15.	1
Dichlorodifluoromethane	ND		ug/kg	750	68.	1
Acetone	ND		ug/kg	750	360	1
Carbon disulfide	ND		ug/kg	750	340	1
2-Butanone	ND		ug/kg	750	170	1
4-Methyl-2-pentanone	ND		ug/kg	750	96.	1
2-Hexanone	ND		ug/kg	750	88.	1
Bromochloromethane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	75	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	75.	1
Isopropylbenzene	2300		ug/kg	75	8.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
Methyl Acetate	ND		ug/kg	300	71.	1
Cyclohexane	ND		ug/kg	750	41.	1
1,4-Dioxane	ND		ug/kg	6000	2600	1
Freon-113	ND		ug/kg	300	52.	1
Methyl cyclohexane	8300		ug/kg	300	45.	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	67900	J	ug/kg	1
Hexane, 3-methyl-	10100	NJ	ug/kg	1
Hexane, 2-methyl-	7890	NJ	ug/kg	1
Pentane, 2-methyl-	11000	NJ	ug/kg	1
Cyclopentane, Methyl-	5200	NJ	ug/kg	1
Hexane, 2,4-dimethyl-	3620	NJ	ug/kg	1
Unknown Benzene	4290	J	ug/kg	1
Unknown	5790	J	ug/kg	1
Heptane, 2-methyl-	5410	NJ	ug/kg	1
n-Hexane	6520	NJ	ug/kg	1
Heptane, 3-methyl-	8090	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	86		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20 D
 Client ID: SOIL-WC-1
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 05/07/25 17:14
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	41000		ug/kg	750	210	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Oil
Analytical Method: 1,8260D
Analytical Date: 05/09/25 16:53
Analyst: JIC
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	2300	1000	1
1,1-Dichloroethane	ND		ug/kg	460	66.	1
Chloroform	ND		ug/kg	690	64.	1
Carbon tetrachloride	ND		ug/kg	460	100	1
1,2-Dichloropropane	ND		ug/kg	460	57.	1
Dibromochloromethane	ND		ug/kg	460	64.	1
1,1,2-Trichloroethane	ND		ug/kg	460	120	1
Tetrachloroethene	ND		ug/kg	230	90.	1
Chlorobenzene	ND		ug/kg	230	58.	1
Trichlorofluoromethane	ND		ug/kg	1800	320	1
1,2-Dichloroethane	ND		ug/kg	460	120	1
1,1,1-Trichloroethane	ND		ug/kg	230	77.	1
Bromodichloromethane	ND		ug/kg	230	50.	1
trans-1,3-Dichloropropene	ND		ug/kg	460	120	1
cis-1,3-Dichloropropene	ND		ug/kg	230	72.	1
Bromoform	ND		ug/kg	1800	110	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	230	76.	1
Benzene	94	J	ug/kg	230	76.	1
Toluene	ND		ug/kg	460	250	1
Ethylbenzene	200	J	ug/kg	460	65.	1
Chloromethane	ND		ug/kg	1800	430	1
Bromomethane	ND		ug/kg	920	270	1
Vinyl chloride	ND		ug/kg	460	150	1
Chloroethane	ND		ug/kg	920	210	1
1,1-Dichloroethene	ND		ug/kg	460	110	1
trans-1,2-Dichloroethene	ND		ug/kg	690	63.	1
Trichloroethene	160	J	ug/kg	230	63.	1
1,2-Dichlorobenzene	ND		ug/kg	920	66.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
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/kg	920	68.	1
1,4-Dichlorobenzene	ND		ug/kg	920	78.	1
Methyl tert butyl ether	ND		ug/kg	920	92.	1
p/m-Xylene	690	J	ug/kg	920	260	1
o-Xylene	430	J	ug/kg	460	130	1
cis-1,2-Dichloroethene	ND		ug/kg	460	80.	1
Styrene	ND		ug/kg	460	90.	1
Dichlorodifluoromethane	ND		ug/kg	4600	420	1
Acetone	ND		ug/kg	4600	2200	1
Carbon disulfide	ND		ug/kg	4600	2100	1
2-Butanone	1300	J	ug/kg	4600	1000	1
4-Methyl-2-pentanone	ND		ug/kg	4600	590	1
2-Hexanone	ND		ug/kg	4600	540	1
Bromochloromethane	ND		ug/kg	920	94.	1
1,2-Dibromoethane	ND		ug/kg	460	130	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1400	460	1
Isopropylbenzene	ND		ug/kg	460	50.	1
1,2,3-Trichlorobenzene	ND		ug/kg	920	150	1
1,2,4-Trichlorobenzene	ND		ug/kg	920	120	1
Methyl Acetate	ND		ug/kg	1800	440	1
Cyclohexane	ND		ug/kg	4600	250	1
1,4-Dioxane	ND		ug/kg	37000	16000	1
Freon-113	ND		ug/kg	1800	320	1
Methyl cyclohexane	ND		ug/kg	1800	280	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	290000	J	ug/kg			9.174
Unknown Aromatic	23600	J	ug/kg			9.174
Unknown Aromatic	39000	J	ug/kg			9.174
Unknown Naphthalene	16300	J	ug/kg			9.174
Unknown Aromatic	41800	J	ug/kg			9.174
Unknown	45700	J	ug/kg			9.174
Unknown Aromatic	14000	J	ug/kg			9.174
Unknown	20300	J	ug/kg			9.174
Unknown Aromatic	14400	J	ug/kg			9.174
Unknown	29200	J	ug/kg			9.174
Unknown Aromatic	45400	J	ug/kg			9.174

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	111		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/30/25 23:04
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG2061204-5					
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
1,1,1,2-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	1.7	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/30/25 23:04
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG2061204-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/30/25 23:04
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG2061204-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	100		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/30/25 23:04
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG2061210-5					
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	84	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/30/25 23:04
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG2061210-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/30/25 23:04
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG2061210-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	100		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/01/25 09:42
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2061711-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/01/25 09:42
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2061711-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/01/25 09:42
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2061711-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	89		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/02/25 10:18
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG2061775-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/02/25 10:18
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG2061775-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	0.38	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/02/25 10:18
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG2061775-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	87		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/02/25 15:51
 Analyst: MCM
 TCLP/SPLP Extraction Date: 05/01/25 07:52

Extraction Date: 05/01/25 07:52

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 20 Batch: WG2062187-5					
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	112		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	86		70-130
dibromofluoromethane	98		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/02/25 08:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 08 Batch: WG2062414-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/02/25 08:59
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 08 Batch: WG2062414-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/02/25 08:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 08 Batch: WG2062414-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	118		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/05/25 15:37
 Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-14,16-17 Batch: WG2063196-5					
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
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/05/25 15:37
 Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-14,16-17 Batch: WG2063196-5					
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
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



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/05/25 15:37
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-14,16-17 Batch: WG2063196-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/06/25 08:14
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15,18-19 Batch: WG2063492-5					
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
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/06/25 08:14
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15,18-19 Batch: WG2063492-5					
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
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



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/06/25 08:14
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 15,18-19 Batch: WG2063492-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/08/25 21:20
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2064895-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	9.9	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/08/25 21:20
 Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2064895-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	130	J	ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Tentatively Identified Compounds

Total TIC Compounds	132	J	ug/kg
Unknown	132	J	ug/kg



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/08/25 21:20
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2064895-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/07/25 08:58
 Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2064911-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	12	J	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	80	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/07/25 08:58
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2064911-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/07/25 08:58
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2064911-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	102		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/09/25 10:14
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2064939-5					
Methylene chloride	ND		ug/kg	2500	1100
1,1-Dichloroethane	ND		ug/kg	500	72.
Chloroform	ND		ug/kg	750	70.
Carbon tetrachloride	ND		ug/kg	500	120
1,2-Dichloropropane	ND		ug/kg	500	62.
Dibromochloromethane	ND		ug/kg	500	70.
1,1,2-Trichloroethane	ND		ug/kg	500	130
Tetrachloroethene	ND		ug/kg	250	98.
Chlorobenzene	ND		ug/kg	250	64.
Trichlorofluoromethane	ND		ug/kg	2000	350
1,2-Dichloroethane	ND		ug/kg	500	130
1,1,1-Trichloroethane	ND		ug/kg	250	84.
Bromodichloromethane	ND		ug/kg	250	54.
trans-1,3-Dichloropropene	ND		ug/kg	500	140
cis-1,3-Dichloropropene	ND		ug/kg	250	79.
Bromoform	ND		ug/kg	2000	120
1,1,2,2-Tetrachloroethane	ND		ug/kg	250	83.
Benzene	ND		ug/kg	250	83.
Toluene	ND		ug/kg	500	270
Ethylbenzene	ND		ug/kg	500	70.
Chloromethane	ND		ug/kg	2000	470
Bromomethane	ND		ug/kg	1000	290
Vinyl chloride	ND		ug/kg	500	170
Chloroethane	ND		ug/kg	1000	230
1,1-Dichloroethene	ND		ug/kg	500	120
trans-1,2-Dichloroethene	ND		ug/kg	750	68.
Trichloroethene	ND		ug/kg	250	68.
1,2-Dichlorobenzene	ND		ug/kg	1000	72.
1,3-Dichlorobenzene	ND		ug/kg	1000	74.



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/09/25 10:14
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2064939-5					
1,4-Dichlorobenzene	ND		ug/kg	1000	86.
Methyl tert butyl ether	ND		ug/kg	1000	100
p/m-Xylene	ND		ug/kg	1000	280
o-Xylene	ND		ug/kg	500	140
cis-1,2-Dichloroethene	ND		ug/kg	500	88.
Styrene	ND		ug/kg	500	98.
Dichlorodifluoromethane	ND		ug/kg	5000	460
Acetone	ND		ug/kg	5000	2400
Carbon disulfide	ND		ug/kg	5000	2300
2-Butanone	ND		ug/kg	5000	1100
4-Methyl-2-pentanone	ND		ug/kg	5000	640
2-Hexanone	ND		ug/kg	5000	590
Bromochloromethane	ND		ug/kg	1000	100
1,2-Dibromoethane	ND		ug/kg	500	140
1,2-Dibromo-3-chloropropane	ND		ug/kg	1500	500
Isopropylbenzene	ND		ug/kg	500	54.
1,2,3-Trichlorobenzene	ND		ug/kg	1000	160
1,2,4-Trichlorobenzene	ND		ug/kg	1000	140
Methyl Acetate	ND		ug/kg	2000	480
Cyclohexane	ND		ug/kg	5000	270
1,4-Dioxane	ND		ug/kg	40000	18000
Freon-113	ND		ug/kg	2000	350
Methyl cyclohexane	ND		ug/kg	2000	300

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/25 10:14
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2064939-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG2061204-3 WG2061204-4								
Methylene chloride	84		75		70-130	11		30
1,1-Dichloroethane	88		84		70-130	5		30
Chloroform	89		85		70-130	5		30
Carbon tetrachloride	78		81		70-130	4		30
1,2-Dichloropropane	108		87		70-130	22		30
Dibromochloromethane	93		103		70-130	10		30
1,1,2-Trichloroethane	97		106		70-130	9		30
Tetrachloroethene	84		103		70-130	20		30
Chlorobenzene	89		90		70-130	1		30
Trichlorofluoromethane	85		92		70-139	8		30
1,2-Dichloroethane	92		85		70-130	8		30
1,1,1-Trichloroethane	84		83		70-130	1		30
Bromodichloromethane	105		85		70-130	21		30
trans-1,3-Dichloropropene	92		104		70-130	12		30
cis-1,3-Dichloropropene	111		89		70-130	22		30
Bromoform	90		98		70-130	9		30
1,1,2,2-Tetrachloroethane	102		89		70-130	14		30
Benzene	94		87		70-130	8		30
Toluene	92		86		70-130	7		30
Ethylbenzene	86		88		70-130	2		30
Chloromethane	86		78		52-130	10		30
Bromomethane	128		124		57-147	3		30
Vinyl chloride	93		88		67-130	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG2061204-3 WG2061204-4								
Chloroethane	109		108		50-151	1		30
1,1-Dichloroethene	84		86		65-135	2		30
trans-1,2-Dichloroethene	88		88		70-130	0		30
Trichloroethene	101		90		70-130	12		30
1,2-Dichlorobenzene	90		93		70-130	3		30
1,3-Dichlorobenzene	94		93		70-130	1		30
1,4-Dichlorobenzene	88		90		70-130	2		30
Methyl tert butyl ether	95		89		66-130	7		30
p/m-Xylene	88		91		70-130	3		30
o-Xylene	89		90		70-130	1		30
cis-1,2-Dichloroethene	92		88		70-130	4		30
Styrene	94		97		70-130	3		30
Dichlorodifluoromethane	73		69		30-146	6		30
Acetone	84		81		54-140	4		30
Carbon disulfide	75		77		59-130	3		30
2-Butanone	102		91		70-130	11		30
4-Methyl-2-pentanone	90		99		70-130	10		30
2-Hexanone	78		73		70-130	7		30
Bromochloromethane	95		91		70-130	4		30
1,2-Dibromoethane	102		102		70-130	0		30
1,2-Dibromo-3-chloropropane	82		88		68-130	7		30
Isopropylbenzene	85		101		70-130	17		30
1,2,3-Trichlorobenzene	94		120		70-130	24		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG2061204-3 WG2061204-4								
1,2,4-Trichlorobenzene	93		96		70-130	3		30
Methyl Acetate	101		90		51-146	12		30
Cyclohexane	76		75		59-142	1		30
1,4-Dioxane	80		87		65-136	8		30
Freon-113	80		82		50-139	2		30
Methyl cyclohexane	83		78		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		91		70-130
Toluene-d8	104		98		70-130
4-Bromofluorobenzene	112		110		70-130
Dibromofluoromethane	103		96		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG2061210-3 WG2061210-4								
Methylene chloride	84		75		70-130	11		30
1,1-Dichloroethane	88		84		70-130	5		30
Chloroform	89		85		70-130	5		30
Carbon tetrachloride	78		81		70-130	4		30
1,2-Dichloropropane	108		87		70-130	22		30
Dibromochloromethane	93		103		70-130	10		30
1,1,2-Trichloroethane	97		106		70-130	9		30
Tetrachloroethene	84		103		70-130	20		30
Chlorobenzene	89		90		70-130	1		30
Trichlorofluoromethane	85		92		70-139	8		30
1,2-Dichloroethane	92		85		70-130	8		30
1,1,1-Trichloroethane	84		83		70-130	1		30
Bromodichloromethane	105		85		70-130	21		30
trans-1,3-Dichloropropene	92		104		70-130	12		30
cis-1,3-Dichloropropene	111		89		70-130	22		30
Bromoform	90		98		70-130	9		30
1,1,2,2-Tetrachloroethane	102		89		70-130	14		30
Benzene	94		87		70-130	8		30
Toluene	92		86		70-130	7		30
Ethylbenzene	86		88		70-130	2		30
Chloromethane	86		78		52-130	10		30
Bromomethane	128		124		57-147	3		30
Vinyl chloride	93		88		67-130	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG2061210-3 WG2061210-4								
Chloroethane	109		108		50-151	1		30
1,1-Dichloroethene	84		86		65-135	2		30
trans-1,2-Dichloroethene	88		88		70-130	0		30
Trichloroethene	101		90		70-130	12		30
1,2-Dichlorobenzene	90		93		70-130	3		30
1,3-Dichlorobenzene	94		93		70-130	1		30
1,4-Dichlorobenzene	88		90		70-130	2		30
Methyl tert butyl ether	95		89		66-130	7		30
p/m-Xylene	88		91		70-130	3		30
o-Xylene	89		90		70-130	1		30
cis-1,2-Dichloroethene	92		88		70-130	4		30
Styrene	94		97		70-130	3		30
Dichlorodifluoromethane	73		69		30-146	6		30
Acetone	84		81		54-140	4		30
Carbon disulfide	75		77		59-130	3		30
2-Butanone	102		91		70-130	11		30
4-Methyl-2-pentanone	90		99		70-130	10		30
2-Hexanone	78		73		70-130	7		30
Bromochloromethane	95		91		70-130	4		30
1,2-Dibromoethane	102		102		70-130	0		30
1,2-Dibromo-3-chloropropane	82		88		68-130	7		30
Isopropylbenzene	85		101		70-130	17		30
1,2,3-Trichlorobenzene	94		120		70-130	24		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG2061210-3 WG2061210-4								
1,2,4-Trichlorobenzene	93		96		70-130	3		30
Methyl Acetate	101		90		51-146	12		30
Cyclohexane	76		75		59-142	1		30
1,4-Dioxane	80		87		65-136	8		30
Freon-113	80		82		50-139	2		30
Methyl cyclohexane	83		78		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		91		70-130
Toluene-d8	104		98		70-130
4-Bromofluorobenzene	112		110		70-130
Dibromofluoromethane	103		96		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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: WG2061711-3 WG2061711-4								
Methylene chloride	95		89		70-130	7		30
1,1-Dichloroethane	114		110		70-130	4		30
Chloroform	93		92		70-130	1		30
Carbon tetrachloride	98		96		70-130	2		30
1,2-Dichloropropane	107		110		70-130	3		30
Dibromochloromethane	88		89		70-130	1		30
1,1,2-Trichloroethane	87		89		70-130	2		30
Tetrachloroethene	110		107		70-130	3		30
Chlorobenzene	98		98		70-130	0		30
Trichlorofluoromethane	103		94		70-139	9		30
1,2-Dichloroethane	96		100		70-130	4		30
1,1,1-Trichloroethane	92		90		70-130	2		30
Bromodichloromethane	83		86		70-130	4		30
trans-1,3-Dichloropropene	89		90		70-130	1		30
cis-1,3-Dichloropropene	94		98		70-130	4		30
Bromoform	90		92		70-130	2		30
1,1,2,2-Tetrachloroethane	85		87		70-130	2		30
Benzene	96		96		70-130	0		30
Toluene	93		91		70-130	2		30
Ethylbenzene	95		94		70-130	1		30
Chloromethane	171	Q	151	Q	52-130	12		30
Bromomethane	104		95		57-147	9		30
Vinyl chloride	127		114		67-130	11		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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: WG2061711-3 WG2061711-4								
Chloroethane	100		91		50-151	9		30
1,1-Dichloroethene	106		97		65-135	9		30
trans-1,2-Dichloroethene	105		100		70-130	5		30
Trichloroethene	102		104		70-130	2		30
1,2-Dichlorobenzene	103		104		70-130	1		30
1,3-Dichlorobenzene	109		109		70-130	0		30
1,4-Dichlorobenzene	106		106		70-130	0		30
Methyl tert butyl ether	98		98		66-130	0		30
p/m-Xylene	99		98		70-130	1		30
o-Xylene	96		97		70-130	1		30
cis-1,2-Dichloroethene	93		96		70-130	3		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	113		101		30-146	11		30
Acetone	115		121		54-140	5		30
Carbon disulfide	112		103		59-130	8		30
2-Butanone	106		126		70-130	17		30
4-Methyl-2-pentanone	113		114		70-130	1		30
2-Hexanone	119		121		70-130	2		30
Bromochloromethane	101		102		70-130	1		30
1,2-Dibromoethane	93		96		70-130	3		30
1,2-Dibromo-3-chloropropane	90		98		68-130	9		30
Isopropylbenzene	102		99		70-130	3		30
1,2,3-Trichlorobenzene	105		111		70-130	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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: WG2061711-3 WG2061711-4								
1,2,4-Trichlorobenzene	116		118		70-130	2		30
Methyl Acetate	137		138		51-146	1		30
Cyclohexane	140		133		59-142	5		30
1,4-Dioxane	105		114		65-136	8		30
Freon-113	111		103		50-139	7		30
Methyl cyclohexane	93		93		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	82		87		70-130
Toluene-d8	88		87		70-130
4-Bromofluorobenzene	88		88		70-130
Dibromofluoromethane	88		89		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG2061775-3 WG2061775-4								
Methylene chloride	86		88		70-130	2		30
1,1-Dichloroethane	105		105		70-130	0		30
Chloroform	86		86		70-130	0		30
Carbon tetrachloride	88		89		70-130	1		30
1,2-Dichloropropane	105		107		70-130	2		30
Dibromochloromethane	82		85		70-130	4		30
1,1,2-Trichloroethane	84		85		70-130	1		30
Tetrachloroethene	103		104		70-130	1		30
Chlorobenzene	93		95		70-130	2		30
Trichlorofluoromethane	88		88		70-139	0		30
1,2-Dichloroethane	90		94		70-130	4		30
1,1,1-Trichloroethane	83		85		70-130	2		30
Bromodichloromethane	79		82		70-130	4		30
trans-1,3-Dichloropropene	83		86		70-130	4		30
cis-1,3-Dichloropropene	90		94		70-130	4		30
Bromoform	84		85		70-130	1		30
1,1,2,2-Tetrachloroethane	80		83		70-130	4		30
Benzene	90		93		70-130	3		30
Toluene	87		89		70-130	2		30
Ethylbenzene	88		91		70-130	3		30
Chloromethane	152	Q	147	Q	52-130	3		30
Bromomethane	92		92		57-147	0		30
Vinyl chloride	110		107		67-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG2061775-3 WG2061775-4								
Chloroethane	87		85		50-151	2		30
1,1-Dichloroethene	94		93		65-135	1		30
trans-1,2-Dichloroethene	96		96		70-130	0		30
Trichloroethene	96		98		70-130	2		30
1,2-Dichlorobenzene	100		100		70-130	0		30
1,3-Dichlorobenzene	103		105		70-130	2		30
1,4-Dichlorobenzene	101		103		70-130	2		30
Methyl tert butyl ether	90		92		66-130	2		30
p/m-Xylene	93		95		70-130	2		30
o-Xylene	92		94		70-130	2		30
cis-1,2-Dichloroethene	91		92		70-130	1		30
Styrene	90		92		70-130	2		30
Dichlorodifluoromethane	92		90		30-146	2		30
Acetone	105		94		54-140	11		30
Carbon disulfide	98		98		59-130	0		30
2-Butanone	114		114		70-130	0		30
4-Methyl-2-pentanone	107		109		70-130	2		30
2-Hexanone	107		107		70-130	0		30
Bromochloromethane	95		98		70-130	3		30
1,2-Dibromoethane	89		92		70-130	3		30
1,2-Dibromo-3-chloropropane	88		90		68-130	2		30
Isopropylbenzene	95		96		70-130	1		30
1,2,3-Trichlorobenzene	106		107		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG2061775-3 WG2061775-4								
1,2,4-Trichlorobenzene	113		116		70-130	3		30
Methyl Acetate	125		124		51-146	1		30
Cyclohexane	127		126		59-142	1		30
1,4-Dioxane	100		103		65-136	3		30
Freon-113	98		96		50-139	2		30
Methyl cyclohexane	86		87		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	82		82		70-130
Toluene-d8	88		88		70-130
4-Bromofluorobenzene	89		87		70-130
Dibromofluoromethane	87		88		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 20 Batch: WG2062187-3 WG2062187-4								
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	120		120		63-132	0		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	99		97		75-130	2		25
1,2-Dichloroethane	120		110		70-130	9		20
Benzene	97		98		70-130	1		25
Vinyl chloride	100		100		55-140	0		20
1,1-Dichloroethene	120		120		61-145	0		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	88		91		70-130	3		20
2-Butanone	92		79		63-138	15		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		108		70-130
Toluene-d8	92		92		70-130
4-Bromofluorobenzene	75		81		70-130
dibromofluoromethane	98		95		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 08 Batch: WG2062414-3 WG2062414-4								
Methylene chloride	74		86		70-130	15		30
1,1-Dichloroethane	82		93		70-130	13		30
Chloroform	94		92		70-130	2		30
Carbon tetrachloride	103		100		70-130	3		30
1,2-Dichloropropane	104		105		70-130	1		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	88		89		70-130	1		30
Tetrachloroethene	110		107		70-130	3		30
Chlorobenzene	96		94		70-130	2		30
Trichlorofluoromethane	99		100		70-139	1		30
1,2-Dichloroethane	104		106		70-130	2		30
1,1,1-Trichloroethane	96		96		70-130	0		30
Bromodichloromethane	93		96		70-130	3		30
trans-1,3-Dichloropropene	84		84		70-130	0		30
cis-1,3-Dichloropropene	93		94		70-130	1		30
Bromoform	90		90		70-130	0		30
1,1,2,2-Tetrachloroethane	74		77		70-130	4		30
Benzene	102		99		70-130	3		30
Toluene	90		87		70-130	3		30
Ethylbenzene	91		88		70-130	3		30
Chloromethane	125		127		52-130	2		30
Bromomethane	102		95		57-147	7		30
Vinyl chloride	103		102		67-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 08 Batch: WG2062414-3 WG2062414-4								
Chloroethane	88		90		50-151	2		30
1,1-Dichloroethene	81		91		65-135	12		30
trans-1,2-Dichloroethene	88		96		70-130	9		30
Trichloroethene	104		104		70-130	0		30
1,2-Dichlorobenzene	95		94		70-130	1		30
1,3-Dichlorobenzene	100		98		70-130	2		30
1,4-Dichlorobenzene	95		93		70-130	2		30
Methyl tert butyl ether	71		84		66-130	17		30
p/m-Xylene	97		94		70-130	3		30
o-Xylene	93		91		70-130	2		30
cis-1,2-Dichloroethene	86		85		70-130	1		30
Styrene	91		91		70-130	0		30
Dichlorodifluoromethane	82		84		30-146	2		30
Acetone	93		134		54-140	36	Q	30
Carbon disulfide	76		91		59-130	18		30
2-Butanone	99		115		70-130	15		30
4-Methyl-2-pentanone	71		74		70-130	4		30
2-Hexanone	70		75		70-130	7		30
Bromochloromethane	95		87		70-130	9		30
1,2-Dibromoethane	90		92		70-130	2		30
1,2-Dibromo-3-chloropropane	73		79		68-130	8		30
Isopropylbenzene	92		87		70-130	6		30
1,2,3-Trichlorobenzene	97		98		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 08 Batch: WG2062414-3 WG2062414-4								
1,2,4-Trichlorobenzene	99		96		70-130	3		30
Methyl Acetate	82		115		51-146	34	Q	30
Cyclohexane	97		101		59-142	4		30
1,4-Dioxane	66		67		65-136	2		30
Freon-113	84		95		50-139	12		30
Methyl cyclohexane	90		85		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		107		70-130
Toluene-d8	96		94		70-130
4-Bromofluorobenzene	85		84		70-130
Dibromofluoromethane	107		109		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-14,16-17 Batch: WG2063196-3 WG2063196-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		99		63-130	1		20
1,1,2-Trichloroethane	100		96		70-130	4		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	96		91		70-130	5		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
Bromoform	99		100		54-136	1		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		120		64-130	9		20
Bromomethane	110		120		39-139	9		20
Vinyl chloride	100		110		55-140	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-14,16-17 Batch: WG2063196-3 WG2063196-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	97		100		61-145	3		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	99		98		70-130	1		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	110		100		70-130	10		20
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	130		90		58-148	36	Q	20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	90		85		63-138	6		20
4-Methyl-2-pentanone	100		91		59-130	9		20
2-Hexanone	88		83		57-130	6		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	94		96		41-144	2		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-14,16-17 Batch: WG2063196-3 WG2063196-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,4-Dioxane	134		130		56-162	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		97		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,18-19 Batch: WG2063492-3 WG2063492-4								
Methylene chloride	98		98		70-130	0		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	99		97		70-130	2		20
Dibromochloromethane	96		98		63-130	2		20
1,1,2-Trichloroethane	97		98		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	98		97		75-130	1		20
Trichlorofluoromethane	99		100		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	89		91		70-130	2		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	90		100		54-136	11		20
1,1,2,2-Tetrachloroethane	97		100		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	100		99		70-130	1		20
Ethylbenzene	99		96		70-130	3		20
Chloromethane	98		110		64-130	12		20
Bromomethane	140	Q	130		39-139	7		20
Vinyl chloride	95		100		55-140	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,18-19 Batch: WG2063492-3 WG2063492-4								
Chloroethane	95		95		55-138	0		20
1,1-Dichloroethene	94		92		61-145	2		20
trans-1,2-Dichloroethene	100		99		70-130	1		20
Trichloroethene	100		98		70-130	2		20
1,2-Dichlorobenzene	96		98		70-130	2		20
1,3-Dichlorobenzene	96		99		70-130	3		20
1,4-Dichlorobenzene	93		96		70-130	3		20
Methyl tert butyl ether	97		99		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	94		100		36-147	6		20
Acetone	99		86		58-148	14		20
Carbon disulfide	92		92		51-130	0		20
2-Butanone	82		86		63-138	5		20
4-Methyl-2-pentanone	90		90		59-130	0		20
2-Hexanone	76		78		57-130	3		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	97		100		70-130	3		20
1,2-Dibromo-3-chloropropane	86		96		41-144	11		20
Isopropylbenzene	95		96		70-130	1		20
1,2,3-Trichlorobenzene	93		100		70-130	7		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 15,18-19 Batch: WG2063492-3 WG2063492-4								
1,2,4-Trichlorobenzene	92		98		70-130	6		20
Methyl Acetate	94		95		70-130	1		20
Cyclohexane	91		88		70-130	3		20
1,4-Dioxane	128		136		56-162	6		20
Freon-113	94		93		70-130	1		20
Methyl cyclohexane	96		93		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	104		102		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2064895-3 WG2064895-4								
Methylene chloride	80		79		70-130	1		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	91		89		70-130	2		30
Carbon tetrachloride	94		92		70-130	2		30
1,2-Dichloropropane	94		95		70-130	1		30
Dibromochloromethane	92		94		70-130	2		30
1,1,2-Trichloroethane	96		95		70-130	1		30
Tetrachloroethene	100		96		70-130	4		30
Chlorobenzene	96		96		70-130	0		30
Trichlorofluoromethane	92		89		70-139	3		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	95		93		70-130	2		30
Bromodichloromethane	90		91		70-130	1		30
trans-1,3-Dichloropropene	95		96		70-130	1		30
cis-1,3-Dichloropropene	92		94		70-130	2		30
Bromoform	87		93		70-130	7		30
1,1,2,2-Tetrachloroethane	88		87		70-130	1		30
Benzene	92		91		70-130	1		30
Toluene	88		87		70-130	1		30
Ethylbenzene	98		97		70-130	1		30
Chloromethane	96		90		52-130	6		30
Bromomethane	91		89		57-147	2		30
Vinyl chloride	94		90		67-130	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2064895-3 WG2064895-4								
Chloroethane	96		92		50-151	4		30
1,1-Dichloroethene	91		90		65-135	1		30
trans-1,2-Dichloroethene	89		86		70-130	3		30
Trichloroethene	107		108		70-130	1		30
1,2-Dichlorobenzene	98		100		70-130	2		30
1,3-Dichlorobenzene	101		103		70-130	2		30
1,4-Dichlorobenzene	100		100		70-130	0		30
Methyl tert butyl ether	87		88		66-130	1		30
p/m-Xylene	98		96		70-130	2		30
o-Xylene	98		97		70-130	1		30
cis-1,2-Dichloroethene	87		87		70-130	0		30
Styrene	98		97		70-130	1		30
Dichlorodifluoromethane	85		80		30-146	6		30
Acetone	88		88		54-140	0		30
Carbon disulfide	87		85		59-130	2		30
2-Butanone	99		100		70-130	1		30
4-Methyl-2-pentanone	92		96		70-130	4		30
2-Hexanone	87		90		70-130	3		30
Bromochloromethane	86		89		70-130	3		30
1,2-Dibromoethane	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	90		94		68-130	4		30
Isopropylbenzene	108		107		70-130	1		30
1,2,3-Trichlorobenzene	97		100		70-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2064895-3 WG2064895-4								
1,2,4-Trichlorobenzene	102		103		70-130	1		30
Methyl Acetate	82		81		51-146	1		30
Cyclohexane	102		97		59-142	5		30
1,4-Dioxane	84		93		65-136	10		30
Freon-113	94		93		50-139	1		30
Methyl cyclohexane	97		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	104		106		70-130
Dibromofluoromethane	95		96		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2064911-3 WG2064911-4								
Methylene chloride	103		100		70-130	3		30
1,1-Dichloroethane	100		96		70-130	4		30
Chloroform	106		102		70-130	4		30
Carbon tetrachloride	106		99		70-130	7		30
1,2-Dichloropropane	104		101		70-130	3		30
Dibromochloromethane	105		104		70-130	1		30
1,1,2-Trichloroethane	115		116		70-130	1		30
Tetrachloroethene	114		108		70-130	5		30
Chlorobenzene	106		101		70-130	5		30
Trichlorofluoromethane	94		106		70-139	12		30
1,2-Dichloroethane	91		90		70-130	1		30
1,1,1-Trichloroethane	110		106		70-130	4		30
Bromodichloromethane	107		105		70-130	2		30
trans-1,3-Dichloropropene	111		111		70-130	0		30
cis-1,3-Dichloropropene	113		112		70-130	1		30
Bromoform	106		102		70-130	4		30
1,1,2,2-Tetrachloroethane	103		87		70-130	17		30
Benzene	107		104		70-130	3		30
Toluene	110		106		70-130	4		30
Ethylbenzene	106		102		70-130	4		30
Chloromethane	76		77		52-130	1		30
Bromomethane	108		117		57-147	8		30
Vinyl chloride	88		90		67-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2064911-3 WG2064911-4								
Chloroethane	91		97		50-151	6		30
1,1-Dichloroethene	103		113		65-135	9		30
trans-1,2-Dichloroethene	117		112		70-130	4		30
Trichloroethene	124		136	Q	70-130	9		30
1,2-Dichlorobenzene	102		97		70-130	5		30
1,3-Dichlorobenzene	107		100		70-130	7		30
1,4-Dichlorobenzene	103		96		70-130	7		30
Methyl tert butyl ether	99		98		66-130	1		30
p/m-Xylene	110		106		70-130	4		30
o-Xylene	107		102		70-130	5		30
cis-1,2-Dichloroethene	113		109		70-130	4		30
Styrene	104		100		70-130	4		30
Dichlorodifluoromethane	84		89		30-146	6		30
Acetone	86		85		54-140	1		30
Carbon disulfide	92		99		59-130	7		30
2-Butanone	76		85		70-130	11		30
4-Methyl-2-pentanone	96		99		70-130	3		30
2-Hexanone	76		76		70-130	0		30
Bromochloromethane	110		108		70-130	2		30
1,2-Dibromoethane	117		117		70-130	0		30
1,2-Dibromo-3-chloropropane	108		108		68-130	0		30
Isopropylbenzene	112		104		70-130	7		30
1,2,3-Trichlorobenzene	103		103		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2064911-3 WG2064911-4								
1,2,4-Trichlorobenzene	110		106		70-130	4		30
Methyl Acetate	87		84		51-146	4		30
Cyclohexane	96		90		59-142	6		30
1,4-Dioxane	86		85		65-136	1		30
Freon-113	103		115		50-139	11		30
Methyl cyclohexane	118		112		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	108		106		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2064939-3 WG2064939-4								
Methylene chloride	93		93		70-130	0		30
1,1-Dichloroethane	104		103		70-130	1		30
Chloroform	101		102		70-130	1		30
Carbon tetrachloride	96		95		70-130	1		30
1,2-Dichloropropane	107		107		70-130	0		30
Dibromochloromethane	98		103		70-130	5		30
1,1,2-Trichloroethane	101		103		70-130	2		30
Tetrachloroethene	103		99		70-130	4		30
Chlorobenzene	104		104		70-130	0		30
Trichlorofluoromethane	95		92		70-139	3		30
1,2-Dichloroethane	101		102		70-130	1		30
1,1,1-Trichloroethane	102		101		70-130	1		30
Bromodichloromethane	100		101		70-130	1		30
trans-1,3-Dichloropropene	102		105		70-130	3		30
cis-1,3-Dichloropropene	104		104		70-130	0		30
Bromoform	92		99		70-130	7		30
1,1,2,2-Tetrachloroethane	100		107		70-130	7		30
Benzene	104		104		70-130	0		30
Toluene	95		95		70-130	0		30
Ethylbenzene	105		102		70-130	3		30
Chloromethane	111		109		52-130	2		30
Bromomethane	105		102		57-147	3		30
Vinyl chloride	103		98		67-130	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2064939-3 WG2064939-4								
Chloroethane	106		103		50-151	3		30
1,1-Dichloroethene	95		96		65-135	1		30
trans-1,2-Dichloroethene	100		96		70-130	4		30
Trichloroethene	107		104		70-130	3		30
1,2-Dichlorobenzene	106		106		70-130	0		30
1,3-Dichlorobenzene	110		108		70-130	2		30
1,4-Dichlorobenzene	109		106		70-130	3		30
Methyl tert butyl ether	98		98		66-130	0		30
p/m-Xylene	105		102		70-130	3		30
o-Xylene	106		104		70-130	2		30
cis-1,2-Dichloroethene	100		102		70-130	2		30
Styrene	106		106		70-130	0		30
Dichlorodifluoromethane	98		94		30-146	4		30
Acetone	98		98		54-140	0		30
Carbon disulfide	93		92		59-130	1		30
2-Butanone	103		105		70-130	2		30
4-Methyl-2-pentanone	96		102		70-130	6		30
2-Hexanone	90		95		70-130	5		30
Bromochloromethane	99		101		70-130	2		30
1,2-Dibromoethane	101		105		70-130	4		30
1,2-Dibromo-3-chloropropane	92		100		68-130	8		30
Isopropylbenzene	110		107		70-130	3		30
1,2,3-Trichlorobenzene	103		101		70-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2064939-3 WG2064939-4								
1,2,4-Trichlorobenzene	106		105		70-130	1		30
Methyl Acetate	93		93		51-146	0		30
Cyclohexane	102		94		59-142	8		30
1,4-Dioxane	87		98		65-136	12		30
Freon-113	94		92		50-139	2		30
Methyl cyclohexane	98		90		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	95		97		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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 High - Westborough Lab Associated sample(s): 09 QC Batch ID: WG2061711-6 WG2061711-7 QC Sample: L2524225-09 Client ID: SOIL-104_8-10												
Methylene chloride	ND	5700	4800	85		5100	90		70-130	6		30
1,1-Dichloroethane	ND	5700	5900	103		6300	111		70-130	8		30
Chloroform	ND	5700	4700	82		5000	88		70-130	7		30
Carbon tetrachloride	ND	5700	4900	85		5300	93		70-130	8		30
1,2-Dichloropropane	ND	5700	5800	102		6400	112		70-130	9		30
Dibromochloromethane	ND	5700	4600	80		4900	86		70-130	7		30
1,1,2-Trichloroethane	ND	5700	4600	81		5000	87		70-130	7		30
Tetrachloroethene	ND	5700	4100	72		4300	75		70-130	3		30
Chlorobenzene	ND	5700	3800	67	Q	3900	69	Q	70-130	3		30
Trichlorofluoromethane	ND	5700	3400	60	Q	3300	58	Q	70-139	3		30
1,2-Dichloroethane	ND	5700	5100	90		5600	99		70-130	9		30
1,1,1-Trichloroethane	ND	5700	4700	82		5100	90		70-130	8		30
Bromodichloromethane	ND	5700	4400	78		4800	84		70-130	8		30
trans-1,3-Dichloropropene	ND	5700	4300	75		4600	80		70-130	7		30
cis-1,3-Dichloropropene	ND	5700	4800	84		5200	92		70-130	9		30
Bromoform	ND	5700	4400	78		4800	84		70-130	7		30
1,1,2,2-Tetrachloroethane	ND	5700	4100	71		4400	77		70-130	9		30
Benzene	240	5700	4900	81		5300	88		70-130	7		30
Toluene	5800	5700	7800	35	Q	8000	38	Q	70-130	2		30
Ethylbenzene	2300	5700	4500	39	Q	4500	38	Q	70-130	0		30
Chloromethane	ND	5700	9500	166	Q	10000	177	Q	52-130	6		30
Bromomethane	ND	5700	5400	95		5700	101		57-147	6		30
Vinyl chloride	ND	5700	7300	127		7700	135	Q	67-130	6		30

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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 High - Westborough Lab Associated sample(s): 09 QC Batch ID: WG2061711-6 WG2061711-7 QC Sample: L2524225-09 Client ID: SOIL-104_8-10												
Chloroethane	ND	5700	2000	35	Q	2100	36	Q	50-151	4		30
1,1-Dichloroethene	ND	5700	5600	98		5900	104		65-135	5		30
trans-1,2-Dichloroethene	ND	5700	5100	89		5500	96		70-130	7		30
Trichloroethene	ND	5700	4800	85		5300	92		70-130	8		30
1,2-Dichlorobenzene	ND	5700	3500	62	Q	3500	61	Q	70-130	2		30
1,3-Dichlorobenzene	ND	5700	3200	57	Q	3100	54	Q	70-130	4		30
1,4-Dichlorobenzene	ND	5700	3100	55	Q	3000	52	Q	70-130	5		30
Methyl tert butyl ether	ND	5700	5400	94		5800	101		66-130	7		30
p/m-Xylene	10000	11000	12000	14	Q	11000	13	Q	70-130	2		30
o-Xylene	3800	11000	9000	47	Q	9000	47	Q	70-130	0		30
cis-1,2-Dichloroethene	ND	5700	4800	84		5200	91		70-130	8		30
Styrene	ND	11000	6800	62	Q	6900	62	Q	70-130	1		30
Dichlorodifluoromethane	ND	5700	6200	108		6400	113		30-146	4		30
Acetone	ND	5700	7100	125		7700	135		54-140	8		30
Carbon disulfide	ND	5700	5300	94		5700	99		59-130	6		30
2-Butanone	ND	5700	9700	170	Q	11000	186	Q	70-130	9		30
4-Methyl-2-pentanone	ND	5700	6500	113		7100	125		70-130	10		30
2-Hexanone	ND	5700	7100	124		7800	138	Q	70-130	10		30
Bromochloromethane	ND	5700	5200	92		5700	100		70-130	8		30
1,2-Dibromoethane	ND	5700	4800	85		5200	92		70-130	8		30
1,2-Dibromo-3-chloropropane	ND	5700	5100	89		5700	100		68-130	11		30
Isopropylbenzene	300	5700	3000	48	Q	2900	46	Q	70-130	3		30
1,2,3-Trichlorobenzene	ND	5700	3700	66	Q	3800	67	Q	70-130	2		30

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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 High - Westborough Lab Associated sample(s): 09 QC Batch ID: WG2061711-6 WG2061711-7 QC Sample: L2524225-09 Client ID: SOIL-104_8-10												
1,2,4-Trichlorobenzene	ND	5700	3600	62	Q	3600	63	Q	70-130	1		30
Methyl Acetate	ND	5700	9300	162	Q	10000	181	Q	51-146	11		30
Cyclohexane	1700	5700	8300	116		8900	126		59-142	7		30
1,4-Dioxane	ND	290000	310000	106		340000	118		65-136	11		30
Freon-113	ND	5700	6100	107		6400	113		50-139	5		30
Methyl cyclohexane	1300	5700	5500	74		5900	80		70-130	6		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		86		70-130
4-Bromofluorobenzene	84		84		70-130
Dibromofluoromethane	85		85		70-130
Toluene-d8	85		85		70-130

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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): 11-14,16-17 QC Batch ID: WG2063196-6 WG2063196-7 QC Sample: L2524225-13 Client ID: MW-102-20250424												
Methylene chloride	ND	10	8.6	86		9.4	94		70-130	9		20
1,1-Dichloroethane	ND	10	8.8	88		9.7	97		70-130	10		20
Chloroform	2.8	10	11	82		12	92		70-130	9		20
Carbon tetrachloride	ND	10	9.2	92		9.2	92		63-132	0		20
1,2-Dichloropropane	ND	10	8.4	84		9.3	93		70-130	10		20
Dibromochloromethane	ND	10	8.5	85		9.4	94		63-130	10		20
1,1,2-Trichloroethane	ND	10	8.7	87		9.4	94		70-130	8		20
Tetrachloroethene	2.8	10	11	82		11	82		70-130	0		20
Chlorobenzene	ND	10	8.6	86		8.8	88		75-130	2		20
Trichlorofluoromethane	ND	10	8.9	89		9.3	93		62-150	4		20
1,2-Dichloroethane	ND	10	8.9	89		9.9	99		70-130	11		20
1,1,1-Trichloroethane	ND	10	9.3	93		9.8	98		67-130	5		20
Bromodichloromethane	ND	10	8.7	87		9.5	95		67-130	9		20
trans-1,3-Dichloropropene	ND	10	7.6	76		8.2	82		70-130	8		20
cis-1,3-Dichloropropene	ND	10	8.4	84		9.2	92		70-130	9		20
Bromoform	ND	10	8.5	85		9.4	94		54-136	10		20
1,1,2,2-Tetrachloroethane	ND	10	9.0	90		9.8	98		67-130	9		20
Benzene	ND	10	8.8	88		9.4	94		70-130	7		20
Toluene	ND	10	8.6	86		8.9	89		70-130	3		20
Ethylbenzene	ND	10	8.4	84		8.2	82		70-130	2		20
Chloromethane	ND	10	8.7	87		10	100		64-130	14		20
Bromomethane	ND	10	6.1	61		9.3	93		39-139	42	Q	20
Vinyl chloride	ND	10	8.7	87		10	100		55-140	14		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Project Number: 086328

Lab Number: L2524225

Report Date: 05/15/25

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): 11-14,16-17 QC Batch ID: WG2063196-6 WG2063196-7 QC Sample: L2524225-13 Client ID: MW-102-20250424												
Chloroethane	ND	10	8.1	81		9.4	94		55-138	15		20
1,1-Dichloroethene	ND	10	9.3	93		9.9	99		61-145	6		20
trans-1,2-Dichloroethene	ND	10	8.8	88		9.4	94		70-130	7		20
Trichloroethene	2.3	10	11	87		11	87		70-130	0		20
1,2-Dichlorobenzene	ND	10	8.2	82		8.6	86		70-130	5		20
1,3-Dichlorobenzene	ND	10	8.1	81		8.2	82		70-130	1		20
1,4-Dichlorobenzene	ND	10	7.8	78		8.0	80		70-130	3		20
Methyl tert butyl ether	ND	10	8.7	87		9.9	99		63-130	13		20
p/m-Xylene	ND	20	17	85		17	85		70-130	0		20
o-Xylene	ND	20	17	85		18	90		70-130	6		20
cis-1,2-Dichloroethene	ND	10	8.5	85		9.6	96		70-130	12		20
Styrene	ND	20	17	85		17	85		70-130	0		20
Dichlorodifluoromethane	ND	10	7.8	78		8.4	84		36-147	7		20
Acetone	2.1J	10	9.4	94		11	110		58-148	16		20
Carbon disulfide	ND	10	8.9	89		9.3	93		51-130	4		20
2-Butanone	ND	10	7.2	72		9.9	99		63-138	32	Q	20
4-Methyl-2-pentanone	ND	10	8.1	81		8.9	89		59-130	9		20
2-Hexanone	ND	10	7.8	78		7.1	71		57-130	9		20
Bromochloromethane	ND	10	9.4	94		10	100		70-130	6		20
1,2-Dibromoethane	ND	10	8.5	85		9.4	94		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	8.4	84		9.0	90		41-144	7		20
Isopropylbenzene	ND	10	7.9	79		7.8	78		70-130	1		20
1,2,3-Trichlorobenzene	ND	10	8.4	84		8.8	88		70-130	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 11-14,16-17 QC Batch ID: WG2063196-6 WG2063196-7 QC Sample: L2524225-13 Client ID: MW-102-20250424												
1,2,4-Trichlorobenzene	ND	10	7.9	79		8.1	81		70-130	2		20
Methyl Acetate	ND	10	7.1	71		8.0	80		70-130	12		20
Cyclohexane	ND	10	7.0J	70		7.2J	72		70-130	3		20
1,4-Dioxane	ND	500	580	116		620	124		56-162	7		20
Freon-113	ND	10	7.9	79		8.0	80		70-130	1		20
Methyl cyclohexane	ND	10	6.6J	66	Q	6.8J	68	Q	70-130	3		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	102		102		70-130
Toluene-d8	100		99		70-130

SEMIVOLATILES

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/14/25 12:28
Analyst: CAP
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.020	1
Perfluorooctanoic Acid (PFOA)	0.039	J	ng/g	0.198	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.127	J	ng/g	0.198	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.257	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.021	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.363	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
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		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	115		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	105		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	116		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	114		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99		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)	99		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	107		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	123		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	100		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	108		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	132	Q	40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	111		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	97		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	123		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	117		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	118		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	91		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	105		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	107		15-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01 D
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 15:23
Analyst: SMZ
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	180	10
Hexachlorobenzene	ND		ug/kg	1000	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1700	170	10
3,3'-Dichlorobenzidine	ND		ug/kg	1700	460	10
2,4-Dinitrotoluene	ND		ug/kg	1700	350	10
2,6-Dinitrotoluene	ND		ug/kg	1700	300	10
Fluoranthene	870	J	ug/kg	1000	200	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	180	10
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	300	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	170	10
Hexachlorobutadiene	ND		ug/kg	1700	250	10
Hexachlorocyclopentadiene	ND		ug/kg	5000	1600	10
Hexachloroethane	ND		ug/kg	1400	280	10
Isophorone	ND		ug/kg	1600	220	10
Naphthalene	ND		ug/kg	1700	210	10
Nitrobenzene	ND		ug/kg	1600	260	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	270	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1700	600	10
Butyl benzyl phthalate	ND		ug/kg	1700	440	10
Di-n-butylphthalate	ND		ug/kg	1700	330	10
Di-n-octylphthalate	ND		ug/kg	1700	590	10
Diethyl phthalate	ND		ug/kg	1700	160	10
Dimethyl phthalate	ND		ug/kg	1700	360	10
Benzo(a)anthracene	410	J	ug/kg	1000	200	10
Benzo(a)pyrene	530	J	ug/kg	1400	420	10



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-01 D

Date Collected: 04/18/25 09:00

Client ID: SOIL-102_1-2

Date Received: 04/18/25

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	720	J	ug/kg	1000	290	10
Benzo(k)fluoranthene	ND		ug/kg	1000	280	10
Chrysene	440	J	ug/kg	1000	180	10
Acenaphthylene	ND		ug/kg	1400	270	10
Anthracene	ND		ug/kg	1000	340	10
Benzo(ghi)perylene	520	J	ug/kg	1400	200	10
Fluorene	ND		ug/kg	1700	170	10
Phenanthrene	440	J	ug/kg	1000	210	10
Dibenzo(a,h)anthracene	ND		ug/kg	1000	200	10
Indeno(1,2,3-cd)pyrene	450	J	ug/kg	1400	240	10
Pyrene	950	J	ug/kg	1000	170	10
Biphenyl	ND		ug/kg	4000	220	10
4-Chloroaniline	ND		ug/kg	1700	320	10
2-Nitroaniline	ND		ug/kg	1700	330	10
3-Nitroaniline	ND		ug/kg	1700	330	10
4-Nitroaniline	ND		ug/kg	1700	720	10
Dibenzofuran	ND		ug/kg	1700	160	10
2-Methylnaphthalene	ND		ug/kg	2100	210	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	180	10
Acetophenone	ND		ug/kg	1700	210	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	330	10
p-Chloro-m-cresol	ND		ug/kg	1700	260	10
2-Chlorophenol	ND		ug/kg	1700	200	10
2,4-Dichlorophenol	ND		ug/kg	1600	280	10
2,4-Dimethylphenol	ND		ug/kg	1700	570	10
2-Nitrophenol	ND		ug/kg	3800	650	10
4-Nitrophenol	ND		ug/kg	2400	710	10
2,4-Dinitrophenol	ND		ug/kg	8300	810	10
4,6-Dinitro-o-cresol	ND		ug/kg	4500	830	10
Pentachlorophenol	ND		ug/kg	1400	380	10
Phenol	ND		ug/kg	1700	260	10
2-Methylphenol	ND		ug/kg	1700	270	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2500	270	10
2,4,5-Trichlorophenol	ND		ug/kg	1700	330	10
Carbazole	ND		ug/kg	1700	170	10
Atrazine	ND		ug/kg	1400	610	10
Benzaldehyde	ND		ug/kg	2300	470	10



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01 D
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
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	1700	530	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1700	350	10
1,4-Dioxane	ND		ug/kg	260	80.	10

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	38		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	47		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-02
Client ID: SOIL-102_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 15:45
Analyst: SMZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	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	33.	1
Fluoranthene	2000		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	62	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	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	960		ug/kg	120	22.	1
Benzo(a)pyrene	1000		ug/kg	160	48.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-02
Client ID: SOIL-102_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1300		ug/kg	120	33.	1
Benzo(k)fluoranthene	440		ug/kg	120	31.	1
Chrysene	940		ug/kg	120	20.	1
Acenaphthylene	76	J	ug/kg	160	30.	1
Anthracene	330		ug/kg	120	38.	1
Benzo(ghi)perylene	680		ug/kg	160	23.	1
Fluorene	110	J	ug/kg	200	19.	1
Phenanthrene	1400		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	160		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	690		ug/kg	160	27.	1
Pyrene	1700		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	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	75	J	ug/kg	200	18.	1
2-Methylnaphthalene	34	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	170	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-02
Client ID: SOIL-102_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:10
Date Received: 04/18/25
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	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Tentatively Identified Compounds

Total TIC Compounds	1890	J	ug/kg			1
Unknown Ketone	229	J	ug/kg			1
Unknown	194	J	ug/kg			1
Unknown PAH	252	J	ug/kg			1
Unknown PAH	195	J	ug/kg			1
Unknown PAH	741	J	ug/kg			1
Unknown	274	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	91		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 12:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 16:06
Analyst: SMZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	510		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	250		ug/kg	120	23.	1
Benzo(a)pyrene	270		ug/kg	160	50.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-03
 Client ID: CHA-1
 Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 12:00
 Date Received: 04/18/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	350		ug/kg	120	34.	1
Benzo(k)fluoranthene	120		ug/kg	120	33.	1
Chrysene	240		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	65	J	ug/kg	120	40.	1
Benzo(ghi)perylene	160		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	220		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	40	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	160	29.	1
Pyrene	450		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	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	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	980	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	25	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 12:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1

Tentatively Identified Compounds

Total TIC Compounds	1010	J	ug/kg	1
Unknown	170	J	ug/kg	1
Unknown PAH	174	J	ug/kg	1
Unknown	664	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	89		18-120



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 16:27
Analyst: SMZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

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	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	52	J	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	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	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	28	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
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	32.	1
Chrysene	27	J	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	32	J	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	51	J	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	81.	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	31.	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-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
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

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	81		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/14/25 12:37
Analyst: CAP
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
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)	110				8-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	107				35-130	
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)	105				40-165	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102				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)	106				40-130	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	116				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102				40-215	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	133			Q	40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93				40-275	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88				40-135	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	133			Q	40-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	106				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				40-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	127				40-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	126				20-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	109				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	97				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	100				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	103				20-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	103				15-130	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-05
Client ID: SOIL-101_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:05
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 16:48
Analyst: SMZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

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	ND		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	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	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	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-05
Client ID: SOIL-101_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:05
Date Received: 04/18/25
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	32.	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	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	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	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	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-05
Client ID: SOIL-101_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:05
Date Received: 04/18/25
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

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		25-120
Phenol-d6	110		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	92		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/29/25 11:06
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/28/25 02:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	121	Q	25-120
Phenol-d6	128	Q	10-120
Nitrobenzene-d5	128	Q	23-120
2-Fluorobiphenyl	127	Q	30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	117		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/14/25 12:46
Analyst: CAP
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.257	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.021	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.363	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
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)	108				8-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	110				35-130	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92				40-135	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				40-165	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	109				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)	88				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)	94				40-215	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	112				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	91				40-275	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89				40-135	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	111				40-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	107				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				40-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	112				40-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100				20-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	113				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	86				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	101				20-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105				15-130	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
 Client ID: SOIL-104_8-10
 Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
 Date Received: 04/18/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 04/29/25 04:10
 Analyst: JG
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 04/28/25 02:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	125	Q	25-120
Phenol-d6	129	Q	10-120
Nitrobenzene-d5	119		23-120
2-Fluorobiphenyl	132	Q	30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	117		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-09
 Client ID: SOIL-104_8-10
 Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
 Date Received: 04/18/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 144,1633
 Analytical Date: 05/14/25 12:55
 Analyst: CAP
 Percent Solids: 84%

Extraction Method: EPA 1633
 Extraction Date: 05/12/25 13:30
 Cleanup Method: EPA 1633
 Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-09
 Client ID: SOIL-104_8-10
 Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
 Date Received: 04/18/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
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)	124				8-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	126				35-130	
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)	109				40-165	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	121				40-130	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	124				40-130	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	113				40-130	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	118				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112				40-215	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	127				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	119				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	134			Q	40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	108				40-275	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	109				40-135	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	137			Q	40-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	120				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	106				40-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	135			Q	40-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	124				20-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	126				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	111				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	107				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	120				20-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	123				15-130	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 03:30
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
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	10.9	J	ug/l	1
Unknown Organic Acid	4.60	J	ug/l	1
Unknown Organic Acid	6.30	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	89		41-149



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/04/25 21:12
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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	ND		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	0.12	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
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	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	72		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 13:42
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	39			15-110		

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 18:50
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	24.4		ng/l	6.07	0.501	1
Perfluoropentanoic Acid (PFPeA)	82.5		ng/l	3.04	0.342	1
Perfluorobutanesulfonic Acid (PFBS)	6.05		ng/l	1.52	0.380	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.07	0.866	1
Perfluorohexanoic Acid (PFHxA)	44.6		ng/l	1.52	0.235	1
Perfluoropentanesulfonic Acid (PFPeS)	3.52		ng/l	1.52	0.197	1
Perfluoroheptanoic Acid (PFHpA)	22.8		ng/l	1.52	0.228	1
Perfluorohexanesulfonic Acid (PFHxS)	18.3		ng/l	1.52	0.129	1
Perfluorooctanoic Acid (PFOA)	60.2		ng/l	1.52	0.250	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.07	4.57	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.52	0.190	1
Perfluorononanoic Acid (PFNA)	1.17	J	ng/l	1.52	0.250	1
Perfluorooctanesulfonic Acid (PFOS)	2.80	F	ng/l	1.52	0.250	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.52	0.197	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.07	1.16	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.52	0.190	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.52	0.456	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.52	0.167	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.52	0.129	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.52	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.52	0.456	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.52	0.205	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.52	0.175	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.52	0.152	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.07	1.52	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.07	0.357	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.52	0.228	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.07	0.418	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.07	0.425	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.52	0.212	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.52	0.334	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.2	1.24	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.2	1.05	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.04	0.235	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.04	0.342	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	3.04	0.311	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.04	0.516	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.59	0.509	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.0	4.04	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.0	3.02	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
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)	67		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	59		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	65		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	105		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	61		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	63		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	58		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	62		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)	61		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	47		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	56		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	51		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	58		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	42		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	45		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11 RE
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 11:38
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.12		ug/l	0.10	0.02	1
2-Chloronaphthalene	0.10	J	ug/l	0.20	0.02	1
Fluoranthene	0.24		ug/l	0.10	0.03	1
Hexachlorobutadiene	0.05	J	ug/l	0.50	0.02	1
Naphthalene	0.10		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.16		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.16		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.16		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.14		ug/l	0.10	0.03	1
Chrysene	0.15		ug/l	0.10	0.03	1
Acenaphthylene	0.10	J	ug/l	0.10	0.02	1
Anthracene	0.14		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.13		ug/l	0.10	0.02	1
Fluorene	0.13		ug/l	0.10	0.03	1
Phenanthrene	0.30		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.12		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.13		ug/l	0.10	0.02	1
Pyrene	0.22		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.10	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.09	J	ug/l	0.80	0.01	1
Hexachloroethane	0.05	J	ug/l	0.80	0.02	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11 RE
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	84		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 03:54
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	93.8	J	ug/l	1
Unknown	12.3	J	ug/l	1
Unknown	21.6	J	ug/l	1
Unknown	4.30	J	ug/l	1
Unknown Alcohol	17.8	J	ug/l	1
Unknown	15.1	J	ug/l	1
Unknown	12.4	J	ug/l	1
Unknown	10.3	J	ug/l	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	40		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	90		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/04/25 21:29
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	39		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	71		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 14:08
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	147	33.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	38			15-110		

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 18:59
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	22.5		ng/l	5.98	0.493	1
Perfluoropentanoic Acid (PFPeA)	78.9		ng/l	2.99	0.336	1
Perfluorobutanesulfonic Acid (PFBS)	5.77		ng/l	1.50	0.374	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.98	0.852	1
Perfluorohexanoic Acid (PFHxA)	39.0		ng/l	1.50	0.232	1
Perfluoropentanesulfonic Acid (PFPeS)	3.85		ng/l	1.50	0.194	1
Perfluoroheptanoic Acid (PFHpA)	22.1		ng/l	1.50	0.224	1
Perfluorohexanesulfonic Acid (PFHxS)	18.1		ng/l	1.50	0.127	1
Perfluorooctanoic Acid (PFOA)	59.1		ng/l	1.50	0.247	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.98	4.50	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.50	0.187	1
Perfluorononanoic Acid (PFNA)	0.800	J	ng/l	1.50	0.247	1
Perfluorooctanesulfonic Acid (PFOS)	2.36	F	ng/l	1.50	0.247	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.50	0.194	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.98	1.14	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.50	0.187	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.50	0.449	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.50	0.164	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.50	0.127	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.50	0.090	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.50	0.449	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.50	0.202	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.50	0.172	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.50	0.150	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.98	1.50	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.98	0.351	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.50	0.224	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.98	0.411	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.98	0.419	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.50	0.209	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.50	0.329	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.0	1.22	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.0	1.03	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.99	0.232	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.99	0.336	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	2.99	0.306	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.99	0.508	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.48	0.501	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.4	3.98	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.4	2.98	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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)	84		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		40-130
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)	127		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	72		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	67		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	58		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	52		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	58		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	48		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	47		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	52		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12 RE
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 11:55
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10	J	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	0.07	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Chrysene	0.05	J	ug/l	0.10	0.03	1
Acenaphthylene	0.03	J	ug/l	0.10	0.02	1
Anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.12		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.02	1
Pyrene	0.09	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12 RE
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	45		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	61		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 05:05
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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	29.3	J	ug/l	1
Unknown	4.50	J	ug/l	1
Unknown	4.80	J	ug/l	1
Unknown	6.90	J	ug/l	1
Unknown	7.30	J	ug/l	1
Unknown	5.80	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	84		41-149



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 17:39
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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	32		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	33		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	45		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 14:35
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	40			15-110		

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 19:08
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.93	J	ng/l	5.61	0.463	1
Perfluoropentanoic Acid (PFPeA)	4.24		ng/l	2.80	0.316	1
Perfluorobutanesulfonic Acid (PFBS)	1.23	J	ng/l	1.40	0.351	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.61	0.799	1
Perfluorohexanoic Acid (PFHxA)	2.86		ng/l	1.40	0.217	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.40	0.182	1
Perfluoroheptanoic Acid (PFHpA)	1.42		ng/l	1.40	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	1.23	J	ng/l	1.40	0.119	1
Perfluorooctanoic Acid (PFOA)	3.88		ng/l	1.40	0.231	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.61	4.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.40	0.175	1
Perfluorononanoic Acid (PFNA)	0.884	J	ng/l	1.40	0.231	1
Perfluorooctanesulfonic Acid (PFOS)	0.940	J	ng/l	1.40	0.231	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.40	0.182	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.61	1.07	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.40	0.175	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.40	0.421	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.40	0.154	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.40	0.119	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.40	0.084	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.40	0.421	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.40	0.189	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.40	0.161	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.40	0.140	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.61	1.40	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.61	0.330	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.40	0.210	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.61	0.386	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.61	0.393	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.40	0.196	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.40	0.308	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.0	1.14	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.0	0.968	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.80	0.217	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.80	0.316	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	2.80	0.287	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.80	0.477	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.01	0.470	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	35.1	3.73	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	35.1	2.79	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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)	92		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	106		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	147		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)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		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)	87		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		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)	81		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13 RE
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 12:12
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.23		ug/l	0.10	0.02	1
2-Chloronaphthalene	0.16	J	ug/l	0.20	0.02	1
Fluoranthene	0.76		ug/l	0.10	0.03	1
Hexachlorobutadiene	0.05	J	ug/l	0.50	0.02	1
Naphthalene	0.26		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.36		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.29		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.30		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.20		ug/l	0.10	0.03	1
Chrysene	0.34		ug/l	0.10	0.03	1
Acenaphthylene	0.13		ug/l	0.10	0.02	1
Anthracene	0.32		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.16		ug/l	0.10	0.02	1
Fluorene	0.25		ug/l	0.10	0.03	1
Phenanthrene	1.2		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.11		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.18		ug/l	0.10	0.02	1
Pyrene	0.63		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.20		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.08	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13 RE
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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	46		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	61		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 05:28
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	81.8	J	ug/l	1
Unknown	12.9	J	ug/l	1
Unknown	10.6	J	ug/l	1
Unknown	13.4	J	ug/l	1
Unknown	5.20	J	ug/l	1
Unknown	19.6	J	ug/l	1
Unknown	12.1	J	ug/l	1
Unknown	8.00	J	ug/l	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	89		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 18:30
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	30		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	33		15-120
2,4,6-Tribromophenol	34		10-120
4-Terphenyl-d14	42		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 15:54
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	142	32.0	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			39		15-110	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 19:35
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.78		ng/l	5.97	0.493	1
Perfluoropentanoic Acid (PFPeA)	3.11		ng/l	2.99	0.336	1
Perfluorobutanesulfonic Acid (PFBS)	1.32	J	ng/l	1.49	0.373	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.97	0.851	1
Perfluorohexanoic Acid (PFHxA)	2.29		ng/l	1.49	0.231	1
Perfluoropentanesulfonic Acid (PFPeS)	0.284	J	ng/l	1.49	0.194	1
Perfluoroheptanoic Acid (PFHpA)	0.978	J	ng/l	1.49	0.224	1
Perfluorohexanesulfonic Acid (PFHxS)	1.18	J	ng/l	1.49	0.127	1
Perfluorooctanoic Acid (PFOA)	3.80		ng/l	1.49	0.246	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.97	4.49	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.49	0.187	1
Perfluorononanoic Acid (PFNA)	0.440	J	ng/l	1.49	0.246	1
Perfluorooctanesulfonic Acid (PFOS)	1.52		ng/l	1.49	0.246	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.49	0.194	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.97	1.14	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.49	0.187	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.49	0.448	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.49	0.164	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.49	0.127	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.49	0.090	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.49	0.448	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.49	0.202	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.49	0.172	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.49	0.149	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.97	1.49	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.97	0.351	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.49	0.224	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.97	0.411	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.97	0.418	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.49	0.209	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.49	0.328	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.9	1.22	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.9	1.03	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.99	0.231	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.99	0.336	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	2.99	0.306	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.99	0.508	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.46	0.500	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.3	3.97	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.3	2.97	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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)	101		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	138		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		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)	85		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	111		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14 RE
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 13:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	0.03	J	ug/l	0.20	0.02	1
Fluoranthene	0.10		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	0.06	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Chrysene	0.06	J	ug/l	0.10	0.03	1
Acenaphthylene	0.03	J	ug/l	0.10	0.02	1
Anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.13		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.02	1
Pyrene	0.09	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14 RE
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	63		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 05:51
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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	1.6	J	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	98.6	J	ug/l	1
Unknown	23.5	J	ug/l	1
Unknown	4.40	J	ug/l	1
Unknown	15.1	J	ug/l	1
Unknown Alcohol	19.0	J	ug/l	1
Unknown	10.9	J	ug/l	1
Unknown	13.0	J	ug/l	1
Unknown	12.7	J	ug/l	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	85		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 18:47
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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	35		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	52		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 16:20
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			38		15-110	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-15
 Client ID: FB-20250424
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 05/06/25 19:43
 Analyst: ANH

Extraction Method: EPA 1633
 Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.28	0.518	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.14	0.353	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.57	0.393	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.28	0.895	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.57	0.243	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.57	0.204	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.57	0.236	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.57	0.134	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.57	0.259	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.28	4.73	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.57	0.196	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.57	0.259	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.57	0.259	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.57	0.204	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.28	1.20	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.57	0.196	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.57	0.471	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.57	0.173	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.57	0.134	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.57	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.57	0.471	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.57	0.212	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.57	0.181	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.57	0.157	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.28	1.57	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.28	0.369	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.57	0.236	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.28	0.432	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.28	0.440	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.57	0.220	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.57	0.346	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.7	1.28	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.7	1.08	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.14	0.243	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.14	0.353	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	3.14	0.322	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.14	0.534	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.85	0.526	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.3	4.18	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.3	3.12	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74		40-130
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)	65		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	69		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	64		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)	68		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	66		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	64		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	54		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	49		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	60		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	48		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15 **RE**
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 13:19
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

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	0.06	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	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.03	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	0.08	J	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	0.03	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15 RE
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	76		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 06:15
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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	0.52	J	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	85.9	J	ug/l			1
Unknown	14.2	J	ug/l			1
Unknown	7.70	J	ug/l			1
Unknown Organic Acid	4.30	J	ug/l			1
Unknown	10.3	J	ug/l			1
Unknown	13.0	J	ug/l			1
Unknown	9.20	J	ug/l			1
Unknown	14.1	J	ug/l			1
Unknown	8.70	J	ug/l			1
Unknown Organic Acid	4.40	J	ug/l			1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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	45		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	91		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 19:04
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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	36		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	48		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 16:46
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			36		15-110	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 19:52
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.52	0.538	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.26	0.367	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.63	0.407	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.52	0.929	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.63	0.252	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.63	0.212	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.63	0.244	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.63	0.138	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.63	0.269	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.52	4.90	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.63	0.204	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.63	0.269	1
Perfluorooctanesulfonic Acid (PFOS)	0.864	J	ng/l	1.63	0.269	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.63	0.212	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.52	1.25	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.63	0.204	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.63	0.489	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.63	0.179	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.63	0.138	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.63	0.098	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.63	0.489	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.63	0.220	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.63	0.187	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.63	0.163	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.52	1.63	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.52	0.383	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.63	0.244	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.52	0.448	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.52	0.456	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.63	0.228	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.63	0.358	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.3	1.33	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.3	1.12	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.26	0.252	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.26	0.367	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	3.26	0.334	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.26	0.554	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.15	0.546	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.7	4.33	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.7	3.24	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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)	81		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80		40-130
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)	74		40-200
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)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		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)	71		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	58		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16 RE
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 13:53
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

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	0.04	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	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	0.04	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16 RE
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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	60		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	68		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 06:38
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
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	1.1	J	ug/l	5.0	0.35	1
2-Methylphenol	6.0		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

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	155	J	ug/l			1
Unknown Benzene	10.9	J	ug/l			1
Unknown Organic Acid	5.00	J	ug/l			1
Unknown	18.1	J	ug/l			1
Unknown	20.3	J	ug/l			1
Unknown Benzene	6.30	J	ug/l			1
Unknown	11.1	J	ug/l			1
Unknown Alcohol	7.40	J	ug/l			1
Unknown Benzene	6.50	J	ug/l			1
Unknown	11.0	J	ug/l			1
Unknown	5.20	J	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown	5.10	J	ug/l			1
Unknown	19.7	J	ug/l			1
Unknown	18.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	97		41-149



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 19:21
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	68		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17 RE
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 14:10
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Chrysene	0.05	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.11		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02	1
Pyrene	0.08	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17 RE
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
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	46		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	69		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 07:02
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 12:50

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
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

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	92		41-149



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 19:37
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 12:50

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
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	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	34		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	69		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19 RE
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 14:27
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

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	0.04	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	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	0.05	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19 RE
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
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	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	66		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/05/25 12:13
Analyst: SMZ
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/01/25 22:30

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 10:00

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	1.8	J	ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pyridine	ND		ug/l	3.5	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	79		41-149



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/05/25 00:54
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

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	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		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	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	300		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	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	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
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	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	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	28.	1
Pyrene	ND		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	250		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	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	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	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	37	J	ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	36	J	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	54.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
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

Tentatively Identified Compounds

Total TIC Compounds	4420	J	ug/kg			1
Unknown Benzene	1240	J	ug/kg			1
Benzene, Propyl-	206	NJ	ug/kg			1
Unknown Benzene	322	J	ug/kg			1
Indane	252	NJ	ug/kg			1
Unknown Benzene	534	J	ug/kg			1
Unknown Benzene	357	J	ug/kg			1
Unknown Benzene	752	J	ug/kg			1
Unknown	761	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	70		18-120



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Oil
Analytical Method: 1,8270E
Analytical Date: 05/05/25 00:11
Analyst: LJG
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
Extraction Date: 05/02/25 01:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	38000	4900	1
Hexachlorobenzene	ND		ug/kg	28000	5300	1
Bis(2-chloroethyl)ether	ND		ug/kg	42000	6400	1
2-Chloronaphthalene	ND		ug/kg	47000	4700	1
3,3'-Dichlorobenzidine	ND		ug/kg	47000	12000	1
2,4-Dinitrotoluene	ND		ug/kg	47000	9400	1
2,6-Dinitrotoluene	ND		ug/kg	47000	8100	1
Fluoranthene	ND		ug/kg	28000	5400	1
4-Chlorophenyl phenyl ether	ND		ug/kg	47000	5000	1
4-Bromophenyl phenyl ether	ND		ug/kg	47000	7200	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	57000	8000	1
Bis(2-chloroethoxy)methane	ND		ug/kg	51000	4700	1
Hexachlorobutadiene	ND		ug/kg	47000	6900	1
Hexachlorocyclopentadiene	ND		ug/kg	130000	43000	1
Hexachloroethane	ND		ug/kg	38000	7600	1
Isophorone	ND		ug/kg	42000	6100	1
Naphthalene	ND		ug/kg	47000	5700	1
Nitrobenzene	ND		ug/kg	42000	7000	1
NDPA/DPA	ND		ug/kg	38000	5400	1
n-Nitrosodi-n-propylamine	ND		ug/kg	47000	7300	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	47000	16000	1
Butyl benzyl phthalate	ND		ug/kg	47000	12000	1
Di-n-butylphthalate	ND		ug/kg	47000	8900	1
Di-n-octylphthalate	ND		ug/kg	47000	16000	1
Diethyl phthalate	ND		ug/kg	47000	4400	1
Dimethyl phthalate	ND		ug/kg	47000	9900	1
Benzo(a)anthracene	ND		ug/kg	28000	5300	1
Benzo(a)pyrene	ND		ug/kg	38000	12000	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
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	28000	7900	1
Benzo(k)fluoranthene	ND		ug/kg	28000	7500	1
Chrysene	ND		ug/kg	28000	4900	1
Acenaphthylene	ND		ug/kg	38000	7300	1
Anthracene	ND		ug/kg	28000	9200	1
Benzo(ghi)perylene	ND		ug/kg	38000	5500	1
Fluorene	ND		ug/kg	47000	4600	1
Phenanthrene	ND		ug/kg	28000	5700	1
Dibenzo(a,h)anthracene	ND		ug/kg	28000	5400	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	38000	6600	1
Pyrene	ND		ug/kg	28000	4700	1
Biphenyl	ND		ug/kg	110000	6100	1
4-Chloroaniline	ND		ug/kg	47000	8600	1
2-Nitroaniline	ND		ug/kg	47000	9100	1
3-Nitroaniline	ND		ug/kg	47000	8900	1
4-Nitroaniline	ND		ug/kg	47000	20000	1
Dibenzofuran	ND		ug/kg	47000	4500	1
2-Methylnaphthalene	ND		ug/kg	57000	5700	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	47000	4900	1
Acetophenone	ND		ug/kg	47000	5800	1
2,4,6-Trichlorophenol	ND		ug/kg	28000	8900	1
p-Chloro-m-cresol	ND		ug/kg	47000	7000	1
2-Chlorophenol	ND		ug/kg	47000	5600	1
2,4-Dichlorophenol	ND		ug/kg	42000	7600	1
2,4-Dimethylphenol	ND		ug/kg	47000	16000	1
2-Nitrophenol	ND		ug/kg	100000	18000	1
4-Nitrophenol	ND		ug/kg	66000	19000	1
2,4-Dinitrophenol	ND		ug/kg	230000	22000	1
4,6-Dinitro-o-cresol	ND		ug/kg	120000	23000	1
Pentachlorophenol	ND		ug/kg	38000	10000	1
Phenol	ND		ug/kg	47000	7100	1
2-Methylphenol	ND		ug/kg	47000	7300	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	68000	7400	1
2,4,5-Trichlorophenol	ND		ug/kg	47000	9000	1
Carbazole	ND		ug/kg	47000	4600	1
Atrazine	ND		ug/kg	38000	16000	1
Benzaldehyde	ND		ug/kg	62000	13000	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
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	47000	14000	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	47000	9500	1

Tentatively Identified Compounds

Total TIC Compounds	709000	J	ug/kg			1
Unknown	67600	J	ug/kg			1
Unknown Alkane	56500	J	ug/kg			1
Unknown Alkane	100000	J	ug/kg			1
Unknown Cycloalkane	39000	J	ug/kg			1
Unknown	47200	J	ug/kg			1
Unknown Naphthalene	79400	J	ug/kg			1
Unknown	63000	J	ug/kg			1
Unknown	38900	J	ug/kg			1
Unknown	39900	J	ug/kg			1
Unknown Alkane	129000	J	ug/kg			1
Unknown Alkane	48500	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	133	Q	25-120
Phenol-d6	123	Q	10-120
Nitrobenzene-d5	129	Q	23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	112		18-120



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/27/25 12:46
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 04/26/25 23:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059114-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	57.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/27/25 12:46
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 04/26/25 23:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059114-1					
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	63.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/27/25 12:46
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 04/26/25 23:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2059114-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	51.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.
1,4-Dioxane	ND		ug/kg	25	7.7

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	58		18-120



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/29/25 08:04
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 04/28/25 01:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,09 Batch: WG2059382-1					
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	75		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/02/25 00:21
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-17,19 Batch: WG2060983-1					
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
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



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/02/25 00:21
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-17,19 Batch: WG2060983-1					
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

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 05/02/25 00:21
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 05/01/25 09:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-17,19 Batch: WG2060983-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	60		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/04/25 17:13
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-17,19 Batch: WG2060984-1					
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	0.12	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 05/04/25 17:13
 Analyst: SLR

Extraction Method: EPA 3510C
 Extraction Date: 05/01/25 09:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-17,19 Batch: WG2060984-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	71		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 11:03
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 11-16 Batch: WG2061305-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/25 20:17
Analyst: LJG

Extraction Method: EPA 3580A
Extraction Date: 05/02/25 01:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2061403-1					
Acenaphthene	ND		ug/kg	37000	4800
Hexachlorobenzene	ND		ug/kg	28000	5200
Bis(2-chloroethyl)ether	ND		ug/kg	42000	6300
2-Chloronaphthalene	ND		ug/kg	46000	4600
3,3'-Dichlorobenzidine	ND		ug/kg	46000	12000
2,4-Dinitrotoluene	ND		ug/kg	46000	9200
2,6-Dinitrotoluene	ND		ug/kg	46000	7900
Fluoranthene	ND		ug/kg	28000	5300
4-Chlorophenyl phenyl ether	ND		ug/kg	46000	5000
4-Bromophenyl phenyl ether	ND		ug/kg	46000	7100
Bis(2-chloroisopropyl)ether	ND		ug/kg	56000	7900
Bis(2-chloroethoxy)methane	ND		ug/kg	50000	4600
Hexachlorobutadiene	ND		ug/kg	46000	6800
Hexachlorocyclopentadiene	ND		ug/kg	130000	42000
Hexachloroethane	ND		ug/kg	37000	7500
Isophorone	ND		ug/kg	42000	6000
Naphthalene	ND		ug/kg	46000	5600
Nitrobenzene	ND		ug/kg	42000	6800
NDPA/DPA	ND		ug/kg	37000	5300
n-Nitrosodi-n-propylamine	ND		ug/kg	46000	7100
Bis(2-ethylhexyl)phthalate	ND		ug/kg	46000	16000
Butyl benzyl phthalate	ND		ug/kg	46000	12000
Di-n-butylphthalate	ND		ug/kg	46000	8800
Di-n-octylphthalate	ND		ug/kg	46000	16000
Diethyl phthalate	ND		ug/kg	46000	4300
Dimethyl phthalate	ND		ug/kg	46000	9700
Benzo(a)anthracene	ND		ug/kg	28000	5200
Benzo(a)pyrene	ND		ug/kg	37000	11000
Benzo(b)fluoranthene	ND		ug/kg	28000	7800



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/25 20:17
Analyst: LJG

Extraction Method: EPA 3580A
Extraction Date: 05/02/25 01:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2061403-1					
Benzo(k)fluoranthene	ND		ug/kg	28000	7400
Chrysene	ND		ug/kg	28000	4800
Acenaphthylene	ND		ug/kg	37000	7100
Anthracene	ND		ug/kg	28000	9000
Benzo(ghi)perylene	ND		ug/kg	37000	5400
Fluorene	ND		ug/kg	46000	4500
Phenanthrene	ND		ug/kg	28000	5600
Dibenzo(a,h)anthracene	ND		ug/kg	28000	5400
Indeno(1,2,3-cd)pyrene	ND		ug/kg	37000	6400
Pyrene	ND		ug/kg	28000	4600
Biphenyl	ND		ug/kg	100000	6000
4-Chloroaniline	ND		ug/kg	46000	8400
2-Nitroaniline	ND		ug/kg	46000	8900
3-Nitroaniline	ND		ug/kg	46000	8700
4-Nitroaniline	ND		ug/kg	46000	19000
Dibenzofuran	ND		ug/kg	46000	4400
2-Methylnaphthalene	ND		ug/kg	56000	5600
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	46000	4800
Acetophenone	ND		ug/kg	46000	5700
2,4,6-Trichlorophenol	ND		ug/kg	28000	8800
p-Chloro-m-cresol	ND		ug/kg	46000	6900
2-Chlorophenol	ND		ug/kg	46000	5500
2,4-Dichlorophenol	ND		ug/kg	42000	7400
2,4-Dimethylphenol	ND		ug/kg	46000	15000
2-Nitrophenol	ND		ug/kg	100000	17000
4-Nitrophenol	ND		ug/kg	65000	19000
2,4-Dinitrophenol	ND		ug/kg	220000	22000
4,6-Dinitro-o-cresol	ND		ug/kg	120000	22000
Pentachlorophenol	ND		ug/kg	37000	10000



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/25 20:17
Analyst: LJG

Extraction Method: EPA 3580A
Extraction Date: 05/02/25 01:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21 Batch: WG2061403-1					
Phenol	ND		ug/kg	46000	7000
2-Methylphenol	ND		ug/kg	46000	7200
3-Methylphenol/4-Methylphenol	ND		ug/kg	67000	7200
2,4,5-Trichlorophenol	ND		ug/kg	46000	8900
Carbazole	ND		ug/kg	46000	4500
Atrazine	ND		ug/kg	37000	16000
Benzaldehyde	ND		ug/kg	61000	12000
Caprolactam	ND		ug/kg	46000	14000
2,3,4,6-Tetrachlorophenol	ND		ug/kg	46000	9400

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	125	Q	25-120
Phenol-d6	113		10-120
Nitrobenzene-d5	117		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	106		18-120



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 18:23
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 11-16 Batch: WG2061447-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 18:23
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 11-16 Batch: WG2061447-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/06/25 18:23
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 11-16 Batch: WG2061447-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		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)	92		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	100		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	38		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		10-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/25 11:35
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2061877-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	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	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/25 11:35
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2061877-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/25 11:35
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 20 Batch: WG2061877-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	69		18-120



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 05/05/25 09:34
 Analyst: SMZ
 TCLP/SPLP Extraction Date: 05/01/25 13:47

Extraction Method: EPA 3510C
 Extraction Date: 05/03/25 10:00

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 20 Batch: WG2061912-1					
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	ND		ug/l	3.5	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	92		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/05/25 10:13
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 11:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-17,19 Batch: WG2062148-1					
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: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/05/25 10:13
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/04/25 11:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-17,19 Batch: WG2062148-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	84		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/14/25 12:02
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,04,06,09 Batch: WG2065479-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	0.028	JF	ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/14/25 12:02
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,04,06,09 Batch: WG2065479-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
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Lab Number: L2524225
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Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/14/25 12:02
Analyst: CAP

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,04,06,09 Batch: WG2065479-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	106		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	106		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	105		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	108		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	117		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	108		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	114		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	112		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	111		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	95		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	92		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	97		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	100		15-130



Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059114-2 WG2059114-3								
Acenaphthene	73		67		31-137	9		50
Hexachlorobenzene	74		69		40-140	7		50
Bis(2-chloroethyl)ether	70		65		40-140	7		50
2-Chloronaphthalene	69		65		40-140	6		50
3,3'-Dichlorobenzidine	89		77		40-140	14		50
2,4-Dinitrotoluene	75		65		40-132	14		50
2,6-Dinitrotoluene	69		65		40-140	6		50
Fluoranthene	78		71		40-140	9		50
4-Chlorophenyl phenyl ether	69		62		40-140	11		50
4-Bromophenyl phenyl ether	67		66		40-140	2		50
Bis(2-chloroisopropyl)ether	63		58		40-140	8		50
Bis(2-chloroethoxy)methane	77		68		40-117	12		50
Hexachlorobutadiene	53		51		40-140	4		50
Hexachlorocyclopentadiene	19	Q	17	Q	40-140	11		50
Hexachloroethane	62		55		40-140	12		50
Isophorone	68		59		40-140	14		50
Naphthalene	73		69		40-140	6		50
Nitrobenzene	63		57		40-140	10		50
NDPA/DPA	74		68		36-157	8		50
n-Nitrosodi-n-propylamine	59		55		32-121	7		50
Bis(2-ethylhexyl)phthalate	101		91		40-140	10		50
Butyl benzyl phthalate	101		90		40-140	12		50
Di-n-butylphthalate	87		80		40-140	8		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059114-2 WG2059114-3								
Di-n-octylphthalate	103		95		40-140	8		50
Diethyl phthalate	78		71		40-140	9		50
Dimethyl phthalate	65		63		40-140	3		50
Benzo(a)anthracene	76		70		40-140	8		50
Benzo(a)pyrene	81		73		40-140	10		50
Benzo(b)fluoranthene	78		70		40-140	11		50
Benzo(k)fluoranthene	79		70		40-140	12		50
Chrysene	74		67		40-140	10		50
Acenaphthylene	79		76		40-140	4		50
Anthracene	77		69		40-140	11		50
Benzo(ghi)perylene	80		72		40-140	11		50
Fluorene	77		68		40-140	12		50
Phenanthrene	73		66		40-140	10		50
Dibenzo(a,h)anthracene	76		69		40-140	10		50
Indeno(1,2,3-cd)pyrene	77		70		40-140	10		50
Pyrene	78		70		35-142	11		50
Biphenyl	70		66		37-127	6		50
4-Chloroaniline	46		36	Q	40-140	24		50
2-Nitroaniline	95		89		47-134	7		50
3-Nitroaniline	99		85		26-129	15		50
4-Nitroaniline	104		91		41-125	13		50
Dibenzofuran	73		67		40-140	9		50
2-Methylnaphthalene	65		63		40-140	3		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059114-2 WG2059114-3								
1,2,4,5-Tetrachlorobenzene	63		60		40-117	5		50
Acetophenone	82		76		14-144	8		50
2,4,6-Trichlorophenol	65		63		30-130	3		50
p-Chloro-m-cresol	71		73		26-103	3		50
2-Chlorophenol	85		78		25-102	9		50
2,4-Dichlorophenol	80		71		30-130	12		50
2,4-Dimethylphenol	90		80		30-130	12		50
2-Nitrophenol	78		70		30-130	11		50
4-Nitrophenol	84		75		11-114	11		50
2,4-Dinitrophenol	19		17		4-130	11		50
4,6-Dinitro-o-cresol	17		15		10-130	13		50
Pentachlorophenol	73		65		17-109	12		50
Phenol	74		66		26-90	11		50
2-Methylphenol	87		76		30-130.	13		50
3-Methylphenol/4-Methylphenol	90		81		30-130	11		50
2,4,5-Trichlorophenol	72		67		30-130	7		50
Carbazole	83		74		54-128	11		50
Atrazine	79		66		40-140	18		50
Benzaldehyde	83		68		40-140	20		50
Caprolactam	70		63		15-130	11		50
2,3,4,6-Tetrachlorophenol	80		72		40-140	11		50
1,4-Dioxane	53		42		40-140	23		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2059114-2 WG2059114-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		78		25-120
Phenol-d6	81		76		10-120
Nitrobenzene-d5	67		62		23-120
2-Fluorobiphenyl	61		59		30-120
2,4,6-Tribromophenol	87		81		10-136
4-Terphenyl-d14	78		73		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,09 Batch: WG2059382-2 WG2059382-3								
1,4-Dioxane	47		53		40-140	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		79		25-120
Phenol-d6	65		73		10-120
Nitrobenzene-d5	66		73		23-120
2-Fluorobiphenyl	59		67		30-120
2,4,6-Tribromophenol	74		84		10-136
4-Terphenyl-d14	67		73		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17,19 Batch: WG2060983-2 WG2060983-3								
Bis(2-chloroethyl)ether	62		81		40-140	27		30
3,3'-Dichlorobenzidine	65		82		40-140	23		30
2,4-Dinitrotoluene	66		90		48-143	31	Q	30
2,6-Dinitrotoluene	75		95		40-140	24		30
4-Chlorophenyl phenyl ether	59		80		40-140	30		30
4-Bromophenyl phenyl ether	63		85		40-140	30		30
Bis(2-chloroisopropyl)ether	61		83		40-140	31	Q	30
Bis(2-chloroethoxy)methane	62		83		40-140	29		30
Hexachlorocyclopentadiene	16	Q	28	Q	40-140	55	Q	30
Isophorone	60		83		40-140	32	Q	30
Nitrobenzene	60		80		40-140	29		30
NDPA/DPA	67		83		40-140	21		30
n-Nitrosodi-n-propylamine	60		82		29-132	31	Q	30
Bis(2-ethylhexyl)phthalate	78		102		40-140	27		30
Butyl benzyl phthalate	78		102		40-140	27		30
Di-n-butylphthalate	76		99		40-140	26		30
Di-n-octylphthalate	83		106		40-140	24		30
Diethyl phthalate	70		92		40-140	27		30
Dimethyl phthalate	69		95		40-140	32	Q	30
Biphenyl	49		73		40-140	39	Q	30
4-Chloroaniline	57		77		40-140	30		30
2-Nitroaniline	76		104		52-143	31	Q	30
3-Nitroaniline	62		86		25-145	32	Q	30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17,19 Batch: WG2060983-2 WG2060983-3								
4-Nitroaniline	65		83		51-143	24		30
Dibenzofuran	55		76		40-140	32	Q	30
1,2,4,5-Tetrachlorobenzene	36		56		2-134	43	Q	30
Acetophenone	65		86		39-129	28		30
2,4,6-Trichlorophenol	67		95		30-130	35	Q	30
p-Chloro-m-cresol	69		95		23-97	32	Q	30
2-Chlorophenol	58		79		27-123	31	Q	30
2,4-Dichlorophenol	65		89		30-130	31	Q	30
2,4-Dimethylphenol	32		52		30-130	48	Q	30
2-Nitrophenol	65		92		30-130	34	Q	30
4-Nitrophenol	50		67		10-80	29		30
2,4-Dinitrophenol	24		32		20-130	29		30
4,6-Dinitro-o-cresol	55		79		20-164	36	Q	30
Phenol	30		41		12-110	31	Q	30
2-Methylphenol	52		72		30-130	32	Q	30
3-Methylphenol/4-Methylphenol	53		74		30-130	33	Q	30
2,4,5-Trichlorophenol	76		104		30-130	31	Q	30
Carbazole	72		92		55-144	24		30
Atrazine	69		94		40-140	31	Q	30
Benzaldehyde	62		84		40-140	30		30
Caprolactam	34		44		10-130	26		30
2,3,4,6-Tetrachlorophenol	63		87		40-140	32	Q	30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17,19 Batch: WG2060983-2 WG2060983-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		56		21-120
Phenol-d6	30		39		10-120
Nitrobenzene-d5	60		77		23-120
2-Fluorobiphenyl	51		64		15-120
2,4,6-Tribromophenol	68		83		10-120
4-Terphenyl-d14	72		89		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-17,19 Batch: WG2060984-2 WG2060984-3								
Acenaphthene	50		58		40-140	15		40
2-Chloronaphthalene	41		50		40-140	20		40
Fluoranthene	70		72		40-140	3		40
Hexachlorobutadiene	16	Q	22	Q	40-140	32		40
Naphthalene	39	Q	47		40-140	19		40
Benzo(a)anthracene	69		72		40-140	4		40
Benzo(a)pyrene	78		82		40-140	5		40
Benzo(b)fluoranthene	74		77		40-140	4		40
Benzo(k)fluoranthene	77		79		40-140	3		40
Chrysene	72		74		40-140	3		40
Acenaphthylene	57		65		40-140	13		40
Anthracene	69		72		40-140	4		40
Benzo(ghi)perylene	78		84		40-140	7		40
Fluorene	61		67		40-140	9		40
Phenanthrene	65		69		40-140	6		40
Dibenzo(a,h)anthracene	85		90		40-140	6		40
Indeno(1,2,3-cd)pyrene	85		90		40-140	6		40
Pyrene	68		71		40-140	4		40
2-Methylnaphthalene	36	Q	45		40-140	22		40
Pentachlorophenol	50		55		40-140	10		40
Hexachlorobenzene	60		64		40-140	6		40
Hexachloroethane	20	Q	27	Q	40-140	30		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-17,19 Batch: WG2060984-2 WG2060984-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		46		21-120
Phenol-d6	31		35		10-120
Nitrobenzene-d5	66		70		23-120
2-Fluorobiphenyl	49		50		15-120
2,4,6-Tribromophenol	71		71		10-120
4-Terphenyl-d14	66		69		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 11-16 Batch: WG2061305-2 WG2061305-3								
1,4-Dioxane	112		113		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	38		42		15-110

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2061403-2 WG2061403-3								
Acenaphthene	104		105		31-137	1		50
Hexachlorobenzene	95		97		40-140	2		50
Bis(2-chloroethyl)ether	103		108		40-140	5		50
2-Chloronaphthalene	97		100		40-140	3		50
3,3'-Dichlorobenzidine	100		102		40-140	2		50
2,4-Dinitrotoluene	105		108		40-132	3		50
2,6-Dinitrotoluene	96		101		40-140	5		50
Fluoranthene	103		105		40-140	2		50
4-Chlorophenyl phenyl ether	103		105		40-140	2		50
4-Bromophenyl phenyl ether	95		98		40-140	3		50
Bis(2-chloroisopropyl)ether	107		112		40-140	5		50
Bis(2-chloroethoxy)methane	106		109		40-117	3		50
Hexachlorobutadiene	100		106		40-140	6		50
Hexachlorocyclopentadiene	79		79		40-140	0		50
Hexachloroethane	115		119		40-140	3		50
Isophorone	103		109		40-140	6		50
Naphthalene	105		108		40-140	3		50
Nitrobenzene	108		110		40-140	2		50
NDPA/DPA	101		105		36-157	4		50
n-Nitrosodi-n-propylamine	106		112		32-121	6		50
Bis(2-ethylhexyl)phthalate	110		436	Q	40-140	119	Q	50
Butyl benzyl phthalate	112		116		40-140	4		50
Di-n-butylphthalate	110		115		40-140	4		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2061403-2 WG2061403-3								
Di-n-octylphthalate	115		129		40-140	11		50
Diethyl phthalate	105		108		40-140	3		50
Dimethyl phthalate	99		102		40-140	3		50
Benzo(a)anthracene	108		109		40-140	1		50
Benzo(a)pyrene	102		105		40-140	3		50
Benzo(b)fluoranthene	99		106		40-140	7		50
Benzo(k)fluoranthene	97		101		40-140	4		50
Chrysene	98		100		40-140	2		50
Acenaphthylene	102		107		40-140	5		50
Anthracene	102		106		40-140	4		50
Benzo(ghi)perylene	97		101		40-140	4		50
Fluorene	103		106		40-140	3		50
Phenanthrene	103		106		40-140	3		50
Dibenzo(a,h)anthracene	98		102		40-140	4		50
Indeno(1,2,3-cd)pyrene	100		104		40-140	4		50
Pyrene	104		104		35-142	0		50
Biphenyl	100		103		37-127	3		50
4-Chloroaniline	87		100		40-140	14		50
2-Nitroaniline	108		109		47-134	1		50
3-Nitroaniline	96		102		26-129	6		50
4-Nitroaniline	105		110		41-125	5		50
Dibenzofuran	104		106		40-140	2		50
2-Methylnaphthalene	101		102		40-140	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2061403-2 WG2061403-3								
1,2,4,5-Tetrachlorobenzene	99		103		40-117	4		50
Acetophenone	99		106		14-144	7		50
2,4,6-Trichlorophenol	103		106		30-130	3		50
p-Chloro-m-cresol	104	Q	111	Q	26-103	7		50
2-Chlorophenol	103	Q	108	Q	25-102	5		50
2,4-Dichlorophenol	96		100		30-130	4		50
2,4-Dimethylphenol	105		105		30-130	0		50
2-Nitrophenol	108		110		30-130	2		50
4-Nitrophenol	132	Q	128	Q	11-114	3		50
2,4-Dinitrophenol	90		94		4-130	4		50
4,6-Dinitro-o-cresol	99		95		10-130	4		50
Pentachlorophenol	66		73		17-109	10		50
Phenol	104	Q	108	Q	26-90	4		50
2-Methylphenol	105		113		30-130.	7		50
3-Methylphenol/4-Methylphenol	103		106		30-130	3		50
2,4,5-Trichlorophenol	94		101		30-130	7		50
Carbazole	102		105		54-128	3		50
Atrazine	109		103		40-140	6		50
Benzaldehyde	93		98		40-140	5		50
Caprolactam	115		114		15-130	1		50
2,3,4,6-Tetrachlorophenol	99		100		40-140	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21 Batch: WG2061403-2 WG2061403-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	113		115		25-120
Phenol-d6	110		109		10-120
Nitrobenzene-d5	108		106		23-120
2-Fluorobiphenyl	98		92		30-120
2,4,6-Tribromophenol	92		84		10-136
4-Terphenyl-d14	99		96		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 11-16 Batch: WG2061447-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	96		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	96		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	92		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	100		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	89		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	106		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	83		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	96		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	95		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	104		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	90		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	85		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	108		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	86		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	118		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	87		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	89		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		70-145	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 11-16 Batch: WG2061447-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	98		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	90		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	102		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	99		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	94		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	88		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUs)	97		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	89		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	113		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	87		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	95		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	93		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	95		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	95		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	96		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	103		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	90		-		50-145	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 11-16 Batch: WG2061447-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				40-130
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)	71				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	75				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	63				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	65				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	48				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	41				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	44				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74				10-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 11-16 Batch: WG2061447-3								
Perfluorobutanoic Acid (PFBA)	109		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	115		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	109		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	103		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	113		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	110		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	98		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	118		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	113		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	109		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	111		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	119		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	109		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	110		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		70-145	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 11-16 Batch: WG2061447-3								
Perfluorododecanoic Acid (PFDoA)	113		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	100		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	118		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	122		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	99		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	116		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUDS)	110		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	114		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	106		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	105		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	109		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	115		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	115		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	112		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	116		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	112		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	87		-		50-145	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 11-16 Batch: WG2061447-3								

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84				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)	73				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	57				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	67				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85				10-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2061877-2 WG2061877-3								
Acenaphthene	69		70		31-137	1		50
Hexachlorobenzene	65		67		40-140	3		50
Bis(2-chloroethyl)ether	75		74		40-140	1		50
2-Chloronaphthalene	72		71		40-140	1		50
3,3'-Dichlorobenzidine	62		61		40-140	2		50
2,4-Dinitrotoluene	78		80		40-132	3		50
2,6-Dinitrotoluene	73		73		40-140	0		50
Fluoranthene	74		76		40-140	3		50
4-Chlorophenyl phenyl ether	70		72		40-140	3		50
4-Bromophenyl phenyl ether	70		72		40-140	3		50
Bis(2-chloroisopropyl)ether	79		77		40-140	3		50
Bis(2-chloroethoxy)methane	78		75		40-117	4		50
Hexachlorobutadiene	71		72		40-140	1		50
Hexachlorocyclopentadiene	76		74		40-140	3		50
Hexachloroethane	79		77		40-140	3		50
Isophorone	77		75		40-140	3		50
Naphthalene	73		73		40-140	0		50
Nitrobenzene	80		78		40-140	3		50
NDPA/DPA	72		73		36-157	1		50
n-Nitrosodi-n-propylamine	80		77		32-121	4		50
Bis(2-ethylhexyl)phthalate	79		81		40-140	3		50
Butyl benzyl phthalate	87		89		40-140	2		50
Di-n-butylphthalate	82		84		40-140	2		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2061877-2 WG2061877-3								
Di-n-octylphthalate	86		89		40-140	3		50
Diethyl phthalate	73		75		40-140	3		50
Dimethyl phthalate	71		71		40-140	0		50
Benzo(a)anthracene	73		74		40-140	1		50
Benzo(a)pyrene	72		74		40-140	3		50
Benzo(b)fluoranthene	70		71		40-140	1		50
Benzo(k)fluoranthene	70		73		40-140	4		50
Chrysene	68		69		40-140	1		50
Acenaphthylene	74		73		40-140	1		50
Anthracene	73		75		40-140	3		50
Benzo(ghi)perylene	70		72		40-140	3		50
Fluorene	73		73		40-140	0		50
Phenanthrene	71		72		40-140	1		50
Dibenzo(a,h)anthracene	72		75		40-140	4		50
Indeno(1,2,3-cd)pyrene	74		77		40-140	4		50
Pyrene	73		75		35-142	3		50
Biphenyl	72		71		37-127	1		50
4-Chloroaniline	63		62		40-140	2		50
2-Nitroaniline	82		80		47-134	2		50
3-Nitroaniline	64		62		26-129	3		50
4-Nitroaniline	71		71		41-125	0		50
Dibenzofuran	70		72		40-140	3		50
2-Methylnaphthalene	72		71		40-140	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2061877-2 WG2061877-3								
1,2,4,5-Tetrachlorobenzene	74		73		40-117	1		50
Acetophenone	77		75		14-144	3		50
2,4,6-Trichlorophenol	75		74		30-130	1		50
p-Chloro-m-cresol	78		79		26-103	1		50
2-Chlorophenol	78		76		25-102	3		50
2,4-Dichlorophenol	74		72		30-130	3		50
2,4-Dimethylphenol	80		78		30-130	3		50
2-Nitrophenol	83		82		30-130	1		50
4-Nitrophenol	99		99		11-114	0		50
2,4-Dinitrophenol	71		73		4-130	3		50
4,6-Dinitro-o-cresol	79		81		10-130	3		50
Pentachlorophenol	65		67		17-109	3		50
Phenol	78		77		26-90	1		50
2-Methylphenol	79		78		30-130.	1		50
3-Methylphenol/4-Methylphenol	79		77		30-130	3		50
2,4,5-Trichlorophenol	72		71		30-130	1		50
Carbazole	73		76		54-128	4		50
Atrazine	70		70		40-140	0		50
Benzaldehyde	66		62		40-140	6		50
Caprolactam	82		82		15-130	0		50
2,3,4,6-Tetrachlorophenol	72		71		40-140	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 20 Batch: WG2061877-2 WG2061877-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		78		25-120
Phenol-d6	78		75		10-120
Nitrobenzene-d5	76		74		23-120
2-Fluorobiphenyl	64		64		30-120
2,4,6-Tribromophenol	64		63		10-136
4-Terphenyl-d14	67		68		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 20 Batch: WG2061912-2 WG2061912-3								
Hexachlorobenzene	78		87		40-140	11		30
2,4-Dinitrotoluene	77		90		48-143	16		30
Hexachlorobutadiene	64		64		40-140	0		30
Hexachloroethane	50		46		40-140	8		30
Nitrobenzene	73		81		40-140	10		30
2,4,6-Trichlorophenol	85		91		30-130	7		30
Pentachlorophenol	52		55		9-103	6		30
2-Methylphenol	72		78		30-130	8		30
3-Methylphenol/4-Methylphenol	70		80		30-130	13		30
2,4,5-Trichlorophenol	87		103		30-130	17		30
Pyridine	51		65		10-66	24		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		62		21-120
Phenol-d6	47		47		10-120
Nitrobenzene-d5	75		84		23-120
2-Fluorobiphenyl	78		85		15-120
2,4,6-Tribromophenol	80		89		10-120
4-Terphenyl-d14	83		92		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-17,19 Batch: WG2062148-2 WG2062148-3								
Acenaphthene	73		80		40-140	9		40
2-Chloronaphthalene	63		69		40-140	9		40
Fluoranthene	82		89		40-140	8		40
Hexachlorobutadiene	40		44		40-140	10		40
Naphthalene	60		65		40-140	8		40
Benzo(a)anthracene	87		96		40-140	10		40
Benzo(a)pyrene	94		104		40-140	10		40
Benzo(b)fluoranthene	91		100		40-140	9		40
Benzo(k)fluoranthene	87		97		40-140	11		40
Chrysene	80		88		40-140	10		40
Acenaphthylene	76		82		40-140	8		40
Anthracene	82		88		40-140	7		40
Benzo(ghi)perylene	94		103		40-140	9		40
Fluorene	80		87		40-140	8		40
Phenanthrene	78		86		40-140	10		40
Dibenzo(a,h)anthracene	94		103		40-140	9		40
Indeno(1,2,3-cd)pyrene	94		106		40-140	12		40
Pyrene	80		88		40-140	10		40
2-Methylnaphthalene	57		62		40-140	8		40
Pentachlorophenol	94		102		40-140	8		40
Hexachlorobenzene	73		81		40-140	10		40
Hexachloroethane	49		54		40-140	10		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-17,19 Batch: WG2062148-2 WG2062148-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		69		21-120
Phenol-d6	52		54		10-120
Nitrobenzene-d5	80		87		23-120
2-Fluorobiphenyl	59		65		15-120
2,4,6-Tribromophenol	92		102		10-120
4-Terphenyl-d14	80		88		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 01,04,06,09 Batch: WG2065479-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	98		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	98		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	93		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	102		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	91		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	96		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	98		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	100		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	99		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	101		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	97		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	94		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	89		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	99		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		-		65-165	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 01,04,06,09 Batch: WG2065479-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	100		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	95		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	100		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	113		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	107		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	105		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUs)	104		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	110		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	99		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	99		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	85		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	94		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	108		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	86		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	102		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	99		-		60-150	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	<i>Low Level LCS %Recovery</i>	<i>Qual</i>	<i>Low Level LCSD %Recovery</i>	<i>Qual</i>	<i>%Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,06,09 Batch: WG2065479-2 LOW LEVEL								

<i>Surrogate</i>	<i>LCS %Recovery</i>	<i>Qual</i>	<i>LCSD %Recovery</i>	<i>Qual</i>	<i>Acceptance Criteria</i>
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	122				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	136	Q			35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	113				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	109				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	126				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	126				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	112				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	119				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	110				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	126				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	109				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	136	Q			40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	109				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	105				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	138	Q			40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	120				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	107				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	139	Q			40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	135	Q			20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	136	Q			40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	106				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	111				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	116				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	117				15-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,06,09 Batch: WG2065479-3								
Perfluorobutanoic Acid (PFBA)	105		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	108		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	104		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	109		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	104		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	95		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	100		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	99		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	100		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	99		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	107		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	102		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	106		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	122		-		65-165	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,06,09 Batch: WG2065479-3								
Perfluorododecanoic Acid (PFDoA)	110		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	116		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	109		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	103		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	121		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	107		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	109		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUs)	109		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	103		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	112		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	98		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	100		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	112		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	90		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	117		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	98		-		60-150	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,04,06,09 Batch: WG2065479-3								

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	120				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	123				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	123				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	115				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	109				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	116				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	118				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	122				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	126				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	121				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	134	Q			40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	116				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	117				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	137	Q			40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	122				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	128				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	120				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	123				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	118				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	115				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	115				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	119				15-130

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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): 01-05 QC Batch ID: WG2059114-4 WG2059114-5 QC Sample: L2524225-05 Client ID: SOIL-101_4-5												
Acenaphthene	ND	1550	1300	84		1600	100		31-137	21		50
Hexachlorobenzene	ND	1550	1300	84		1600	100		40-140	21		50
Bis(2-chloroethyl)ether	ND	1550	1200	77		1500	95		40-140	22		50
2-Chloronaphthalene	ND	1550	1300	84		1700	110		40-140	27		50
3,3'-Dichlorobenzidine	ND	1550	1100	71		1600	100		40-140	37		50
2,4-Dinitrotoluene	ND	1550	500	32	Q	870	55		40-132	54	Q	50
2,6-Dinitrotoluene	ND	1550	600	39	Q	950	60		40-140	45		50
Fluoranthene	ND	1550	1300	84		1700	110		40-140	27		50
4-Chlorophenyl phenyl ether	ND	1550	1300	84		1700	110		40-140	27		50
4-Bromophenyl phenyl ether	ND	1550	1300	84		1700	110		40-140	27		50
Bis(2-chloroisopropyl)ether	ND	1550	1200	77		1500	95		40-140	22		50
Bis(2-chloroethoxy)methane	ND	1550	1200	77		1500	95		40-117	22		50
Hexachlorobutadiene	ND	1550	1400	90		1800	110		40-140	25		50
Hexachlorocyclopentadiene	ND	1550	ND	0	Q	ND	0	Q	40-140	NC		50
Hexachloroethane	ND	1550	630	41		950	60		40-140	41		50
Isophorone	ND	1550	1300	84		1500	95		40-140	14		50
Naphthalene	ND	1550	1300	84		1600	100		40-140	21		50
Nitrobenzene	ND	1550	1200	77		1500	95		40-140	22		50
NDPA/DPA	ND	1550	1300	84		1600	100		36-157	21		50
n-Nitrosodi-n-propylamine	ND	1550	1300	84		1600	100		32-121	21		50
Bis(2-ethylhexyl)phthalate	ND	1550	1200	77		1700	110		40-140	34		50
Butyl benzyl phthalate	ND	1550	1300	84		1800	110		40-140	32		50
Di-n-butylphthalate	ND	1550	1400	90		1800	110		40-140	25		50

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 01-05 QC Batch ID: WG2059114-4 WG2059114-5 QC Sample: L2524225-05 Client ID: SOIL-101_4-5												
Di-n-octylphthalate	ND	1550	1400	90		1800	110		40-140	25		50
Diethyl phthalate	ND	1550	1300	84		1600	100		40-140	21		50
Dimethyl phthalate	ND	1550	1400	90		1600	100		40-140	13		50
Benzo(a)anthracene	ND	1550	1100	71		1600	100		40-140	37		50
Benzo(a)pyrene	ND	1550	1100	71		1600	100		40-140	37		50
Benzo(b)fluoranthene	ND	1550	1100	71		1600	100		40-140	37		50
Benzo(k)fluoranthene	ND	1550	1100	71		1600	100		40-140	37		50
Chrysene	ND	1550	1100	71		1500	95		40-140	31		50
Acenaphthylene	ND	1550	1400	90		1700	110		40-140	19		50
Anthracene	ND	1550	1300	84		1700	110		40-140	27		50
Benzo(ghi)perylene	ND	1550	880	57		1500	95		40-140	52	Q	50
Fluorene	ND	1550	1300	84		1700	110		40-140	27		50
Phenanthrene	ND	1550	1300	84		1600	100		40-140	21		50
Dibenzo(a,h)anthracene	ND	1550	990	64		1700	110		40-140	53	Q	50
Indeno(1,2,3-cd)pyrene	ND	1550	1000	64		1700	110		40-140	52	Q	50
Pyrene	ND	1550	1200	77		1600	100		35-142	29		50
Biphenyl	ND	1550	1400	90		1700	110		37-127	19		50
4-Chloroaniline	ND	1550	860	55		940	60		40-140	9		50
2-Nitroaniline	ND	1550	1500	97		1700	110		47-134	13		50
3-Nitroaniline	ND	1550	1300	84		1600	100		26-129	21		50
4-Nitroaniline	ND	1550	1400	90		1700	110		41-125	19		50
Dibenzofuran	ND	1550	1300	84		1700	110		40-140	27		50
2-Methylnaphthalene	ND	1550	1400	90		1700	110		40-140	19		50

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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): 01-05 QC Batch ID: WG2059114-4 WG2059114-5 QC Sample: L2524225-05 Client ID: SOIL-101_4-5												
1,2,4,5-Tetrachlorobenzene	ND	1550	1400	90		1700	110		40-117	19		50
Acetophenone	ND	1550	1300	84		1600	100		14-144	21		50
2,4,6-Trichlorophenol	ND	1550	1500	97		1900	120		30-130	24		50
p-Chloro-m-cresol	ND	1550	1500	97		1800	110	Q	26-103	18		50
2-Chlorophenol	ND	1550	1300	84		1700	110	Q	25-102	27		50
2,4-Dichlorophenol	ND	1550	1400	90		1700	110		30-130	19		50
2,4-Dimethylphenol	ND	1550	1400	90		1700	110		30-130	19		50
2-Nitrophenol	ND	1550	280J	18	Q	580	37		30-130	70	Q	50
4-Nitrophenol	ND	1550	850	55		1100	70		11-114	26		50
2,4-Dinitrophenol	ND	1550	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1550	ND	0	Q	ND	0	Q	10-130	NC		50
Pentachlorophenol	ND	1550	1100	71		1500	95		17-109	31		50
Phenol	ND	1550	1300	84		1600	100	Q	26-90	21		50
2-Methylphenol	ND	1550	1400	90		1600	100		30-130.	13		50
3-Methylphenol/4-Methylphenol	ND	1550	1400	90		1600	100		30-130	13		50
2,4,5-Trichlorophenol	ND	1550	1500	97		1800	110		30-130	18		50
Carbazole	ND	1550	1300	84		1700	110		54-128	27		50
Atrazine	ND	1550	1200	77		1700	110		40-140	34		50
Benzaldehyde	ND	1550	1100	71		1400	89		40-140	24		50
Caprolactam	ND	1550	1200	77		1500	95		15-130	22		50
2,3,4,6-Tetrachlorophenol	ND	1550	1400	90		1800	110		40-140	25		50
1,4-Dioxane	ND	1550	780	50		1100	70		40-140	34		50

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 01-05 QC Batch ID: WG2059114-4 WG2059114-5 QC Sample: L2524225-05
 Client ID: SOIL-101_4-5

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	80		108		10-136
2-Fluorobiphenyl	84		102		30-120
2-Fluorophenol	86		107		25-120
4-Terphenyl-d14	78		103		18-120
Nitrobenzene-d5	73		89		23-120
Phenol-d6	83		101		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Project Number: 086328

Lab Number: L2524225

Report Date: 05/15/25

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 13 Client ID: MW-102-20250424 Associated sample(s): 11-17,19 QC Batch ID: WG2060983-4 WG2060983-5 QC Sample: L2524225-												
Bis(2-chloroethyl)ether	ND	20	15	75		15	75		40-140	0		30
3,3'-Dichlorobenzidine	ND	20	14	70		14	70		40-140	0		30
2,4-Dinitrotoluene	ND	20	18	90		20	100		48-143	11		30
2,6-Dinitrotoluene	ND	20	18	90		20	100		40-140	11		30
4-Chlorophenyl phenyl ether	ND	20	15	75		16	80		40-140	6		30
4-Bromophenyl phenyl ether	ND	20	16	80		16	80		40-140	0		30
Bis(2-chloroisopropyl)ether	ND	20	12	60		13	65		40-140	8		30
Bis(2-chloroethoxy)methane	ND	20	14	70		14	70		40-140	0		30
Hexachlorocyclopentadiene	ND	20	5.5J	28	Q	5.7J	29	Q	40-140	4		30
Isophorone	ND	20	15	75		15	75		40-140	0		30
Nitrobenzene	ND	20	17	85		17	85		40-140	0		30
NDPA/DPA	ND	20	16	80		18	90		40-140	12		30
n-Nitrosodi-n-propylamine	ND	20	16	80		16	80		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	20	17	85		17	85		40-140	0		30
Butyl benzyl phthalate	ND	20	18	90		19	95		40-140	5		30
Di-n-butylphthalate	ND	20	17	85		18	90		40-140	6		30
Di-n-octylphthalate	ND	20	17	85		17	85		40-140	0		30
Diethyl phthalate	ND	20	18	90		19	95		40-140	5		30
Dimethyl phthalate	ND	20	17	85		17	85		40-140	0		30
Biphenyl	ND	20	14	70		13	65		40-140	7		30
4-Chloroaniline	ND	20	13	65		13	65		40-140	0		30
2-Nitroaniline	ND	20	19	95		20	100		52-143	5		30
3-Nitroaniline	ND	20	18	90		19	95		25-145	5		30

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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 13 Client ID: MW-102-20250424 Associated sample(s): 11-17,19 QC Batch ID: WG2060983-4 WG2060983-5 QC Sample: L2524225-												
4-Nitroaniline	ND	20	19	95		20	100		51-143	5		30
Dibenzofuran	ND	20	14	70		15	75		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	20	11	55		10	50		2-134	10		30
Acetophenone	ND	20	16	80		17	85		39-129	6		30
2,4,6-Trichlorophenol	ND	20	15	75		16	80		30-130	6		30
p-Chloro-m-cresol	ND	20	14	70		14	70		23-97	0		30
2-Chlorophenol	ND	20	14	70		15	75		27-123	7		30
2,4-Dichlorophenol	ND	20	14	70		16	80		30-130	13		30
2,4-Dimethylphenol	ND	20	9.1	46		12	60		30-130	27		30
2-Nitrophenol	ND	20	17	85		18	90		30-130	6		30
4-Nitrophenol	ND	20	12	60		12	60		10-80	0		30
2,4-Dinitrophenol	ND	20	14.J	70		14.J	70		20-130	0		30
4,6-Dinitro-o-cresol	ND	20	19	95		19	95		20-164	0		30
Phenol	ND	20	7.4	37		7.9	40		12-110	7		30
2-Methylphenol	ND	20	9.8	49		11	55		30-130	12		30
3-Methylphenol/4-Methylphenol	ND	20	13	65		14	70		30-130	7		30
2,4,5-Trichlorophenol	ND	20	17	85		18	90		30-130	6		30
Carbazole	ND	20	18	90		18	90		55-144	0		30
Atrazine	ND	20	20	100		21	110		40-140	5		30
Benzaldehyde	ND	20	15	75		15	75		40-140	0		30
Caprolactam	ND	20	6.0J	30		6.4J	32		10-130	6		30
2,3,4,6-Tetrachlorophenol	ND	20	17	85		18	90		40-140	6		30

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17,19 QC Batch ID: WG2060983-4 WG2060983-5 QC Sample: L2524225-13 Client ID: MW-102-20250424

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
2,4,6-Tribromophenol	73		83		10-120
2-Fluorobiphenyl	61		62		15-120
2-Fluorophenol	46		49		21-120
4-Terphenyl-d14	82		87		41-149
Nitrobenzene-d5	80		86		23-120
Phenol-d6	34		36		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Project Number: 086328

Lab Number: L2524225

Report Date: 05/15/25

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): 11-17,19 QC Batch ID: WG2060984-4 WG2060984-5 QC Sample: L2524225-13 Client ID: MW-102-20250424												
Acenaphthene	ND	20	12	60		12	60		40-140	0		40
2-Chloronaphthalene	ND	20	10	50		10	50		40-140	0		40
Fluoranthene	ND	20	14	70		15	75		40-140	7		40
Hexachlorobutadiene	ND	20	3.2	16	Q	5.0	25	Q	40-140	44	Q	40
Naphthalene	ND	20	8.7	44		9.4	47		40-140	8		40
Benzo(a)anthracene	ND	20	14	70		15	75		40-140	7		40
Benzo(a)pyrene	ND	20	16	80		17	85		40-140	6		40
Benzo(b)fluoranthene	ND	20	15	75		16	80		40-140	6		40
Benzo(k)fluoranthene	ND	20	16	80		17	85		40-140	6		40
Chrysene	ND	20	14	70		15	75		40-140	7		40
Acenaphthylene	ND	20	13	65		13	65		40-140	0		40
Anthracene	ND	20	14	70		15	75		40-140	7		40
Benzo(ghi)perylene	ND	20	17	85		17	85		40-140	0		40
Fluorene	ND	20	13	65		14	70		40-140	7		40
Phenanthrene	ND	20	13	65		14	70		40-140	7		40
Dibenzo(a,h)anthracene	ND	20	18	90		19	95		40-140	5		40
Indeno(1,2,3-cd)pyrene	ND	20	18	90		19	95		40-140	5		40
Pyrene	ND	20	14	70		15	75		40-140	7		40
2-Methylnaphthalene	ND	20	8.7	44		9.1	46		40-140	4		40
Pentachlorophenol	ND	20	12	60		14	70		40-140	15		40
Hexachlorobenzene	ND	20	12	60		13	65		40-140	8		40
Hexachloroethane	ND	20	4.1	21	Q	6.0	30	Q	40-140	38		40

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 11-17,19 QC Batch ID: WG2060984-4 WG2060984-5 QC Sample: L2524225-13 Client ID: MW-102-20250424												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	72		78		10-120
2-Fluorobiphenyl	52		53		15-120
2-Fluorophenol	44		46		21-120
4-Terphenyl-d14	67		71		41-149
Nitrobenzene-d5	69		73		23-120
Phenol-d6	34		36		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): 11-16 QC Batch ID: WG2061305-4 WG2061305-5 QC Sample: L2524225-13 Client ID: MW-102-20250424												
1,4-Dioxane	ND	4900	5560	113		5460	114		40-140	2		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		39		15-110

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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): 11-16 QC Batch ID: WG2061447-4 WG2061447-5 QC Sample: L2524225-13 Client ID: MW-102-20250424												
Perfluorobutanoic Acid (PFBA)	4.93J	74.7	82.5	104		79.7	103		70-140	3		30
Perfluoropentanoic Acid (PFPeA)	4.24	37.3	43.8	106		42.3	105		65-135	3		30
Perfluorobutanesulfonic Acid (PFBS)	1.23J	16.6	18.6	105		16.3	94		60-145	13		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	70	77.4	111		82.3	121		70-145	6		30
Perfluorohexanoic Acid (PFHxA)	2.86	18.7	22.0	103		22.6	109		70-145	3		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	17.5	21.3	121		20.4	120		65-140	4		30
Perfluoroheptanoic Acid (PFHpA)	1.42	18.7	20.8	104		20.6	106		70-150	1		30
Perfluorohexanesulfonic Acid (PFHxS)	1.23J	17.1	20.7	114		19.8	112		65-145	4		30
Perfluorooctanoic Acid (PFOA)	3.88	18.7	23.0	102		20.5	92		70-150	11		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	71	83.7	118		72.1	105		65-155	15		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	17.8	20.6	116		17.8	103		70-150	15		30
Perfluorononanoic Acid (PFNA)	0.884J	18.7	19.5	100		19.5	103		70-150	0		30
Perfluorooctanesulfonic Acid (PFOS)	0.940J	17.3	19.1	105		17.3	97		55-150	10		30
Perfluorodecanoic Acid (PFDA)	ND	18.7	19.7	106		19.5	108		70-140	1		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	71.7	85.6	119		81.0	116		60-150	6		30
Perfluorononanesulfonic Acid (PFNS)	ND	18	19.4	108		16.4	94		65-145	17		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	18.7	21.1	113		19.0	105		50-140	10		30
Perfluoroundecanoic Acid (PFUnA)	ND	18.7	20.1	108		19.0	105		70-145	6		30
Perfluorodecanesulfonic Acid (PFDS)	ND	18	16.9	94		14.7	84		60-145	14		30

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 11-16 QC Batch ID: WG2061447-4 WG2061447-5 QC Sample: L2524225-13 Client ID: MW-102-20250424												
Perfluorooctanesulfonamide (PFOSA)	ND	18.7	19.5	104		18.8	104		70-145	4		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	18.7	20.9	112		20.0	110		70-145	4		30
Perfluorododecanoic Acid (PFDoA)	ND	18.7	20.4	109		19.8	109		70-140	3		30
Perfluorotridecanoic Acid (PFTrDA)	ND	18.7	17.2	92		15.9	88		65-140	8		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	18.7	20.6	110		18.2	100		60-140	12		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	74.7	82.0	110		87.7	121		70-140	7		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	70.6	85.3	121		79.7	116		65-145	7		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	18.1	17.7	98		15.1	86		50-145	16		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	69.7	79.4	114		73.8	109		70-155	7		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	70.4	67.0	95		59.9	88		55-160	11		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	18.7	21.4	115		17.8	98		60-150	18		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	18.7	19.8	106		17.6	97		65-145	12		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	187	194	104		178	98		70-145	9		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	187	192	103		178	98		70-135	8		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	37.3	41.1	110		41.0	113		55-140	0		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	37.3	41.5	111		39.0	108		60-150	6		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	ND	33.3	35.3	106		36.2	112		70-140	3		30
Nonafluoro-3,6-Dioxaheptanoic	ND	37.3	41.5	111		40.5	112		50-150	2		30

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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): 11-16 QC Batch ID: WG2061447-4 WG2061447-5 QC Sample: L2524225-13 Client ID: MW-102-20250424												
Acid (NFDHA)												
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	93.3	104	111		101	111		65-130	3		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	467	495	106		522	115		70-135	5		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	467	477	102		470	104		50-145	1		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		84		40-300
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	128		129		40-200
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99		115		40-200
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		83		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		68		25-135
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90		88		10-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70		73		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	86		93		40-170
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78		80		10-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		91		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		83		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		96		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	101		97		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		82		30-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93		99		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		101		40-130

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 11-16 QC Batch ID: WG2061447-4 WG2061447-5 QC Sample: L2524225-13 Client ID: MW-102-20250424												

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		104		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		80		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		72		10-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97		104		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	100		103		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		101		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		105		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	98		93		40-130

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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): 11-17,19 QC Batch ID: WG2062148-4 WG2062148-5 QC Sample: L2524225-13 Client ID: MW-102-20250424												
Acenaphthene	0.23	20	11	54		16	79		40-140	37		40
2-Chloronaphthalene	0.16J	20	10	50		14	70		40-140	33		40
Fluoranthene	0.76	20	13	61		18	86		40-140	32		40
Hexachlorobutadiene	0.05J	20	5.2	26	Q	9.3	47		40-140	57	Q	40
Naphthalene	0.26	20	8.9	43		13	64		40-140	37		40
Benzo(a)anthracene	0.36	20	13	63		18	88		40-140	32		40
Benzo(a)pyrene	0.29	20	14	69		20	99		40-140	35		40
Benzo(b)fluoranthene	0.30	20	13	64		19	94		40-140	38		40
Benzo(k)fluoranthene	0.20	20	13	64		19	94		40-140	38		40
Chrysene	0.34	20	12	58		17	83		40-140	34		40
Acenaphthylene	0.13	20	12	59		17	84		40-140	34		40
Anthracene	0.32	20	12	58		17	83		40-140	34		40
Benzo(ghi)perylene	0.16	20	13	64		19	94		40-140	38		40
Fluorene	0.25	20	12	59		17	84		40-140	34		40
Phenanthrene	1.2	20	12	54		17	79		40-140	34		40
Dibenzo(a,h)anthracene	0.11	20	13	64		19	94		40-140	38		40
Indeno(1,2,3-cd)pyrene	0.18	20	14	69		20	99		40-140	35		40
Pyrene	0.63	20	13	62		17	82		40-140	27		40
2-Methylnaphthalene	0.20	20	9.0	44		13	64		40-140	36		40
Pentachlorophenol	ND	20	14	70		21	110		40-140	40		40
Hexachlorobenzene	0.08J	20	11	55		16	80		40-140	37		40
Hexachloroethane	ND	20	5.9	30	Q	11	55		40-140	60	Q	40

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 11-17,19 QC Batch ID: WG2062148-4 WG2062148-5 QC Sample: L2524225-13 Client ID: MW-102-20250424

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	69		100		10-120
2-Fluorobiphenyl	47		66		15-120
2-Fluorophenol	48		69		21-120
4-Terphenyl-d14	67		89		41-149
Nitrobenzene-d5	64		88		23-120
Phenol-d6	34		52		10-120

PCBS

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 16:37
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 16:47
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	72		30-150	B



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 16:56
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	76		30-150	B



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 17:24
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	76		30-150	B



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 15:24
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	68		30-150	B



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 15:34
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 15:44
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	0.120		ug/l	0.071	0.015	1	B
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	0.120		ug/l	0.071	0.013	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/25 09:41
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 01:02
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.2	4.99	1	A
Aroclor 1221	ND		ug/kg	56.2	5.63	1	A
Aroclor 1232	ND		ug/kg	56.2	11.9	1	A
Aroclor 1242	ND		ug/kg	56.2	7.58	1	A
Aroclor 1248	ND		ug/kg	56.2	8.43	1	A
Aroclor 1254	ND		ug/kg	56.2	6.15	1	A
Aroclor 1260	ND		ug/kg	56.2	10.4	1	A
Aroclor 1262	ND		ug/kg	56.2	7.14	1	A
Aroclor 1268	ND		ug/kg	56.2	5.82	1	A
PCBs, Total	ND		ug/kg	56.2	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	134		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	138		30-150	B



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/03/25 09:18
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 05/03/25 00:37
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/03/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 20 Batch: WG2061865-1						
Aroclor 1016	ND		ug/kg	46.9	4.16	A
Aroclor 1221	ND		ug/kg	46.9	4.70	A
Aroclor 1232	ND		ug/kg	46.9	9.94	A
Aroclor 1242	ND		ug/kg	46.9	6.32	A
Aroclor 1248	ND		ug/kg	46.9	7.04	A
Aroclor 1254	ND		ug/kg	46.9	5.13	A
Aroclor 1260	ND		ug/kg	46.9	8.67	A
Aroclor 1262	ND		ug/kg	46.9	5.96	A
Aroclor 1268	ND		ug/kg	46.9	4.86	A
PCBs, Total	ND		ug/kg	46.9	4.16	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/04/25 15:13
 Analyst: SDC

Extraction Method: EPA 3510C
 Extraction Date: 05/03/25 11:37
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/03/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11-16,19 Batch: WG2061967-1						
Aroclor 1016	ND		ug/l	0.071	0.013	A
Aroclor 1221	ND		ug/l	0.071	0.015	A
Aroclor 1232	ND		ug/l	0.071	0.015	A
Aroclor 1242	ND		ug/l	0.071	0.015	A
Aroclor 1248	ND		ug/l	0.071	0.015	A
Aroclor 1254	ND		ug/l	0.071	0.015	A
Aroclor 1260	ND		ug/l	0.071	0.015	A
Aroclor 1262	ND		ug/l	0.071	0.015	A
Aroclor 1268	ND		ug/l	0.071	0.015	A
PCBs, Total	ND		ug/l	0.071	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	70		30-150	B



Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 20 Batch: WG2061865-2 WG2061865-3									
Aroclor 1016	118		119		40-140	1		50	A
Aroclor 1260	121		122		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	A
Decachlorobiphenyl	118		122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	B
Decachlorobiphenyl	121		122		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11-16,19 Batch: WG2061967-2 WG2061967-3									
Aroclor 1016	69		71		40-140	3		50	A
Aroclor 1260	74		71		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		66		30-150	A
Decachlorobiphenyl	69		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		70		30-150	B
Decachlorobiphenyl	72		74		30-150	B

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Polychlorinated Biphenyls by GC - Westborough Lab 13 Client ID: MW-102-20250424 Associated sample(s): 11-16,19 QC Batch ID: WG2061967-4 WG2061967-5 QC Sample: L2524225-													
Aroclor 1016	ND	2.5	1.87	75		1.78	71		40-140	5		50	A
Aroclor 1260	ND	2.5	2.03	81		1.82	73		40-140	11		50	A

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	74		71		30-150	A
Decachlorobiphenyl	74		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		76		30-150	B
Decachlorobiphenyl	79		73		30-150	B

PESTICIDES

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
 Client ID: SOIL-WC-1
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/04/25 14:38
 Analyst: AKM
 Percent Solids: 84%
 TCLP/SPLP Ext. Date: 05/01/25 22:30

Extraction Method: EPA 3510C
 Extraction Date: 05/04/25 00:47

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	0.094	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	94		30-150	B
Decachlorobiphenyl	86		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/04/25 17:12
Analyst: EJJ
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/01/25 22:30
Methylation Date: 05/04/25 09:30

Extraction Method: EPA 8151A
Extraction Date: 05/03/25 16:25

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	36		30-150	A
DCAA	39		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 05/04/25 16:17
 Analyst: EJJ
 TCLP/SPLP Extraction Date: 05/01/25 13:47
 Methylation Date: 05/04/25 09:30

Extraction Method: EPA 8151A
 Extraction Date: 05/03/25 16:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 20 Batch: WG2062023-1						
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	35		30-150	A
DCAA	38		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/04/25 14:04
 Analyst: AKM
 TCLP/SPLP Extraction Date: 05/01/25 13:47

Extraction Method: EPA 3510C
 Extraction Date: 05/04/25 00:47

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 20 Batch: WG2062067-1						
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	0.094	A
Chlordane	ND		ug/l	1.00	0.098	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	79		30-150	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 20 Batch: WG2062023-2 WG2062023-3									
2,4-D	105		107		30-150	2		25	A
2,4,5-TP (Silvex)	51		53		30-150	4		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	54		58		30-150	A
DCAA	50		52		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 20 Batch: WG2062067-2 WG2062067-3									
Lindane	103		100		30-150	3		20	A
Heptachlor	97		95		30-150	3		20	A
Heptachlor epoxide	95		93		30-150	3		20	A
Endrin	102		100		30-150	2		20	A
Methoxychlor	94		93		30-150	1		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		87		30-150	B
Decachlorobiphenyl	85		82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		83		30-150	A
Decachlorobiphenyl	80		79		30-150	A

METALS

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-01

Date Collected: 04/18/25 09:00

Client ID: SOIL-102_1-2

Date Received: 04/18/25

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	1440		mg/kg	79.7	25.9	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	39.8	30.7	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Arsenic, Total	ND		mg/kg	7.97	3.44	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Barium, Total	36.7		mg/kg	7.97	0.845	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Beryllium, Total	ND		mg/kg	3.98	0.438	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	7.97	0.438	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Calcium, Total	271000		mg/kg	79.7	45.2	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Chromium, Total	ND		mg/kg	7.97	6.76	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.18	J	mg/kg	15.9	1.98	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Copper, Total	10.8		mg/kg	7.97	1.81	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Iron, Total	5620		mg/kg	39.8	8.37	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Lead, Total	40.2		mg/kg	39.8	1.90	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Magnesium, Total	19000		mg/kg	79.7	13.0	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Manganese, Total	318		mg/kg	7.97	4.27	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.051	1	05/05/25 11:57	05/05/25 14:11	EPA 7471B	1,7471B	JWN
Nickel, Total	16.9	J	mg/kg	19.9	6.44	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Potassium, Total	ND		mg/kg	1990	404.	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	15.9	2.62	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	3.98	2.37	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	1590	845.	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	15.9	7.19	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Vanadium, Total	7.79	J	mg/kg	7.97	1.20	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Zinc, Total	36.5	J	mg/kg	39.8	4.83	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-02

Date Collected: 04/18/25 09:10

Client ID: SOIL-102_4-5

Date Received: 04/18/25

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	7150		mg/kg	9.31	3.03	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.66	3.59	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Arsenic, Total	11.0		mg/kg	0.931	0.402	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Barium, Total	207		mg/kg	0.931	0.099	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.443	J	mg/kg	0.466	0.051	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.310	J	mg/kg	0.931	0.051	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Calcium, Total	73200		mg/kg	9.31	5.28	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Chromium, Total	11.1		mg/kg	0.931	0.790	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.54		mg/kg	1.86	0.231	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Copper, Total	49.5		mg/kg	0.931	0.211	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Iron, Total	12800		mg/kg	4.66	0.978	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Lead, Total	37.2		mg/kg	4.66	0.222	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Magnesium, Total	11600		mg/kg	9.31	1.52	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Manganese, Total	249		mg/kg	0.931	0.499	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Mercury, Total	0.802		mg/kg	0.091	0.059	1	05/05/25 11:57	05/05/25 14:21	EPA 7471B	1,7471B	JWN
Nickel, Total	22.9		mg/kg	2.33	0.753	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Potassium, Total	740		mg/kg	233	47.2	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.86	0.306	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.466	0.278	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Sodium, Total	760		mg/kg	186	98.7	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.86	0.840	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Vanadium, Total	15.6		mg/kg	0.931	0.141	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Zinc, Total	390		mg/kg	4.66	0.564	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-03

Date Collected: 04/18/25 12:00

Client ID: CHA-1

Date Received: 04/18/25

Sample Location: SYRACUSE, NY

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											
Aluminum, Total	7300		mg/kg	9.57	3.11	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.79	3.69	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	9.20		mg/kg	0.957	0.414	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Barium, Total	208		mg/kg	0.957	0.101	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.411	J	mg/kg	0.479	0.053	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.34		mg/kg	0.957	0.053	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Calcium, Total	68000		mg/kg	9.57	5.43	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Chromium, Total	13.0		mg/kg	0.957	0.812	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.06		mg/kg	1.91	0.237	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Copper, Total	47.9		mg/kg	0.957	0.217	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Iron, Total	12900		mg/kg	4.79	1.00	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Lead, Total	190		mg/kg	4.79	0.228	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	14200		mg/kg	9.57	1.56	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Manganese, Total	411		mg/kg	0.957	0.513	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Mercury, Total	0.312		mg/kg	0.100	0.065	1	05/05/25 11:57	05/05/25 14:24	EPA 7471B	1,7471B	JWN
Nickel, Total	19.7		mg/kg	2.39	0.774	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Potassium, Total	768		mg/kg	239	48.5	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.91	0.315	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.479	0.285	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Sodium, Total	930		mg/kg	191	101.	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.91	0.864	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	14.6		mg/kg	0.957	0.144	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Zinc, Total	845		mg/kg	4.79	0.580	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-04

Date Collected: 04/18/25 10:00

Client ID: SOIL-101_1-2

Date Received: 04/18/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	9.54	3.10	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.77	3.67	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.40		mg/kg	0.954	0.412	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Barium, Total	93.8		mg/kg	0.954	0.101	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.438	J	mg/kg	0.477	0.052	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.228	J	mg/kg	0.954	0.052	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Calcium, Total	45700		mg/kg	9.54	5.41	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Chromium, Total	15.7		mg/kg	0.954	0.809	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.29		mg/kg	1.91	0.236	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Copper, Total	20.2		mg/kg	0.954	0.216	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Iron, Total	17000		mg/kg	4.77	1.00	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Lead, Total	87.0		mg/kg	4.77	0.227	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Magnesium, Total	8920		mg/kg	9.54	1.55	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Manganese, Total	326		mg/kg	0.954	0.511	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Mercury, Total	0.209		mg/kg	0.092	0.060	1	05/05/25 11:57	05/05/25 14:28	EPA 7471B	1,7471B	JWN
Nickel, Total	20.7		mg/kg	2.38	0.770	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Potassium, Total	765		mg/kg	238	48.3	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.91	0.314	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.477	0.284	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Sodium, Total	865		mg/kg	191	101.	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.91	0.860	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.1		mg/kg	0.954	0.144	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Zinc, Total	68.1		mg/kg	4.77	0.578	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-05

Date Collected: 04/18/25 10:05

Client ID: SOIL-101_4-5

Date Received: 04/18/25

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	11800		mg/kg	9.30	3.02	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.65	3.58	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.57		mg/kg	0.930	0.402	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Barium, Total	51.8		mg/kg	0.930	0.099	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.593		mg/kg	0.465	0.051	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.221	J	mg/kg	0.930	0.051	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Calcium, Total	3650		mg/kg	9.30	5.27	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Chromium, Total	16.2		mg/kg	0.930	0.789	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Cobalt, Total	11.4		mg/kg	1.86	0.231	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Copper, Total	21.6		mg/kg	0.930	0.211	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Iron, Total	19900		mg/kg	4.65	0.976	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Lead, Total	10.7		mg/kg	4.65	0.221	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Magnesium, Total	4900		mg/kg	9.30	1.52	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Manganese, Total	210		mg/kg	0.930	0.498	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.094	0.061	1	05/05/25 11:57	05/05/25 13:08	EPA 7471B	1,7471B	JWN
Nickel, Total	26.4		mg/kg	2.32	0.751	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Potassium, Total	609		mg/kg	232	47.2	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.86	0.306	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.465	0.277	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Sodium, Total	334		mg/kg	186	98.6	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.86	0.839	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.0		mg/kg	0.930	0.140	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Zinc, Total	49.2		mg/kg	4.65	0.564	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-11

Date Collected: 04/24/25 09:35

Client ID: MW-101-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.164		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00080		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Barium, Total	0.1208		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Calcium, Total	140.		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00039	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00094		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Copper, Total	0.00189		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Iron, Total	0.377		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Magnesium, Total	35.7		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1285		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:25	EPA 7470A	1,7470A	CME
Nickel, Total	0.00274		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 21:58	EPA 3005A	1,6020B	NTB
Potassium, Total	18.9		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00775		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Sodium, Total	404.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 22:02	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-12

Date Collected: 04/24/25 09:00

Client ID: CHA-1-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.174		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00084		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Barium, Total	0.1197		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Calcium, Total	140.		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00038	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00095		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Copper, Total	0.00197		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Iron, Total	0.386		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Magnesium, Total	36.2		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1289		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:28	EPA 7470A	1,7470A	CME
Nickel, Total	0.00281		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 22:07	EPA 3005A	1,6020B	NTB
Potassium, Total	19.0		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00746		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Sodium, Total	399.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 22:11	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-13

Date Collected: 04/24/25 13:15

Client ID: MW-102-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.211		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00118	J	mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00041	J	mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Barium, Total	0.09516		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Calcium, Total	118.		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00073	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00067		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Copper, Total	0.00146		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Iron, Total	0.373		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Magnesium, Total	27.1		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Manganese, Total	0.08856		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 08:59	EPA 7470A	1,7470A	CME
Nickel, Total	0.00175	J	mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Potassium, Total	6.62		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00416	J	mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Sodium, Total	411.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 21:30	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-14

Date Collected: 04/24/25 11:00

Client ID: MW-103-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.290		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00048	J	mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Barium, Total	0.1320		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Calcium, Total	94.2		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00056	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00070		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Copper, Total	0.00182		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Iron, Total	0.624		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Lead, Total	0.00037	J	mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Magnesium, Total	26.0		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Manganese, Total	0.08673		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:32	EPA 7470A	1,7470A	CME
Nickel, Total	0.00128	J	mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 22:16	EPA 3005A	1,6020B	NTB
Potassium, Total	7.54		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00390	J	mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Sodium, Total	398.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 22:34	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-15

Date Collected: 04/24/25 15:30

Client ID: FB-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.00428	J	mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Calcium, Total	0.0604	J	mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00030	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Copper, Total	0.00356		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Iron, Total	0.517		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Manganese, Total	0.00347		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:35	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00472	J	mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-16

Date Collected: 04/24/25 15:40

Client ID: EQ-BLANK-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.00854	J	mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Calcium, Total	0.0839	J	mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Copper, Total	0.00362		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Magnesium, Total	0.0296	J	mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:38	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 22:38	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Sodium, Total	0.0927	J	mg/l	0.500	0.0293	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-19

Date Collected: 04/24/25 14:25

Client ID: WATER-WC-1

Date Received: 04/25/25

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											
Aluminum, Total	1.00		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00215		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Barium, Total	0.09709		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Calcium, Total	89.2		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00596		mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00148		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Copper, Total	0.00646		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Iron, Total	1.90		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Lead, Total	0.00164		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Magnesium, Total	28.0		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Manganese, Total	0.06855		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:42	EPA 7470A	1,7470A	CME
Nickel, Total	0.00405		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 22:43	EPA 3005A	1,6020B	NTB
Potassium, Total	8.73		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00556		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Sodium, Total	359.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 22:47	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00397	J	mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00606	J	mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-20

Date Collected: 04/24/25 14:55

Client ID: SOIL-WC-1

Date Received: 04/25/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/01/25 22:30

Matrix: Soil

Percent Solids: 84%

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	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Barium, TCLP	0.551		mg/l	0.500	0.0210	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/06/25 19:01	05/08/25 09:43	EPA 7470A	1,7470A	CME
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM



Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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): 11-16,19 Batch: WG2062195-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 17:27	1,6020B	NTB

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): 11-16,19 Batch: WG2062197-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 08:52	1,7470A	CME



Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG2062441-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	1.54	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.173	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.042	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.022	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.022	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	2.27	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.339	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.099	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.091	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Iron, Total	0.888	J	mg/kg	2.00	0.420	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.095	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.652	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.214	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.323	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	20.3	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.132	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.119	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	42.4	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.361	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.060	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.242	1	05/05/25 10:35	05/05/25 13:07	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B



Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

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): 01-05 Batch: WG2062444-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/05/25 11:57	05/05/25 13:02	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

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): 20 Batch: WG2063116-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	05/06/25 19:02	05/08/25 17:23	1,6010D	EFM
Barium, TCLP	ND		mg/l	0.500	0.0210	1	05/06/25 19:02	05/08/25 17:23	1,6010D	EFM
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/06/25 19:02	05/08/25 17:23	1,6010D	EFM
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/06/25 19:02	05/08/25 17:23	1,6010D	EFM
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/06/25 19:02	05/08/25 17:23	1,6010D	EFM
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/06/25 19:02	05/08/25 17:23	1,6010D	EFM
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/06/25 19:02	05/08/25 17:23	1,6010D	EFM

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 05/01/25 05:58

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): 20 Batch: WG2063121-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/06/25 19:01	05/08/25 09:36	1,7470A	CME

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 05/01/25 05:58



Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 Batch: WG2062195-2								
Aluminum, Total	116		-		80-120	-		
Antimony, Total	102		-		80-120	-		
Arsenic, Total	117		-		80-120	-		
Barium, Total	117		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	116		-		80-120	-		
Calcium, Total	108		-		80-120	-		
Chromium, Total	115		-		80-120	-		
Cobalt, Total	116		-		80-120	-		
Copper, Total	118		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	110		-		80-120	-		
Magnesium, Total	110		-		80-120	-		
Manganese, Total	114		-		80-120	-		
Nickel, Total	119		-		80-120	-		
Potassium, Total	113		-		80-120	-		
Selenium, Total	119		-		80-120	-		
Silver, Total	115		-		80-120	-		
Sodium, Total	115		-		80-120	-		
Thallium, Total	106		-		80-120	-		
Vanadium, Total	115		-		80-120	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 Batch: WG2062195-2					
Zinc, Total	120	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 Batch: WG2062197-2					
Mercury, Total	109	-	80-120	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2062441-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	99	-	80-120	-	
Arsenic, Total	95	-	80-120	-	
Barium, Total	99	-	80-120	-	
Beryllium, Total	99	-	80-120	-	
Cadmium, Total	98	-	80-120	-	
Calcium, Total	97	-	80-120	-	
Chromium, Total	97	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	97	-	80-120	-	
Lead, Total	97	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	97	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Selenium, Total	97	-	80-120	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	100	-	80-120	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2062441-2					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2062444-2					
Mercury, Total	103	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 20 Batch: WG2063116-2					
Arsenic, TCLP	105	-	75-125	-	20
Barium, TCLP	98	-	75-125	-	20
Cadmium, TCLP	106	-	75-125	-	20
Chromium, TCLP	104	-	75-125	-	20
Lead, TCLP	100	-	75-125	-	20
Selenium, TCLP	101	-	75-125	-	20
Silver, TCLP	101	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 20 Batch: WG2063121-2					
Mercury, TCLP	114	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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): 11-16,19 QC Batch ID: WG2062195-3 WG2062195-4 QC Sample: L2524225-13 Client ID: MW-102-20250424												
Aluminum, Total	0.211	2	2.50	114		2.49	114		75-125	0		20
Antimony, Total	0.00118J	0.5	0.5166	103		0.5331	107		75-125	3		20
Arsenic, Total	0.00041J	0.12	0.1356	113		0.1360	113		75-125	0		20
Barium, Total	0.09516	2	2.319	111		2.323	111		75-125	0		20
Beryllium, Total	ND	0.05	0.05481	110		0.05203	104		75-125	5		20
Cadmium, Total	ND	0.053	0.05733	108		0.05733	108		75-125	0		20
Calcium, Total	118.	10	134	160	Q	135	170	Q	75-125	1		20
Chromium, Total	0.00073J	0.2	0.2144	107		0.2138	107		75-125	0		20
Cobalt, Total	0.00067	0.5	0.5466	109		0.5458	109		75-125	0		20
Copper, Total	0.00146	0.25	0.2793	111		0.2820	112		75-125	1		20
Iron, Total	0.373	1	1.51	114		1.49	112		75-125	1		20
Lead, Total	ND	0.53	0.5538	104		0.5633	106		75-125	2		20
Magnesium, Total	27.1	10	38.0	109		37.3	102		75-125	2		20
Manganese, Total	0.08856	0.5	0.6362	110		0.6234	107		75-125	2		20
Nickel, Total	0.00175J	0.5	0.5601	112		0.5658	113		75-125	1		20
Potassium, Total	6.62	10	17.5	109		17.9	113		75-125	2		20
Selenium, Total	0.00416J	0.12	0.136	113		0.140	117		75-125	3		20
Silver, Total	ND	0.05	0.05409	108		0.05397	108		75-125	0		20
Sodium, Total	411.	10	406	0	Q	401	0	Q	75-125	1		20
Thallium, Total	ND	0.12	0.1212	101		0.1221	102		75-125	1		20
Vanadium, Total	ND	0.5	0.5520	110		0.5488	110		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 QC Batch ID: WG2062195-3 WG2062195-4 QC Sample: L2524225-13 Client ID: MW-102-20250424									
Zinc, Total	ND	0.5	0.5468	109	0.5513	110	75-125	1	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 QC Batch ID: WG2062195-7 WG2062195-8 QC Sample: L2525455-02 Client ID: MS Sample											
Aluminum, Total	6.70	2	9.65	148	Q	9.63	146	Q	75-125	0	20
Antimony, Total	0.00081J	0.5	0.5051	101		0.4961	99		75-125	2	20
Arsenic, Total	0.00864	0.12	0.1476	116		0.1452	114		75-125	2	20
Barium, Total	0.1406	2	2.422	114		2.419	114		75-125	0	20
Beryllium, Total	0.00032J	0.05	0.05562	111		0.05432	109		75-125	2	20
Cadmium, Total	0.00009J	0.053	0.05937	112		0.05890	111		75-125	1	20
Calcium, Total	257.	10	260	30	Q	262	50	Q	75-125	1	20
Chromium, Total	0.01650	0.2	0.2402	112		0.2354	109		75-125	2	20
Cobalt, Total	0.00489	0.5	0.5765	114		0.5660	112		75-125	2	20
Copper, Total	0.01762	0.25	0.3069	116		0.3080	116		75-125	0	20
Iron, Total	19.9	1	20.9	100		21.1	120		75-125	1	20
Lead, Total	0.03032	0.53	0.6157	110		0.6068	109		75-125	1	20
Magnesium, Total	33.9	10	44.7	108		44.6	107		75-125	0	20
Manganese, Total	1.009	0.5	1.595	117		1.580	114		75-125	1	20
Nickel, Total	0.01481	0.5	0.5417	105		0.5284	103		75-125	2	20
Potassium, Total	29.8	10	40.1	103		39.8	100		75-125	1	20
Selenium, Total	ND	0.12	0.132	110		0.130	108		75-125	2	20
Silver, Total	ND	0.05	0.05630	113		0.05546	111		75-125	2	20
Sodium, Total	170.	10	175	50	Q	176	60	Q	75-125	1	20
Thallium, Total	0.00019J	0.12	0.1272	106		0.1260	105		75-125	1	20
Vanadium, Total	0.02774	0.5	0.5919	113		0.5822	111		75-125	2	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 QC Batch ID: WG2062195-7 WG2062195-8 QC Sample: L2525455-02 Client ID: MS Sample									
Zinc, Total	0.04486	0.5	0.6253	116	0.6230	116	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 QC Batch ID: WG2062197-3 WG2062197-4 QC Sample: L2524225-13 Client ID: MW-102-20250424									
Mercury, Total	ND	0.005	0.00491	98	0.00487	98	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 QC Batch ID: WG2062197-5 WG2062197-6 QC Sample: L2525455-02 Client ID: MS Sample									
Mercury, Total	0.00022	0.005	0.00526	101	0.00507	97	75-125	4	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2062441-3 WG2062441-4 QC Sample: L2524225-05 Client ID: SOIL-101_4-5											
Aluminum, Total	11800	182	11300	0	Q	11000	0	Q	75-125	3	20
Antimony, Total	ND	45.6	13.0	28	Q	11.4	24	Q	75-125	13	20
Arsenic, Total	5.57	11	14.8	84		15.8	91		75-125	7	20
Barium, Total	51.8	182	220	92		212	86		75-125	4	20
Beryllium, Total	0.593	4.56	4.94	95		4.76	89		75-125	4	20
Cadmium, Total	0.221J	4.84	4.65	96		4.48	90		75-125	4	20
Calcium, Total	3650	913	4750	120		4150	54	Q	75-125	13	20
Chromium, Total	16.2	18.2	32.6	90		31.2	80		75-125	4	20
Cobalt, Total	11.4	45.6	52.7	90		50.8	84		75-125	4	20
Copper, Total	21.6	22.8	45.8	106		45.1	100		75-125	2	20
Iron, Total	19900	91.3	20000	110		20000	107		75-125	0	20
Lead, Total	10.7	48.4	56.6	95		55.5	90		75-125	2	20
Magnesium, Total	4900	913	5790	97		5470	61	Q	75-125	6	20
Manganese, Total	210	45.6	247	81		258	103		75-125	4	20
Nickel, Total	26.4	45.6	68.2	92		64.2	81		75-125	6	20
Potassium, Total	609	913	1400	87		1400	85		75-125	0	20
Selenium, Total	ND	11	8.30	76		7.71	69	Q	75-125	7	20
Silver, Total	ND	4.56	4.18	92		4.02	86		75-125	4	20
Sodium, Total	334	913	1200	95		1170	89		75-125	3	20
Thallium, Total	ND	11	9.34	85		9.38	84		75-125	0	20
Vanadium, Total	18.0	45.6	61.5	95		59.0	88		75-125	4	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2062441-3 WG2062441-4 QC Sample: L2524225-05 Client ID: SOIL-101_4-5									
Zinc, Total	49.2	45.6	90.9	91	86.9	81	75-125	4	20



Matrix Spike Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05			QC Batch ID: WG2062441-7			WG2062441-8	QC Sample: L2526018-12			Client ID: MS Sample		
Aluminum, Total	2510	161	1420	0	Q	2930	266	Q	75-125	69	Q	20
Antimony, Total	ND	40.3	34.6	86		28.0	71	Q	75-125	21	Q	20
Arsenic, Total	1.03	9.68	9.72	90		10.2	97		75-125	5		20
Barium, Total	8.59	161	165	97		163	98		75-125	1		20
Beryllium, Total	0.128J	4.03	4.00	99		3.92	99		75-125	2		20
Cadmium, Total	ND	4.28	4.19	98		4.04	96		75-125	4		20
Calcium, Total	135	807	794	82		809	85		75-125	2		20
Chromium, Total	5.68	16.1	18.6	80		20.7	95		75-125	11		20
Cobalt, Total	1.16J	40.3	40.4	100		39.4	100		75-125	3		20
Copper, Total	2.85	20.2	21.7	93		22.5	99		75-125	4		20
Iron, Total	3790	80.7	2380	0	Q	4740	1200	Q	75-125	66	Q	20
Lead, Total	1.43J	42.8	42.1	98		41.6	99		75-125	1		20
Magnesium, Total	383	807	982	74	Q	1190	102		75-125	19		20
Manganese, Total	39.8	40.3	65.2	63	Q	88.7	124		75-125	31	Q	20
Nickel, Total	2.85	40.3	40.9	94		40.5	95		75-125	1		20
Potassium, Total	255	807	930	84		1040	99		75-125	11		20
Selenium, Total	ND	9.68	9.28	96		8.89	94		75-125	4		20
Silver, Total	ND	4.03	3.91	97		3.82	97		75-125	2		20
Sodium, Total	ND	807	816	101		813	103		75-125	0		20
Thallium, Total	ND	9.68	9.23	95		8.99	95		75-125	3		20
Vanadium, Total	4.09	40.3	43.2	97		44.3	102		75-125	3		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2062441-7 WG2062441-8 QC Sample: L2526018-12 Client ID: MS Sample									
Zinc, Total	6.63	40.3	42.5	89	44.0	94	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2062444-3 WG2062444-4 QC Sample: L2524225-05 Client ID: SOIL-101_4-5									
Mercury, Total	ND	1.58	1.68	106	1.85	104	80-120	10	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2062444-5 WG2062444-6 QC Sample: L2526018-12 Client ID: MS Sample									
Mercury, Total	ND	1.34	1.39	104	1.65	104	80-120	17	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 20 QC Batch ID: WG2063116-3 QC Sample: L2524225-20 Client ID: SOIL-WC-1									
Arsenic, TCLP	ND	1.2	1.26	105	-	-	75-125	-	20
Barium, TCLP	0.551	20	20.9	102	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.552	104	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.03	102	-	-	75-125	-	20
Lead, TCLP	ND	5.3	5.28	100	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.20	100	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.506	101	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 20 QC Batch ID: WG2063121-3 QC Sample: L2524225-20 Client ID: SOIL-WC-1									
Mercury, TCLP	ND	0.025	0.0289	116	-	-	75-125	-	20

Lab Duplicate Analysis*Batch Quality Control***Project Name:** SYR GATEWAY APARTMENTS-REMEDIA**Project Number:** 086328**Lab Number:** L2524225**Report Date:** 05/15/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 20 QC Batch ID: WG2063116-4 QC Sample: L2524225-20 Client ID: SOIL-WC-1						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.551	0.544	mg/l	1		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): 20 QC Batch ID: WG2063121-4 QC Sample: L2524225-20 Client ID: SOIL-WC-1						
Mercury, TCLP	ND	ND	mg/l	NC		20

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 QC Batch ID: WG2062195-10 QC Sample: L2525455-02 Client ID: DUP Sample						
Aluminum, Total	6.70	6.37	mg/l	5		20
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 QC Batch ID: WG2062195-6 QC Sample: L2524225-13 Client ID: MW-102-20250424						
Barium, Total	0.09516	0.09869	mg/l	4		20
Calcium, Total	118.	125.	mg/l	6		20
Magnesium, Total	27.1	26.7	mg/l	1		20
Manganese, Total	0.08856	0.09643	mg/l	9		20
Potassium, Total	6.62	6.88	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 11-16,19 QC Batch ID: WG2062195-6 QC Sample: L2524225-13 Client ID: MW-102-20250424						
Sodium, Total	411.	413.	mg/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2062441-10 QC Sample: L2526018-12 Client ID: DUP Sample						
Aluminum, Total	2510	2460	mg/kg	2		20
Iron, Total	3790	3800	mg/kg	0		20
Magnesium, Total	383	373	mg/kg	3		20
Manganese, Total	39.8	38.9	mg/kg	2		20

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2524225
Report Date: 05/15/25

Parameter	Native Sample	Serial Dilution	Units	% D	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2062441-6 QC Sample: L2524225-05 Client ID: SOIL-101_4-5					
Aluminum, Total	11800	12000	mg/kg	2	20
Barium, Total	51.8	53.4	mg/kg	3	20
Calcium, Total	3650	3810	mg/kg	4	20
Iron, Total	19900	22100	mg/kg	11	20
Magnesium, Total	4900	5220	mg/kg	7	20
Manganese, Total	210	218	mg/kg	4	20

INORGANICS & MISCELLANEOUS

Project Name: SYR GATEWAY APARTMENTS-REME
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/01/25 16:52	1,1030	REM



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Project Number:** 086328**Lab Number:** L2524225**Report Date:** 05/15/25**SAMPLE RESULTS****Lab ID:** L2524225-01**Client ID:** SOIL-102_1-2**Sample Location:** SYRACUSE, NY**Date Collected:** 04/18/25 09:00**Date Received:** 04/18/25**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	94.5		%	0.100	NA	1	-	04/23/25 07:37	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-02
Client ID: SOIL-102_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:10
Date Received: 04/18/25
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	84.2		%	0.100	NA	1	-	04/23/25 07:37	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 12:00
Date Received: 04/18/25
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	80.4		%	0.100	NA	1	-	04/23/25 13:16	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
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	82.7		%	0.100	NA	1	-	04/23/25 07:37	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-05
Client ID: SOIL-101_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:05
Date Received: 04/18/25
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	-	04/23/25 07:37	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
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	84.2		%	0.100	NA	1	-	04/23/25 13:16	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-07
Client ID: SOIL-103_23-25
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	04/23/25 13:16	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-08
Client ID: CHA-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:30
Date Received: 04/18/25
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	84.6		%	0.100	NA	1	-	04/23/25 07:37	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	04/23/25 13:16	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-10
Client ID: SOIL-104_18-20
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	04/23/25 13:16	121,2540G	ROI



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	05/01/25 11:46	121,2540G	ROI
pH (H)	7.82		SU	-	NA	1	-	05/01/25 17:29	1,9045D	AAS
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/02/25 22:20	05/02/25 23:31	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/02/25 22:20	05/02/25 23:26	125,7.3	TLH



Project Name: SYR GATEWAY APARTMENTS-REME**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**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): 20 Batch: WG2061811-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/02/25 22:20	05/02/25 23:25	125,7.3	TLH
General Chemistry - Westborough Lab for sample(s): 20 Batch: WG2061813-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/02/25 22:20	05/02/25 23:30	125,7.3	TLH



Lab Control Sample Analysis **Batch Quality Control**

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 20 Batch: WG2061190-1								
pH	99		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 20 Batch: WG2061811-2								
Sulfide, Reactive	72		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 20 Batch: WG2061813-2								
Cyanide, Reactive	55		-		30-125	-		40

Lab Duplicate Analysis*Batch Quality Control***Project Name:** SYR GATEWAY APARTMENTS-REMEDIA**Project Number:** 086328**Lab Number:** L2524225**Report Date:** 05/15/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05,08 QC Batch ID: WG2057451-1 QC Sample: L2524225-05 Client ID: SOIL-101_4-5						
Solids, Total	84.0	84.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 03,06-07,09-10 QC Batch ID: WG2057551-1 QC Sample: L2524225-10 Client ID: SOIL-104_18-20						
Solids, Total	87.5	81.2	%	7		20
General Chemistry - Westborough Lab Associated sample(s): 20 QC Batch ID: WG2061070-1 QC Sample: L2524225-20 Client ID: SOIL-WC-1						
Solids, Total	83.5	82.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 20 QC Batch ID: WG2061190-2 QC Sample: L2525760-01 Client ID: DUP Sample						
pH	8.06	8.33	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 20 QC Batch ID: WG2061811-3 QC Sample: L2525788-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 20 QC Batch ID: WG2061813-3 QC Sample: L2525788-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent
F	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-01A	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2524225-01C	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-01D	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-1633(90)
L2524225-02A	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	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),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2524225-02C	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-03A	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2524225-03C	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-04A	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-04B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2524225-04C	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-04D	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-1633(90)
L2524225-05A	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-05A1	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-05A2	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-05B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2524225-05B1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-05B2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2524225-05C	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-05C1	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-05C2	Glass 120ml/4oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-06A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2524225-06B	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-06C	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-06D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-06E	Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-06F	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-1633(90)
L2524225-07A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2524225-07B	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-07C	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-07D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-08A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2524225-08B	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-08C	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-08D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-09A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2524225-09B	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-09C	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-09D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-09E	Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14)
L2524225-09F	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-1633(90)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-10A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2524225-10A1	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2524225-10A2	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2524225-10B	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-10B1	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-10B2	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-10C	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-10C1	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-10C2	Vial water preserved	A	NA		2.2	Y	Absent	19-APR-25 17:59	NYTCL-8260HLW-R2(14)
L2524225-10D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-10D1	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-10D2	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L2524225-11A	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-11B	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-11C	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-11D	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-11E	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-11F	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2524225-11G	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2524225-11H	Plastic 250ml HNO3 preserved	C	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2524225-11J	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-11K	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-11L	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-11M	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-12A	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-12B	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-12C	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-12D	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-12E	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-12F	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2524225-12G	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2524225-12H	Plastic 250ml HNO3 preserved	C	<2	<2	2.5	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-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),AG-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2524225-12J	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-12K	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-12L	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-12M	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-13A	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-13A1	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-13A2	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-13B	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-13B1	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-13B2	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-13C	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-13C1	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-13C2	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-13D	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13D1	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13D2	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13E	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13E1	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13E2	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13F	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2524225-13F1	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13F2	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13G	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365)
L2524225-13G1	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13G2	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8082-RVT(365),NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-13H	Plastic 250ml HNO3 preserved	C	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-13H1	Plastic 250ml HNO3 preserved	C	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2524225-13H2	Plastic 250ml HNO3 preserved	C	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2524225-13J	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-13J1	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-13J2	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-13K	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-13K1	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-13K2	Amber 250ml unpreserved	C	7	7	2.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-13L	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-13L1	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-13L2	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-13M	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-13M1	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-13M2	Plastic 500ml unpreserved	D	NA		2.6	Y	Absent		A2-NY-1633(28)
L2524225-14A	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2524225-14B	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2524225-14C	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Serial_No: 05152515:41
Lab Number: L2524225
Report Date: 05/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-14D	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-14E	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-14F	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2524225-14G	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2524225-14H	Plastic 250ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2524225-14J	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-14K	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-14L	Plastic 500ml unpreserved	B	NA		2.4	Y	Absent		A2-NY-1633(28)
L2524225-14M	Plastic 500ml unpreserved	B	NA		2.4	Y	Absent		A2-NY-1633(28)
L2524225-15A	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2524225-15B	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2524225-15C	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2524225-15D	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-15E	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-15F	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2524225-15G	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Serial_No: 05152515:41
Lab Number: L2524225
Report Date: 05/15/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-15H	Plastic 250ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2524225-15J	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-15K	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-15L	Plastic 500ml unpreserved	B	NA		2.4	Y	Absent		A2-NY-1633(28)
L2524225-15M	Plastic 500ml unpreserved	B	NA		2.4	Y	Absent		A2-NY-1633(28)
L2524225-16A	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2524225-16B	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2524225-16C	Vial HCl preserved	B	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2524225-16D	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-16E	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-16F	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2524225-16G	Amber 100ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-RVT(365)
L2524225-16H	Plastic 250ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2524225-16J	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-16K	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2524225-16L	Plastic 500ml unpreserved	B	NA		2.4	Y	Absent		A2-NY-1633(28)

*Values in parentheses indicate holding time in days



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-16M	Plastic 500ml unpreserved	B	NA		2.4	Y	Absent		A2-NY-1633(28)
L2524225-17A	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-17B	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-17C	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-17D	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-17E	Amber 100ml unpreserved	C	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-18A	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-18B	Vial HCl preserved	C	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2524225-19A	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2524225-19B	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2524225-19C	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2524225-19D	Amber 100ml unpreserved	E	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-19E	Amber 100ml unpreserved	E	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2524225-19F	Amber 100ml unpreserved	E	7	7	3.6	Y	Absent		NYTCL-8082-RVT(365)
L2524225-19G	Amber 100ml unpreserved	E	7	7	3.6	Y	Absent		NYTCL-8082-RVT(365)
L2524225-19H	Plastic 250ml HNO3 preserved	E	<2	<2	3.6	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2524225-20A	Plastic 2oz unpreserved for TS	E	NA		3.6	Y	Absent		TS(7)
L2524225-20B	Vial Large Septa unpreserved (4oz)	E	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2524225-20C	Vial Large Septa unpreserved (4oz)	E	NA		3.6	Y	Absent		TCLP-EXT-ZHE(14)
L2524225-20D	Glass 120ml/4oz unpreserved	E	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),PH-9045(1),NYTCL-8082(365),REACTCN(14)

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524225-20E	Glass 500ml/16oz unpreserved	E	NA		3.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),PH-9045(1),NYTCL-8082(365),REACTCN(14)
L2524225-20Q	Vial unpreserved Extracts	E	NA		3.6	Y	Absent		TCLP-VOA(14)
L2524225-20R	Vial unpreserved Extracts	E	NA		3.6	Y	Absent		TCLP-VOA(14)
L2524225-20S	Amber 1L unpreserved Extracts	E	NA		3.6	Y	Absent		PEST-TCLP-RVT(14),HERB-TCLP*(14),TCLP-8270-RVT(14)
L2524225-20W	Plastic 120ml HNO3 preserved Extracts	E	NA		3.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2524225-20X	Vial MeOH preserved split	E	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2524225-20X9	Tumble Vessel	E	NA		3.6	Y	Absent		-
L2524225-20Y	Vial Water preserved split	E	NA		3.6	Y	Absent	05-MAY-25 04:19	NYTCL-8260-R2(14)
L2524225-20Z	Vial Water preserved split	E	NA		3.6	Y	Absent	05-MAY-25 04:19	NYTCL-8260-R2(14)
L2524225-21A	Amber 250ml unpreserved	F	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2524225-21B	Amber 250ml unpreserved	F	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2524225-21C	Amber 100ml unpreserved	F	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2524225-21D	Amber 100ml unpreserved	F	N/A	N/A	3.2	Y	Absent		NYTCL-8270(14)
L2524225-21X	Vial MeOH preserved split	F	NA		3.2	Y	Absent		NYTCL-8260-R2(14)

Container Comments

L2524225-21A	Matrix stained or bleached pH paper; cannot read pH.
L2524225-21B	Matrix stained or bleached pH paper; cannot read pH.
L2524225-21C	Matrix stained or bleached pH paper; cannot read pH.
L2524225-21D	Matrix stained or bleached pH paper; cannot read pH.

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Serial_No:05152515:41
Lab Number: L2524225
Report Date: 05/15/25

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
Nonfluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Serial_No:05152515:41
Lab Number: L2524225
Report Date: 05/15/25

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-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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

Report Format: DU Report with 'J' Qualifiers



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were 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-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

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.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

Page 1 of 2

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, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, 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, 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 Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		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 04/19/25		ALPHA Job # 12524225	
		Project Information Project Name: SYR Gateway Apartments - Remedial Inv. Project Location: Syracuse, NY Project # 086328 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☒ EQuIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO # 08632805 C/61			
Client Information Client: LHA Consulting Address: 300 S. State St Syracuse, NY 13202 Phone: 315-257-7154 Fax: Email: Smiller@chasolutions.com		Project Manager: M. Deyo ALPHAQuote #: 30817 Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use <i>Re: State of NY</i> ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐						ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments: Sample "Soil-103-16-18" has product in it. CC ahodgens@chasolutions.com + Kehmman@chasolutions.com						NYCL-8270 + TICs also including 1,4-Dioxane		Total Metals Total Solids PFASs - 1633 1,4-Dioxane - SIM NYCL-8260 VOCs Heavy + TICs	
Please specify Metals or TAL.									
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
24225-01		Soil-102-1-2		4-18-25 0900		S		AH	
-02		Soil-102-4-5		0910					
-03		CHA-1		1200					
-04		Soil-101-1-2		1000					
-05		Soil-101-4-5		1005					
(JME)		MS-1		1005					
-06		MSD-1		1005					
-07		Soil-103-16-18		1120					
-08		Soil-103-23-25		1130					
		CHA-2		0930					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 Preservative		A A P P A V A A A A A F	
Relinquished By: <i>Andrew Hodgins</i>		Date/Time 4-18-25 1615 0130		Received By: <i>[Signature]</i>		Date/Time 4/19/25 1615 0130		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)									

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

2 of 2

^d 04/19/25

ALPHA Job # 12524225

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.)

	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 2		Date Rec'd in Lab 04/25/25	ALPHA Job # 42524225																																																																																																																																																																																																	
			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																																																																																																																																																																																																		
Client Information Client: <i>CHA Consulting</i> Address: <i>300 S. State Street</i> <i>Syracuse, NY</i> Phone: <i>315-257-7154</i> Fax: Email: <i>Smiller@chasolutions.com</i>			Project Information Project Name: <i>SYR Gateway Apartments-Remedial Inv.</i> Project Location: <i>Syracuse, NY</i> Project # <i>086328</i> (Use Project name as Project #) ☐ Project Manager: <i>M. Drevo</i> ALPHAQuote #: <i>30814</i> Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:			Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☒ EQuIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO # <i>08632805 C/O1</i>																																																																																																																																																																																															
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 VPAAAPV Preservative BKAAAAB		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)			Relinquished By: <i>Andrew Hodgens</i> <i>RB CO - Sen S.C</i>		Date/Time <i>4-24-25 1705</i> <i>4/24/25 1825</i> <i>0130</i>		Received By: <i>RB CO - Pat</i> <i>[Signature]</i>		Date/Time <i>4/24/25 1825</i> <i>9/25 0130</i>																																																																																																																																																																																														

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

2 of 2

Date Rec'd
in Lab

L2524225

Page 399 of 399



ANALYTICAL REPORT

Lab Number:	L2540261
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	701-705 EAST FAYETTE ST.
Project Number:	086328
Report Date:	07/02/25

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.

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: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2540261
Report Date: 07/02/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2540261-01	MW-101	WATER	SYRACUSE, NY	06/26/25 10:05	06/26/25
L2540261-02	MW-102	WATER	SYRACUSE, NY	06/26/25 11:50	06/26/25
L2540261-03	MW-103	WATER	SYRACUSE, NY	06/26/25 12:40	06/26/25
L2540261-04	MW-104	WATER	SYRACUSE, NY	06/26/25 10:55	06/26/25
L2540261-05	DUP	WATER	SYRACUSE, NY	06/26/25 10:55	06/26/25

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2540261
Report Date: 07/02/25

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: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2540261
Report Date: 07/02/25

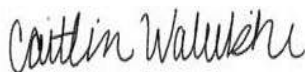
Case Narrative (continued)

Report Submission

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

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

Authorized Signature:



Caitlin Walukevich

Title: Technical Director/Representative

Date: 07/02/25

ORGANICS

SEMIVOLATILES

Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-01
 Client ID: MW-101
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 10:05
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 07/01/25 22:20
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 07/01/25 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	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
Fluoranthene	ND		ug/l	2.0	0.41	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
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	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	3.7	J	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
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-01
 Client ID: MW-101
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 10:05
 Date Received: 06/26/25
 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/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	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
2-Methylnaphthalene	ND		ug/l	2.0	0.37	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
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
Pentachlorophenol	ND		ug/l	10	2.5	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



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-01

Date Collected: 06/26/25 10:05

Client ID: MW-101

Date Received: 06/26/25

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/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	76		41-149

Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-02
 Client ID: MW-102
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 11:50
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 07/01/25 22:45
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 07/01/25 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	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
Fluoranthene	ND		ug/l	2.0	0.41	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
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	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
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-02
 Client ID: MW-102
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 11:50
 Date Received: 06/26/25
 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/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	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
2-Methylnaphthalene	ND		ug/l	2.0	0.37	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
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
Pentachlorophenol	ND		ug/l	10	2.5	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



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-02

Date Collected: 06/26/25 11:50

Client ID: MW-102

Date Received: 06/26/25

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/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	71		41-149

Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-03
 Client ID: MW-103
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 12:40
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 07/01/25 23:10
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 07/01/25 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	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
Fluoranthene	ND		ug/l	2.0	0.41	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
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	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	2.6	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	3.6	J	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
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-03
 Client ID: MW-103
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 12:40
 Date Received: 06/26/25
 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/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	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
2-Methylnaphthalene	ND		ug/l	2.0	0.37	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
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
Pentachlorophenol	ND		ug/l	10	2.5	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



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-03

Date Collected: 06/26/25 12:40

Client ID: MW-103

Date Received: 06/26/25

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/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	83		41-149

Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-04
 Client ID: MW-104
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 10:55
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 07/01/25 23:36
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 07/01/25 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	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
Fluoranthene	ND		ug/l	2.0	0.41	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
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	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
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-04
 Client ID: MW-104
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 10:55
 Date Received: 06/26/25
 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/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	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
2-Methylnaphthalene	ND		ug/l	2.0	0.37	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
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
Pentachlorophenol	ND		ug/l	10	2.5	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



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-04

Date Collected: 06/26/25 10:55

Client ID: MW-104

Date Received: 06/26/25

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/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	77		41-149

Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-05
 Client ID: DUP
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 10:55
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 07/02/25 00:51
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 07/01/25 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.40	1
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
2-Chloronaphthalene	ND		ug/l	2.0	0.35	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
Fluoranthene	ND		ug/l	2.0	0.41	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
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Isophorone	ND		ug/l	5.0	0.86	1
Naphthalene	ND		ug/l	2.0	0.54	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	2.3	J	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
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.37	1



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-05
 Client ID: DUP
 Sample Location: SYRACUSE, NY

Date Collected: 06/26/25 10:55
 Date Received: 06/26/25
 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/l	2.0	0.53	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62	1
Chrysene	ND		ug/l	2.0	0.22	1
Acenaphthylene	ND		ug/l	2.0	0.32	1
Anthracene	ND		ug/l	2.0	0.47	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.37	1
Fluorene	ND		ug/l	2.0	0.44	1
Phenanthrene	ND		ug/l	2.0	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48	1
Pyrene	ND		ug/l	2.0	0.41	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
2-Methylnaphthalene	ND		ug/l	2.0	0.37	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
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
Pentachlorophenol	ND		ug/l	10	2.5	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



Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**SAMPLE RESULTS**

Lab ID: L2540261-05

Date Collected: 06/26/25 10:55

Client ID: DUP

Date Received: 06/26/25

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/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	80		41-149

Project Name: 701-705 EAST FAYETTE ST.

Lab Number: L2540261

Project Number: 086328

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 07/01/25 21:05
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 07/01/25 01:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2085489-1					
Acenaphthene	ND		ug/l	2.0	0.40
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
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
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



Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2540261

Report Date: 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 07/01/25 21:05
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 07/01/25 01:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2085489-1					
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
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



Project Name: 701-705 EAST FAYETTE ST.**Project Number:** 086328**Lab Number:** L2540261**Report Date:** 07/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 07/01/25 21:05
 Analyst: SMZ

Extraction Method: EPA 3510C
 Extraction Date: 07/01/25 01:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2085489-1					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	66		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2540261

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2085489-2 WG2085489-3								
Acenaphthene	65		63		37-111	3		30
Hexachlorobenzene	69		69		40-140	0		30
Bis(2-chloroethyl)ether	72		62		40-140	15		30
2-Chloronaphthalene	61		59		40-140	3		30
3,3'-Dichlorobenzidine	50		51		40-140	2		30
2,4-Dinitrotoluene	76		77		48-143	1		30
2,6-Dinitrotoluene	74		75		40-140	1		30
Fluoranthene	70		74		40-140	6		30
4-Chlorophenyl phenyl ether	68		68		40-140	0		30
4-Bromophenyl phenyl ether	68		69		40-140	1		30
Bis(2-chloroisopropyl)ether	70		64		40-140	9		30
Bis(2-chloroethoxy)methane	70		66		40-140	6		30
Hexachlorobutadiene	42		39	Q	40-140	7		30
Hexachlorocyclopentadiene	44		46		40-140	4		30
Hexachloroethane	45		42		40-140	7		30
Isophorone	72		67		40-140	7		30
Naphthalene	57		54		40-140	5		30
Nitrobenzene	72		68		40-140	6		30
NDPA/DPA	70		69		40-140	1		30
n-Nitrosodi-n-propylamine	75		71		29-132	5		30
Bis(2-ethylhexyl)phthalate	81		86		40-140	6		30
Butyl benzyl phthalate	91		98		40-140	7		30
Di-n-butylphthalate	85		80		40-140	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2540261

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2085489-2 WG2085489-3								
Di-n-octylphthalate	96		103		40-140	7		30
Diethyl phthalate	75		75		40-140	0		30
Dimethyl phthalate	74		74		40-140	0		30
Benzo(a)anthracene	71		76		40-140	7		30
Benzo(a)pyrene	71		80		40-140	12		30
Benzo(b)fluoranthene	79		82		40-140	4		30
Benzo(k)fluoranthene	71		78		40-140	9		30
Chrysene	68		71		40-140	4		30
Acenaphthylene	68		67		45-123	1		30
Anthracene	69		71		40-140	3		30
Benzo(ghi)perylene	84		85		40-140	1		30
Fluorene	70		70		40-140	0		30
Phenanthrene	67		69		40-140	3		30
Dibenzo(a,h)anthracene	88		92		40-140	4		30
Indeno(1,2,3-cd)pyrene	92		95		40-140	3		30
Pyrene	68		70		26-127	3		30
Biphenyl	67		65		40-140	3		30
4-Chloroaniline	46		45		40-140	2		30
2-Nitroaniline	79		80		52-143	1		30
3-Nitroaniline	69		67		25-145	3		30
4-Nitroaniline	73		73		51-143	0		30
Dibenzofuran	66		66		40-140	0		30
2-Methylnaphthalene	62		58		40-140	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 701-705 EAST FAYETTE ST.

Lab Number: L2540261

Project Number: 086328

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2085489-2 WG2085489-3								
1,2,4,5-Tetrachlorobenzene	55		55		2-134	0		30
Acetophenone	80		70		39-129	13		30
2,4,6-Trichlorophenol	69		70		30-130	1		30
p-Chloro-m-cresol	75		71		23-97	5		30
2-Chlorophenol	75		66		27-123	13		30
2,4-Dichlorophenol	73		69		30-130	6		30
2,4-Dimethylphenol	60		49		30-130	20		30
2-Nitrophenol	92		87		30-130	6		30
4-Nitrophenol	45		45		10-80	0		30
2,4-Dinitrophenol	82		89		20-130	8		30
4,6-Dinitro-o-cresol	92		100		20-164	8		30
Pentachlorophenol	79		80		9-103	1		30
Phenol	43		39		12-110	10		30
2-Methylphenol	65		60		30-130	8		30
3-Methylphenol/4-Methylphenol	71		64		30-130	10		30
2,4,5-Trichlorophenol	75		74		30-130	1		30
Carbazole	70		71		55-144	1		30
Atrazine	87		89		40-140	2		30
Benzaldehyde	94		83		40-140	12		30
Caprolactam	51		53		10-130	4		30
2,3,4,6-Tetrachlorophenol	68		78		40-140	14		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 701-705 EAST FAYETTE ST.

Lab Number: L2540261

Project Number: 086328

Report Date: 07/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2085489-2 WG2085489-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		48		21-120
Phenol-d6	41		38		10-120
Nitrobenzene-d5	76		69		23-120
2-Fluorobiphenyl	61		60		15-120
2,4,6-Tribromophenol	73		78		10-120
4-Terphenyl-d14	67		69		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2540261

Report Date: 07/02/25

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): 01-05 QC Batch ID: WG2085489-6 WG2085489-7 QC Sample: L2540261-04 Client ID: MW-104												
Acenaphthene	ND	20	15	75		15	75		37-111	0		30
Hexachlorobenzene	ND	20	14	70		14	70		40-140	0		30
Bis(2-chloroethyl)ether	ND	20	16	80		15	75		40-140	6		30
2-Chloronaphthalene	ND	20	15	75		14	70		40-140	7		30
3,3'-Dichlorobenzidine	ND	20	13	65		14	70		40-140	7		30
2,4-Dinitrotoluene	ND	20	16	80		16	80		48-143	0		30
2,6-Dinitrotoluene	ND	20	17	85		16	80		40-140	6		30
Fluoranthene	ND	20	15	75		15	75		40-140	0		30
4-Chlorophenyl phenyl ether	ND	20	16	80		14	70		40-140	13		30
4-Bromophenyl phenyl ether	ND	20	15	75		14	70		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	20	16	80		15	75		40-140	6		30
Bis(2-chloroethoxy)methane	ND	20	15	75		14	70		40-140	7		30
Hexachlorobutadiene	ND	20	11	55		11	55		40-140	0		30
Hexachlorocyclopentadiene	ND	20	12.J	60		12.J	60		40-140	0		30
Hexachloroethane	ND	20	12	60		12	60		40-140	0		30
Isophorone	ND	20	16	80		14	70		40-140	13		30
Naphthalene	ND	20	14	70		14	70		40-140	0		30
Nitrobenzene	ND	20	16	80		16	80		40-140	0		30
NDPA/DPA	ND	20	15	75		15	75		40-140	0		30
n-Nitrosodi-n-propylamine	ND	20	16	80		15	75		29-132	6		30
Bis(2-ethylhexyl)phthalate	ND	20	20	100		19	95		40-140	5		30
Butyl benzyl phthalate	ND	20	20	100		20	100		40-140	0		30
Di-n-butylphthalate	ND	20	17	85		16	80		40-140	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2540261

Report Date: 07/02/25

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): 01-05 QC Batch ID: WG2085489-6 WG2085489-7 QC Sample: L2540261-04 Client ID: MW-104												
Di-n-octylphthalate	ND	20	22	110		22	110		40-140	0		30
Diethyl phthalate	ND	20	17	85		16	80		40-140	6		30
Dimethyl phthalate	ND	20	16	80		15	75		40-140	6		30
Benzo(a)anthracene	ND	20	17	85		17	85		40-140	0		30
Benzo(a)pyrene	ND	20	17	85		18	90		40-140	6		30
Benzo(b)fluoranthene	ND	20	19	95		19	95		40-140	0		30
Benzo(k)fluoranthene	ND	20	17	85		18	90		40-140	6		30
Chrysene	ND	20	16	80		16	80		40-140	0		30
Acenaphthylene	ND	20	16	80		15	75		45-123	6		30
Anthracene	ND	20	16	80		16	80		40-140	0		30
Benzo(ghi)perylene	ND	20	20	100		19	95		40-140	5		30
Fluorene	ND	20	16	80		15	75		40-140	6		30
Phenanthrene	ND	20	15	75		15	75		40-140	0		30
Dibenzo(a,h)anthracene	ND	20	20	100		20	100		40-140	0		30
Indeno(1,2,3-cd)pyrene	ND	20	22	110		22	110		40-140	0		30
Pyrene	ND	20	15	75		15	75		26-127	0		30
Biphenyl	ND	20	16	80		15	75		40-140	6		30
4-Chloroaniline	ND	20	15	75		14	70		40-140	7		30
2-Nitroaniline	ND	20	17	85		14	70		52-143	19		30
3-Nitroaniline	ND	20	15	75		16	80		25-145	6		30
4-Nitroaniline	ND	20	16	80		16	80		51-143	0		30
Dibenzofuran	ND	20	15	75		15	75		40-140	0		30
2-Methylnaphthalene	ND	20	15	75		15	75		40-140	0		30

Matrix Spike Analysis **Batch Quality Control**

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2540261

Report Date: 07/02/25

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): 01-05 QC Batch ID: WG2085489-6 WG2085489-7 QC Sample: L2540261-04 Client ID: MW-104												
1,2,4,5-Tetrachlorobenzene	ND	20	14	70		14	70		2-134	0		30
Acetophenone	ND	20	17	85		16	80		39-129	6		30
2,4,6-Trichlorophenol	ND	20	16	80		15	75		30-130	6		30
p-Chloro-m-cresol	ND	20	17	85		16	80		23-97	6		30
2-Chlorophenol	ND	20	15	75		15	75		27-123	0		30
2,4-Dichlorophenol	ND	20	16	80		15	75		30-130	6		30
2,4-Dimethylphenol	ND	20	15	75		14	70		30-130	7		30
2-Nitrophenol	ND	20	20	100		19	95		30-130	5		30
4-Nitrophenol	ND	20	9.7J	49		10	50		10-80	3		30
2,4-Dinitrophenol	ND	20	18.J	90		19.J	95		20-130	5		30
4,6-Dinitro-o-cresol	ND	20	20	100		20	100		20-164	0		30
Pentachlorophenol	ND	20	17	85		17	85		9-103	0		30
Phenol	ND	20	8.9	45		9.3	47		12-110	4		30
2-Methylphenol	ND	20	14	70		14	70		30-130	0		30
3-Methylphenol/4-Methylphenol	ND	20	15	75		15	75		30-130	0		30
2,4,5-Trichlorophenol	ND	20	16	80		15	75		30-130	6		30
Carbazole	ND	20	16	80		16	80		55-144	0		30
Atrazine	ND	20	20	100		19	95		40-140	5		30
Benzaldehyde	ND	20	20	100		20	100		40-140	0		30
Caprolactam	ND	20	12	60		12	60		10-130	0		30
2,3,4,6-Tetrachlorophenol	ND	20	17	85		14	70		40-140	19		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Lab Number: L2540261

Project Number: 086328

Report Date: 07/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatiles Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2085489-6 WG2085489-7 QC Sample: L2540261-04
Client ID: MW-104

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	82		76		10-120
2-Fluorobiphenyl	73		69		15-120
2-Fluorophenol	57		57		21-120
4-Terphenyl-d14	71		71		41-149
Nitrobenzene-d5	84		80		23-120
Phenol-d6	42		45		10-120

Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2540261-01A	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-01B	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-02A	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-02B	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-03A	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-03B	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-04A	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-04A1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-04A2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-04B	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-04B1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-04B2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-05A	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)
L2540261-05B	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7)

Project Name: 701-705 EAST FAYETTE ST.**Lab Number:** L2540261**Project Number:** 086328**Report Date:** 07/02/25

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: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2540261
Report Date: 07/02/25

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2540261
Report Date: 07/02/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were 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: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2540261
Report Date: 07/02/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

Page 1 of 2

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, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.:**17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, 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, 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.

Page 40 of 41



Sample Delivery Group Summary

Pace Job Number : L2540261

Received : 26-JUN-2025

Reviewer : Craig Sloma-Green

Account Name : CHA Companies

Project Number : 086328

Project Name : 701-705 EAST FAYETTE ST.

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.5	

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?	NA

APPENDIX F

Monitoring Well Sampling Logs

Signature(s) of Sampling Team: _____

APPENDIX C

EXAMPLE (Minimum Requirements)
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) <u>701 E. Fayette St.</u>		Depth to _____ / _____ of screen		Well depth: <u>24.75'</u>	
Well Number <u>MW-101</u> Date <u>6/26/25</u>		(below MP) top _____ bottom _____		Water depth: <u>16.01'</u>	
Field Personnel <u>Calvin Koenitzer</u>		Pump Intake at (ft. below MP) <u>~20'</u>			
Sampling Organization <u>Pace</u>		Purging Device; (pump type) <u>peristaltic</u>			
Identify MP <u>Top of PVC</u>		Total Volume Purged <u>~2.0 gal</u>			

Clock Time 24 HR	Water Depth below MP ft	Pump Dial ¹	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond. ² µS/cm	pH	ORP ³ mv	DO mg/L	Turbidity NTU	Comments
0925	16.01'		~250		15.1	3481	7.04	138.1	1.87	184.51	
0930	16.01		~250		14.9	3395	7.08	127.9	0.93	132.60	
0935	16.01		~250		14.7	3112	7.13	102.9	0.69	65.60	
0940	16.01'		~250		14.5	2994	7.13	83.2	0.65	57.75	
0945	16.01		~250		14.6	2897	7.12	60.1	0.69	50.46	
0950	16.01		~250		14.6	2884	7.11	49.0	0.62	33.15	
0955	16.01		~250		14.6	2872	7.11	43.9	0.55	31.33	
1000	16.01		~250		14.5	2850	7.10	39.3	0.49	34.29	
1005	16.01		~250		14.5	2849	7.10	34.3	0.45	38.66	

Stabilization Criteria	3% 3% ±0.1 ±10 mv;	10% 10%

1. Pump dial setting (for example: hertz, cycles/min, etc).

2. µSiemens per cm (same as µmhos/cm) at 25°C.

3. Oxidation reduction potential (ORP)

APPENDIX C

EXAMPLE (Minimum Requirements)
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) <u>701 E. Fayette St.</u>						Depth to _____ / _____ of screen <u>Well depth: 24.35'</u> (below MP) top bottom <u>Water depth: 15.5'</u>					
Well Number <u>MW-102</u> Date <u>6/26/25</u>						Pump Intake at (ft. below MP) <u>~20'</u>					
Field Personnel <u>Calvin Keenitz et</u>						Purging Device; (pump type) <u>peristaltic</u>					
Sampling Organization <u>Pace</u>						Total Volume Purged <u>~1.3 gal</u>					
Identify MP <u>Top of PVC</u>											

Clock Time 24 HR	Water Depth below MP ft	Pump Dial ¹	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond. ² µS/cm	pH	ORP ³ mv	DO mg/L	Turbidity NTU	Comments
1125	15.56		~250		14.4	3412	7.16	34.2	4.12	5.18	
1130	15.57		~250		14.4	3046	7.22	129.3	4.02	11.97	
1135	15.58		~250		14.4	2885	7.19	128.7	4.74	14.57	
1140	15.57		~250		14.4	2865	7.18	127.3	4.75	9.20	
1145	15.57		~250		14.4	2848	7.18	126.4	4.75	6.91	
1150	15.58		~250		14.4	2843	7.19	126.2	4.65	4.49	

Stabilization Criteria

- 3% 3% ±0.1 ±10 mv, 10% 10%
1. Pump dial setting (for example: hertz, cycles/min, etc).
 2. µSiemens per cm (same as µmhos/cm) at 25°C.
 3. Oxidation reduction potential (ORP)

APPENDIX C

EXAMPLE (Minimum Requirements)
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 701 E. Fayette St.
 Well Number MW-103 Date 6/26/25
 Field Personnel Calvin Koenitzer
 Sampling Organization Pace
 Identify MP TOP of PVC

Depth to _____ / _____ of screen Well depth: 24.56'
 (below MP) top bottom Water depth: 17.13'
 Pump Intake at (ft. below MP) ~20'
 Purging Device; (pump type) peristaltic
 Total Volume Purged ~1.4 gal

Clock Time 24 HR	Water Depth below MP ft	Pump Dial ¹	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond. ² µS/cm	pH	ORP ³ mv	DO mg/L	Turbidity NTU	Comments
1210	17.14		~250		15.2	3138	7.50	126.4	9.84	20.06	
1215	17.14		~250		14.3	3025	7.38	120.2	1.05	29.44	
1220	17.14		~250		14.1	2979	7.37	118.2	1.46	18.05	
1225	17.14		~250		14.1	2944	7.36	117.3	1.83	14.32	
1230	17.15		~250		14.2	2905	7.34	115.2	2.14	16.02	
1235	17.15		~250		14.2	2890	7.33	114.7	2.16	10.93	
1240	17.15		~250		14.2	2878	7.33	113.5	2.21	14.93	

Stabilization Criteria

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm (same as µmhos/cm) at 25°C.
3. Oxidation reduction potential (ORP)

3% 3% ±0.1 ±10 mv, 10% 10%

EXAMPLE (Minimum Requirements)
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Depth to _____ / _____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP) ~20'
Purging Device; (pump type) peristaltic
Total Volume Purged ~1.4 gal

[illegible]

Stabilization Criteria

3% | 3% $\pm 0.1 \pm 10 \text{ mv}$ 10% 10%

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. μ Siemens per cm (same as μ mhos/cm) at 25°C.
3. Oxidation reduction potential (ORP)

APPENDIX G

Data Usability Summary Reports



Geology

Hydrology

Remediation

Water Supply

June 20, 2025

Ms. Samantha Miller, PE
Section Manager I
CHA
III Winners Circle
P.O. Box 5269
Albany, New York 12205

Re: Data Validation Report
GW Syracuse Project
April 2025 Soil and Ground Water Sampling Events

Dear Ms. Miller:

The data usability summary report (DUSR) and validation summaries are attached to this letter for the GW Syracuse, April 2025 soil and ground water sampling events. The data for Pace Analytical Services SDG No: L2524225 were mostly acceptable, with issues that are identified in the DUSR and QA/QC reviews. There are data that are qualified as rejected (R) in the data pack. 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 data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist CHA.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

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Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2524225**

**6 Soil Samples, 5 Aqueous Samples, 2 Field Duplicates,
1 Oil Sample, 1 Field Blank, 1 Equipment Blank,
and 1 Trip Blank
Collected April 18-24, 2025**

Prepared by: Donald Anné
June 20, 2025

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-volatiles, and arsenic analyses for 18 soil samples and 1 field duplicate, and the results of TCLP volatiles, TCLP semi-volatiles, TCLP pesticides, TCLP herbicides, TCLP metals, PCBs, reactive cyanide, and reactive sulfide for 1 soil sample.

The overall performances of the analyses are acceptable. Alpha Analytical Labs did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The volatile results for m/p-xylene in samples CHA-2 and SOIL-WC-1 were quantitated using data that were extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The results for m/p-xylene marked “E” in the undiluted samples were qualified as estimated (J).
- The volatile result for toluene in sample CHA-2 was quantitated using data that was extrapolated beyond the highest calibration standard and flagged “E” by the laboratory. The results for toluene marked “E” in the undiluted sample was qualified as estimated (J).
- The positive volatile results for 5 compounds were qualified as “estimated, biased low” (J-) for sample SOIL-104_8-10 because the 2 of 2 percent recoveries for these 5 compounds were below QC limits, but not below 10% in the soil MS/MSD sample.
- The “not detected” volatile results for 9 compounds were qualified as “estimated” (UJ) for sample SOIL-104_8-10 because the 2 of 2 percent recoveries for these 9 compounds were below QC limits, but not below 10% in the soil MS/MSD sample.

DUSR

SDG Number: L2524225

- Positive volatile results for acetone were qualified as “not detected” (U) for samples MW-101-20250424, CHA-1-20250424, MW-102-20250424, MW-104-20250424, and WATER-WC-1 because the level reported in the samples were not significantly greater than (more than 10 times) the highest associated blank level.
- The “not detected” volatile result for methyl cyclohexane was qualified as “estimated” (UJ) for sample MW102-20250424 because the 1 of 2 percent recoveries for methyl cyclohexane was below QC limits, but not below 30% in the aqueous MS/MSD sample.
- The positive volatile result for acetone was qualified as estimated (J) for sample EQ-BLANK-20250424 because the %D for acetone was above the allowable maximum for the associated continuing calibration verification sample.
- The positive volatile results for 8 compounds were qualified as estimated (J) for samples SOIL-103_16-18 and CHA-2 because the relative percent differences for these 8 compounds were above the allowable maximum for the soil field duplicate pair SOIL-103_16-18/CHA-2.
- The “not detected” semi-volatile results for hexachlorocyclopentadiene and 4-chloroaniline were qualified as “estimated” (UJ) for samples SOIL-102_1-2, SOIL-102_4-5, CHA-1, and SOIL-101_1-2 because the 1 or 2 percent recoveries for hexachlorocyclopentadiene and 4-chloroaniline were below QC limits, but not below 10% in the associated soil LCS/LCSD.
- The “not detected” semi-volatile result for 4-chloroaniline was qualified as “estimated” (UJ) for sample SOIL-101_4-5 because the 1 of 2 percent recoveries for 4-chloroaniline was below QC limits, but not below 10% in the associated soil LCS/LCSD.
- The “not detected” semi-volatile results for 2,4-dinitrotoluene, 2,6-dinitrotoluene, and 2-nitrophenol were qualified as “estimated” (UJ) for sample SOIL-101_4-5 because the 1 of 2 percent recoveries for 2,4-dinitrotoluene, 2,6-dinitrotoluene, and 2-nitrophenol were below QC limits, but not below 10% in the soil MS/MSD sample.
- The “not detected” semi-volatile results for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were qualified as “rejected, unusable” (R) for sample SOIL-101_4-5 because the 2 of 2 percent recoveries for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were below QC limits and below 10% in the soil MS/MSD sample.
- The positive PCB result for aroclor 1242 was qualified as “estimated, biased high” (J+) for sample WATER-WC-1 because the %RPD for dual column quantitation of aroclor 1242 was above the allowable maximum, but not above 70% and the higher result was reported.

- The positive PFAS result for PFOA was qualified as “not detected” (U) at the reporting limits for sample SOIL-102_1-2 because the sample was associated with a blank containing PFOA and reported concentration for PFOA was below the reporting limits.
- The positive PFAS result for PFOS was qualified as “not detected” (U) at the reporting limits for sample MW-102-20250424 because the sample was associated with a blank containing PFOS and reported concentration for PFOS was below the reporting limits.
- The positive PFAS results for PFOS were qualified as “estimated, biased high” (J+) for samples MW-101-20250424, CHA-1-20250424, and MW-103-20250424 because the results for PFOS were above the reporting limits but not greater than 10 times the associated blank levels.
- The positive metal results for cadmium, lead, manganese, mercury, and zinc were qualified as estimated (J) for samples SOIL-102_4-5 and CHA-1 because the relative percent differences for cadmium, lead, manganese, mercury, and zinc were above the allowable maximum for the soil field duplicate pair SOIL-102_4-5/CHA-1.
- The “not detected” metal results for antimony and selenium were qualified as estimated (UJ) for all 4 soil samples and the field duplicate because 1 or 2 percent recoveries for antimony and selenium were below control limits, but not below 10% in the associated soil MS/MSD sample.
- Positive metal results for copper and iron were qualified as “not detected” (U) for all 4 aqueous samples and the field duplicate because the level reported in the samples were not significantly greater than (more than 5 times) the highest associated blank level.

All data are 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

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06 D
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/01/25 05:15
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	27000	12000	100
1,1-Dichloroethane	ND		ug/kg	5400	790	100
Chloroform	ND		ug/kg	8200	760	100
Carbon tetrachloride	ND		ug/kg	5400	1200	100
1,2-Dichloropropane	ND		ug/kg	5400	680	100
Dibromochloromethane	ND		ug/kg	5400	760	100
1,1,2-Trichloroethane	ND		ug/kg	5400	1400	100
Tetrachloroethene	ND		ug/kg	2700	1100	100
Chlorobenzene	ND		ug/kg	2700	690	100
Trichlorofluoromethane	ND		ug/kg	22000	3800	100
1,2-Dichloroethane	ND		ug/kg	5400	1400	100
1,1,1-Trichloroethane	ND		ug/kg	2700	910	100
Bromodichloromethane	ND		ug/kg	2700	590	100
trans-1,3-Dichloropropene	ND		ug/kg	5400	1500	100
cis-1,3-Dichloropropene	ND		ug/kg	2700	860	100
Bromoform	ND		ug/kg	22000	1300	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	2700	900	100
Benzene	170000	J	ug/kg	2700	900	100
Toluene	1300000	J	ug/kg	5400	3000	100
Ethylbenzene	480000	J	ug/kg	5400	770	100
Chloromethane	ND		ug/kg	22000	5100	100
Bromomethane	ND		ug/kg	11000	3200	100
Vinyl chloride	ND		ug/kg	5400	1800	100
Chloroethane	ND		ug/kg	11000	2500	100
1,1-Dichloroethene	ND		ug/kg	5400	1300	100
trans-1,2-Dichloroethene	ND		ug/kg	8200	750	100
Trichloroethene	ND		ug/kg	2700	750	100
1,2-Dichlorobenzene	ND		ug/kg	11000	780	100



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06 D
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	11000	810	100
1,4-Dichlorobenzene	ND		ug/kg	11000	930	100
Methyl tert butyl ether	ND		ug/kg	11000	1100	100
p/m-Xylene	2000000 J		ug/kg	11000	3000	100
o-Xylene	790000 J		ug/kg	5400	1600	100
cis-1,2-Dichloroethene	ND		ug/kg	5400	960	100
Styrene	1500	J	ug/kg	5400	1100	100
Dichlorodifluoromethane	ND		ug/kg	54000	5000	100
Acetone	ND		ug/kg	54000	26000	100
Carbon disulfide	ND		ug/kg	54000	25000	100
2-Butanone	ND		ug/kg	54000	12000	100
4-Methyl-2-pentanone	ND		ug/kg	54000	7000	100
2-Hexanone	ND		ug/kg	54000	6400	100
Bromochloromethane	ND		ug/kg	11000	1100	100
1,2-Dibromoethane	ND		ug/kg	5400	1500	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	16000	5400	100
Isopropylbenzene	83000 J		ug/kg	5400	590	100
1,2,3-Trichlorobenzene	ND		ug/kg	11000	1800	100
1,2,4-Trichlorobenzene	ND		ug/kg	11000	1500	100
Methyl Acetate	ND		ug/kg	22000	5200	100
Cyclohexane	200000 J		ug/kg	54000	3000	100
1,4-Dioxane	ND		ug/kg	440000	190000	100
Freon-113	ND		ug/kg	22000	3800	100
Methyl cyclohexane	240000 J		ug/kg	22000	3300	100

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06 D
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	4550000	J	ug/kg			100
Unknown Benzene	367000	J	ug/kg			100
Unknown Aromatic	313000	J	ug/kg			100
Unknown Benzene	325000	J	ug/kg			100
Unknown Benzene	351000	J	ug/kg			100
Pentane, 2-methyl-	503000	NJ	ug/kg			100
Unknown	322000	J	ug/kg			100
Unknown Benzene	443000	J	ug/kg			100
Unknown Benzene	322000	J	ug/kg			100
Unknown Benzene	1350000	J	ug/kg			100
n-Hexane	249000	NJ	ug/kg			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	78		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-07
Client ID: SOIL-103_23-25
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/01/25 05:41
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	0.15	J	ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	13		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-07
Client ID: SOIL-103_23-25
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.9	0.92	1
Cyclohexane	ND		ug/kg	9.7	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.67	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-08 D2
 Client ID: CHA-2
 Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:30
 Date Received: 04/18/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 05/02/25 14:28
 Analyst: JIC
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Toluene	730000	J	ug/kg	5800	3100	100
p/m-Xylene	1100000	J	ug/kg	12000	3200	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-08 D
Client ID: CHA-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/02/25 14:08
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	7200	3300	25
1,1-Dichloroethane	ND		ug/kg	1400	210	25
Chloroform	ND		ug/kg	2200	200	25
Carbon tetrachloride	ND		ug/kg	1400	330	25
1,2-Dichloropropane	ND		ug/kg	1400	180	25
Dibromochloromethane	ND		ug/kg	1400	200	25
1,1,2-Trichloroethane	ND		ug/kg	1400	390	25
Tetrachloroethene	ND		ug/kg	720	280	25
Chlorobenzene	ND		ug/kg	720	180	25
Trichlorofluoromethane	ND		ug/kg	5800	1000	25
1,2-Dichloroethane	ND		ug/kg	1400	370	25
1,1,1-Trichloroethane	ND		ug/kg	720	240	25
Bromodichloromethane	ND		ug/kg	720	160	25
trans-1,3-Dichloropropene	ND		ug/kg	1400	390	25
cis-1,3-Dichloropropene	ND		ug/kg	720	230	25
Bromoform	ND		ug/kg	5800	360	25
1,1,2,2-Tetrachloroethane	ND		ug/kg	720	240	25
Benzene	76000	J	ug/kg	720	240	25
Toluene	680000	J E	ug/kg	1400	780	25
Ethylbenzene	230000	J	ug/kg	1400	200	25
Chloromethane	ND		ug/kg	5800	1300	25
Bromomethane	ND		ug/kg	2900	840	25
Vinyl chloride	ND		ug/kg	1400	480	25
Chloroethane	ND		ug/kg	2900	650	25
1,1-Dichloroethene	ND		ug/kg	1400	340	25
trans-1,2-Dichloroethene	ND		ug/kg	2200	200	25
Trichloroethene	ND		ug/kg	720	200	25
1,2-Dichlorobenzene	ND		ug/kg	2900	210	25



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-08 D
Client ID: CHA-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:30
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2900	210	25
1,4-Dichlorobenzene	ND		ug/kg	2900	250	25
Methyl tert butyl ether	ND		ug/kg	2900	290	25
p/m-Xylene	1000000	J E	ug/kg	2900	810	25
o-Xylene	370000	J	ug/kg	1400	420	25
cis-1,2-Dichloroethene	ND		ug/kg	1400	250	25
Styrene	790	J	ug/kg	1400	280	25
Dichlorodifluoromethane	ND		ug/kg	14000	1300	25
Acetone	ND		ug/kg	14000	7000	25
Carbon disulfide	ND		ug/kg	14000	6600	25
2-Butanone	ND		ug/kg	14000	3200	25
4-Methyl-2-pentanone	ND		ug/kg	14000	1800	25
2-Hexanone	ND		ug/kg	14000	1700	25
Bromochloromethane	ND		ug/kg	2900	300	25
1,2-Dibromoethane	ND		ug/kg	1400	400	25
1,2-Dibromo-3-chloropropane	ND		ug/kg	4300	1400	25
Isopropylbenzene	49000	J	ug/kg	1400	160	25
1,2,3-Trichlorobenzene	ND		ug/kg	2900	460	25
1,2,4-Trichlorobenzene	ND		ug/kg	2900	390	25
Methyl Acetate	ND		ug/kg	5800	1400	25
Cyclohexane	40000	J	ug/kg	14000	790	25
1,4-Dioxane	ND		ug/kg	120000	51000	25
Freon-113	ND		ug/kg	5800	1000	25
Methyl cyclohexane	140000	J	ug/kg	5800	870	25

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-08 D
 Client ID: CHA-2
 Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:30
 Date Received: 04/18/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	1500000	J	ug/kg	25
Heptane	118000	NJ	ug/kg	25
Heptane, 3-methyl-	184000	NJ	ug/kg	25
Pentane, 2-methyl-	241000	NJ	ug/kg	25
Hexane, 2-methyl-	160000	NJ	ug/kg	25
Unknown Benzene	88000	J	ug/kg	25
Unknown	116000	J	ug/kg	25
Cyclopentane, Methyl-	130000	NJ	ug/kg	25
Hexane, 3-methyl-	213000	NJ	ug/kg	25
Unknown Alkane	109000	J	ug/kg	25
n-Hexane	138000	NJ	ug/kg	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	91		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/01/25 17:56
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	57	8.3	1
Chloroform	ND		ug/kg	86	8.0	1
Carbon tetrachloride	ND		ug/kg	57	13.	1
1,2-Dichloropropane	ND		ug/kg	57	7.2	1
Dibromochloromethane	ND		ug/kg	57	8.0	1
1,1,2-Trichloroethane	ND		ug/kg	57	15.	1
Tetrachloroethene	ND		ug/kg	29	11.	1
Chlorobenzene	ND	UJ	ug/kg	29	7.3	1
Trichlorofluoromethane	ND	UJ	ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	57	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.6	1
Bromodichloromethane	ND		ug/kg	29	6.2	1
trans-1,3-Dichloropropene	ND		ug/kg	57	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.0	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.5	1
Benzene	240		ug/kg	29	9.5	1
Toluene	5800	J-	ug/kg	57	31.	1
Ethylbenzene	2300	J-	ug/kg	57	8.1	1
Chloromethane	ND		ug/kg	230	53.	1
Bromomethane	ND		ug/kg	110	33.	1
Vinyl chloride	ND		ug/kg	57	19.	1
Chloroethane	ND	UJ	ug/kg	110	26.	1
1,1-Dichloroethene	ND		ug/kg	57	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	86	7.8	1
Trichloroethene	ND		ug/kg	29	7.8	1
1,2-Dichlorobenzene	ND	UJ	ug/kg	110	8.2	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND	UJ	ug/kg	110	8.5	1
1,4-Dichlorobenzene	ND	UJ	ug/kg	110	9.8	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	10000	J-	ug/kg	110	32.	1
o-Xylene	3800	J-	ug/kg	57	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	57	10.	1
Styrene	ND	UJ	ug/kg	57	11.	1
Dichlorodifluoromethane	ND		ug/kg	570	52.	1
Acetone	ND		ug/kg	570	280	1
Carbon disulfide	ND		ug/kg	570	260	1
2-Butanone	ND		ug/kg	570	130	1
4-Methyl-2-pentanone	ND		ug/kg	570	73.	1
2-Hexanone	ND		ug/kg	570	67.	1
Bromochloromethane	ND		ug/kg	110	12.	1
1,2-Dibromoethane	ND		ug/kg	57	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	57.	1
Isopropylbenzene	300	J-	ug/kg	57	6.2	1
1,2,3-Trichlorobenzene	ND	UJ	ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND	UJ	ug/kg	110	16.	1
Methyl Acetate	ND		ug/kg	230	54.	1
Cyclohexane	1700		ug/kg	570	31.	1
1,4-Dioxane	ND		ug/kg	4600	2000	1
Freon-113	ND		ug/kg	230	40.	1
Methyl cyclohexane	1300		ug/kg	230	34.	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	26300	J	ug/kg			1
Unknown Benzene	1660	J	ug/kg			1
Pentane, 2-methyl-	4260	NJ	ug/kg			1
Unknown Alkane	1960	J	ug/kg			1
n-Hexane	2240	NJ	ug/kg			1
Unknown Benzene	1770	J	ug/kg			1
Unknown	1750	J	ug/kg			1
Hexane, 3-methyl-	2290	NJ	ug/kg			1
Unknown Cycloalkane	2100	J	ug/kg			1
Unknown Alkane	1830	J	ug/kg			1
Unknown Benzene	6400	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	82		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-10
Client ID: SOIL-104_18-20
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/02/25 15:55
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	0.14	J	ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	ND		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	3.7		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-10
Client ID: SOIL-104_18-20
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.17	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	ND		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.0	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.3	0.78	1
Cyclohexane	ND		ug/kg	8.3	0.45	1
1,4-Dioxane	ND		ug/kg	66	29.	1
Freon-113	ND		ug/kg	3.3	0.57	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	92		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 22:07
Analyst: KAB

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	4.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
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	1.8	U 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	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 22:33
Analyst: KAB

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	4.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	2.3	U 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	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/06/25 00:17
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.8		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	2.8		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	2.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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	2.1	U 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	UU	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	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 22:59
Analyst: KAB

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	6.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	96		70-130
Dibromofluoromethane	104		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/06/25 08:40
Analyst: PID

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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	2.9	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	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 23:25
Analyst: KAB

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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	4.8	J J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	3.4	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	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/05/25 23:51
Analyst: KAB

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	1.1	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	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	0.73	J	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	34		ug/l	0.50	0.16	1
Toluene	96		ug/l	2.5	0.70	1
Ethylbenzene	14		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	22		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
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	56		ug/l	2.5	0.70	1
o-Xylene	27		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	6.4	U	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	1.7	J	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	7.6	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	10		ug/l	10	0.40	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	103	J	ug/l			1
n-Hexane	4.50	NJ	ug/l			1
Unknown Benzene	6.43	J	ug/l			1
Unknown Alkane	3.51	J	ug/l			1
Benzene, fluoro-	10.0	NJ	ug/l			1
Indane	6.75	NJ	ug/l			1
Unknown	3.49	J	ug/l			1
Unknown	6.05	J	ug/l			1
Pentane	12.0	NJ	ug/l			1
Unknown	5.34	J	ug/l			1
Unknown	25.5	J	ug/l			1
Unknown	15.9	J	ug/l			1
Unknown	3.51	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-18
Client ID: TRIP BLANKS
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 00:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/06/25 10:24
Analyst: MJV

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-18
Client ID: TRIP BLANKS
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 00:00
Date Received: 04/25/25
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	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
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	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/06/25 10:50
Analyst: KJD

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	18		ug/l	0.50	0.16	1
Toluene	63		ug/l	2.5	0.70	1
Ethylbenzene	10		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	8.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
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	43		ug/l	2.5	0.70	1
o-Xylene	19		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.4	U	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	7.3		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	1.2	J	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	3.8	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	4.8	J	ug/l	10	0.40	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	86.8	J	ug/l			1
Pentane	6.35	NJ	ug/l			1
Unknown Benzene	17.6	J	ug/l			1
Cyclopentane, Methyl-	8.35	NJ	ug/l			1
Unknown Benzene	5.14	J	ug/l			1
Pentane, 2-methyl-	16.2	NJ	ug/l			1
Pentane, 3-methyl-	6.58	NJ	ug/l			1
Unknown	11.2	J	ug/l			1
Unknown	6.00	J	ug/l			1
Unknown	6.23	J	ug/l			1
n-Hexane	3.19	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/02/25 23:05
Analyst: MCM
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/01/25 07:52

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	99		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	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	80		70-130
dibromofluoromethane	85		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/08/25 21:42
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	75	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	75	17.	1
1,2-Dichloropropane	ND		ug/kg	75	9.4	1
Dibromochloromethane	ND		ug/kg	75	10.	1
1,1,2-Trichloroethane	ND		ug/kg	75	20.	1
Tetrachloroethene	ND		ug/kg	37	15.	1
Chlorobenzene	ND		ug/kg	37	9.5	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	75	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.2	1
trans-1,3-Dichloropropene	ND		ug/kg	75	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	1200		ug/kg	37	12.	1
Toluene	20000		ug/kg	75	41.	1
Ethylbenzene	11000		ug/kg	75	10.	1
Chloromethane	ND		ug/kg	300	70.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	75	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	75	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	ND		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
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/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	46000	J E	ug/kg	150	42.	1
o-Xylene	18000		ug/kg	75	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	75	13.	1
Styrene	43	J	ug/kg	75	15.	1
Dichlorodifluoromethane	ND		ug/kg	750	68.	1
Acetone	ND		ug/kg	750	360	1
Carbon disulfide	ND		ug/kg	750	340	1
2-Butanone	ND		ug/kg	750	170	1
4-Methyl-2-pentanone	ND		ug/kg	750	96.	1
2-Hexanone	ND		ug/kg	750	88.	1
Bromochloromethane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	75	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	75.	1
Isopropylbenzene	2300		ug/kg	75	8.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
Methyl Acetate	ND		ug/kg	300	71.	1
Cyclohexane	ND		ug/kg	750	41.	1
1,4-Dioxane	ND		ug/kg	6000	2600	1
Freon-113	ND		ug/kg	300	52.	1
Methyl cyclohexane	8300		ug/kg	300	45.	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	67900	J	ug/kg	1
Hexane, 3-methyl-	10100	NJ	ug/kg	1
Hexane, 2-methyl-	7890	NJ	ug/kg	1
Pentane, 2-methyl-	11000	NJ	ug/kg	1
Cyclopentane, Methyl-	5200	NJ	ug/kg	1
Hexane, 2,4-dimethyl-	3620	NJ	ug/kg	1
Unknown Benzene	4290	J	ug/kg	1
Unknown	5790	J	ug/kg	1
Heptane, 2-methyl-	5410	NJ	ug/kg	1
n-Hexane	6520	NJ	ug/kg	1
Heptane, 3-methyl-	8090	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	86		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20 D
 Client ID: SOIL-WC-1
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 05/07/25 17:14
 Analyst: JIC
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	41000		ug/kg	750	210	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Oil
Analytical Method: 1,8260D
Analytical Date: 05/09/25 16:53
Analyst: JIC
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	2300	1000	1
1,1-Dichloroethane	ND		ug/kg	460	66.	1
Chloroform	ND		ug/kg	690	64.	1
Carbon tetrachloride	ND		ug/kg	460	100	1
1,2-Dichloropropane	ND		ug/kg	460	57.	1
Dibromochloromethane	ND		ug/kg	460	64.	1
1,1,2-Trichloroethane	ND		ug/kg	460	120	1
Tetrachloroethene	ND		ug/kg	230	90.	1
Chlorobenzene	ND		ug/kg	230	58.	1
Trichlorofluoromethane	ND		ug/kg	1800	320	1
1,2-Dichloroethane	ND		ug/kg	460	120	1
1,1,1-Trichloroethane	ND		ug/kg	230	77.	1
Bromodichloromethane	ND		ug/kg	230	50.	1
trans-1,3-Dichloropropene	ND		ug/kg	460	120	1
cis-1,3-Dichloropropene	ND		ug/kg	230	72.	1
Bromoform	ND		ug/kg	1800	110	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	230	76.	1
Benzene	94	J	ug/kg	230	76.	1
Toluene	ND		ug/kg	460	250	1
Ethylbenzene	200	J	ug/kg	460	65.	1
Chloromethane	ND		ug/kg	1800	430	1
Bromomethane	ND		ug/kg	920	270	1
Vinyl chloride	ND		ug/kg	460	150	1
Chloroethane	ND		ug/kg	920	210	1
1,1-Dichloroethene	ND		ug/kg	460	110	1
trans-1,2-Dichloroethene	ND		ug/kg	690	63.	1
Trichloroethene	160	J	ug/kg	230	63.	1
1,2-Dichlorobenzene	ND		ug/kg	920	66.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
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/kg	920	68.	1
1,4-Dichlorobenzene	ND		ug/kg	920	78.	1
Methyl tert butyl ether	ND		ug/kg	920	92.	1
p/m-Xylene	690	J	ug/kg	920	260	1
o-Xylene	430	J	ug/kg	460	130	1
cis-1,2-Dichloroethene	ND		ug/kg	460	80.	1
Styrene	ND		ug/kg	460	90.	1
Dichlorodifluoromethane	ND		ug/kg	4600	420	1
Acetone	ND		ug/kg	4600	2200	1
Carbon disulfide	ND		ug/kg	4600	2100	1
2-Butanone	1300	J	ug/kg	4600	1000	1
4-Methyl-2-pentanone	ND		ug/kg	4600	590	1
2-Hexanone	ND		ug/kg	4600	540	1
Bromochloromethane	ND		ug/kg	920	94.	1
1,2-Dibromoethane	ND		ug/kg	460	130	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1400	460	1
Isopropylbenzene	ND		ug/kg	460	50.	1
1,2,3-Trichlorobenzene	ND		ug/kg	920	150	1
1,2,4-Trichlorobenzene	ND		ug/kg	920	120	1
Methyl Acetate	ND		ug/kg	1800	440	1
Cyclohexane	ND		ug/kg	4600	250	1
1,4-Dioxane	ND		ug/kg	37000	16000	1
Freon-113	ND		ug/kg	1800	320	1
Methyl cyclohexane	ND		ug/kg	1800	280	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	290000	J	ug/kg			9.174
Unknown Aromatic	23600	J	ug/kg			9.174
Unknown Aromatic	39000	J	ug/kg			9.174
Unknown Naphthalene	16300	J	ug/kg			9.174
Unknown Aromatic	41800	J	ug/kg			9.174
Unknown	45700	J	ug/kg			9.174
Unknown Aromatic	14000	J	ug/kg			9.174
Unknown	20300	J	ug/kg			9.174
Unknown Aromatic	14400	J	ug/kg			9.174
Unknown	29200	J	ug/kg			9.174
Unknown Aromatic	45400	J	ug/kg			9.174

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	111		70-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/14/25 12:28
Analyst: CAP
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.020	1
Perfluorooctanoic Acid (PFOA)	ND	U	ng/g	0.198	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.127	J	ng/g	0.198	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.257	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.021	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.363	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
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				8-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	115				35-130	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	105				40-135	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97				40-165	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	116				40-130	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	114				40-130	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	99				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)	99				40-215	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	107				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	123				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	100				40-275	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	108				40-135	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	132			Q	40-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	111				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	97				40-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	123				40-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	117				20-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	118				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	85				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	91				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	105				20-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	107				15-130	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01 D
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 15:23
Analyst: SMZ
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	180	10
Hexachlorobenzene	ND		ug/kg	1000	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1700	170	10
3,3'-Dichlorobenzidine	ND		ug/kg	1700	460	10
2,4-Dinitrotoluene	ND		ug/kg	1700	350	10
2,6-Dinitrotoluene	ND		ug/kg	1700	300	10
Fluoranthene	870	J	ug/kg	1000	200	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	180	10
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	300	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	170	10
Hexachlorobutadiene	ND		ug/kg	1700	250	10
Hexachlorocyclopentadiene	ND	UJ	ug/kg	5000	1600	10
Hexachloroethane	ND		ug/kg	1400	280	10
Isophorone	ND		ug/kg	1600	220	10
Naphthalene	ND		ug/kg	1700	210	10
Nitrobenzene	ND		ug/kg	1600	260	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	270	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1700	600	10
Butyl benzyl phthalate	ND		ug/kg	1700	440	10
Di-n-butylphthalate	ND		ug/kg	1700	330	10
Di-n-octylphthalate	ND		ug/kg	1700	590	10
Diethyl phthalate	ND		ug/kg	1700	160	10
Dimethyl phthalate	ND		ug/kg	1700	360	10
Benzo(a)anthracene	410	J	ug/kg	1000	200	10
Benzo(a)pyrene	530	J	ug/kg	1400	420	10



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01 D
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	720	J	ug/kg	1000	290	10
Benzo(k)fluoranthene	ND		ug/kg	1000	280	10
Chrysene	440	J	ug/kg	1000	180	10
Acenaphthylene	ND		ug/kg	1400	270	10
Anthracene	ND		ug/kg	1000	340	10
Benzo(ghi)perylene	520	J	ug/kg	1400	200	10
Fluorene	ND		ug/kg	1700	170	10
Phenanthrene	440	J	ug/kg	1000	210	10
Dibenzo(a,h)anthracene	ND		ug/kg	1000	200	10
Indeno(1,2,3-cd)pyrene	450	J	ug/kg	1400	240	10
Pyrene	950	J	ug/kg	1000	170	10
Biphenyl	ND		ug/kg	4000	220	10
4-Chloroaniline	ND		ug/kg	1700	320	10
2-Nitroaniline	ND		ug/kg	1700	330	10
3-Nitroaniline	ND		ug/kg	1700	330	10
4-Nitroaniline	ND	UJ	ug/kg	1700	720	10
Dibenzofuran	ND		ug/kg	1700	160	10
2-Methylnaphthalene	ND		ug/kg	2100	210	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	180	10
Acetophenone	ND		ug/kg	1700	210	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	330	10
p-Chloro-m-cresol	ND		ug/kg	1700	260	10
2-Chlorophenol	ND		ug/kg	1700	200	10
2,4-Dichlorophenol	ND		ug/kg	1600	280	10
2,4-Dimethylphenol	ND		ug/kg	1700	570	10
2-Nitrophenol	ND		ug/kg	3800	650	10
4-Nitrophenol	ND		ug/kg	2400	710	10
2,4-Dinitrophenol	ND		ug/kg	8300	810	10
4,6-Dinitro-o-cresol	ND		ug/kg	4500	830	10
Pentachlorophenol	ND		ug/kg	1400	380	10
Phenol	ND		ug/kg	1700	260	10
2-Methylphenol	ND		ug/kg	1700	270	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2500	270	10
2,4,5-Trichlorophenol	ND		ug/kg	1700	330	10
Carbazole	ND		ug/kg	1700	170	10
Atrazine	ND		ug/kg	1400	610	10
Benzaldehyde	ND		ug/kg	2300	470	10



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-01 D
Client ID: SOIL-102_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:00
Date Received: 04/18/25
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	1700	530	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1700	350	10
1,4-Dioxane	ND		ug/kg	260	80.	10

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	38		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	47		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-02
Client ID: SOIL-102_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 15:45
Analyst: SMZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	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	33.	1
Fluoranthene	2000	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND	UU	ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	62	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	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	960	J	ug/kg	120	22.	1
Benzo(a)pyrene	1000	J	ug/kg	160	48.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-02
Client ID: SOIL-102_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1300	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	440	J	ug/kg	120	31.	1
Chrysene	940	J	ug/kg	120	20.	1
Acenaphthylene	76	J	ug/kg	160	30.	1
Anthracene	330		ug/kg	120	38.	1
Benzo(ghi)perylene	680	J	ug/kg	160	23.	1
Fluorene	110	J	ug/kg	200	19.	1
Phenanthrene	1400	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	160	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	690	J	ug/kg	160	27.	1
Pyrene	1700	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND	UU	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	75	J	ug/kg	200	18.	1
2-Methylnaphthalene	34	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	170	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-02
Client ID: SOIL-102_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 09:10
Date Received: 04/18/25
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	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Tentatively Identified Compounds

Total TIC Compounds	1890	J	ug/kg			1
Unknown Ketone	229	J	ug/kg			1
Unknown	194	J	ug/kg			1
Unknown PAH	252	J	ug/kg			1
Unknown PAH	195	J	ug/kg			1
Unknown PAH	741	J	ug/kg			1
Unknown	274	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	91		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 12:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 16:06
Analyst: SMZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	510	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND	UU	ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	250	J	ug/kg	120	23.	1
Benzo(a)pyrene	270	J	ug/kg	160	50.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 12:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	350	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	120	J	ug/kg	120	33.	1
Chrysene	240	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	65	J	ug/kg	120	40.	1
Benzo(ghi)perylene	160	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	220	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	40	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	180	J	ug/kg	160	29.	1
Pyrene	450	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND	UU	ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	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	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	980	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	25	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 12:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1

Tentatively Identified Compounds

Total TIC Compounds	1010	J	ug/kg	1
Unknown	170	J	ug/kg	1
Unknown PAH	174	J	ug/kg	1
Unknown	664	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	89		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 16:27
Analyst: SMZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

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	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	52	J	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	UJ	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	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	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	28	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
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	32.	1
Chrysene	27	J	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	32	J	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	51	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND	UJ	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	81.	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	31.	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-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
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

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	81		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/14/25 12:37
Analyst: CAP
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.258	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.022	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/g	0.398	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.235	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	0.364	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-04
Client ID: SOIL-101_1-2
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:00
Date Received: 04/18/25
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)	110				8-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	107				35-130	
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)	105				40-165	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102				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)	106				40-130	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	116				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102				40-215	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	104				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	133			Q	40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93				40-275	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88				40-135	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	133			Q	40-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	106				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				40-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	127				40-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	126				20-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	109				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	97				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	100				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	103				20-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	103				15-130	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-05
Client ID: SOIL-101_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:05
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/28/25 16:48
Analyst: SMZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/27/25 19:36

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	UJ	ug/kg	200	39.	1
2,6-Dinitrotoluene	ND	UJ	ug/kg	200	34.	1
Fluoranthene	ND		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	R	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	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	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	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-05
Client ID: SOIL-101_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:05
Date Received: 04/18/25
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	32.	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	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND	UJ	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	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND	UJ	ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND	R	ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND	R	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	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-05
Client ID: SOIL-101_4-5
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 10:05
Date Received: 04/18/25
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

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		25-120
Phenol-d6	110		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	92		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/29/25 11:06
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/28/25 02:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	121	Q	25-120
Phenol-d6	128	Q	10-120
Nitrobenzene-d5	128	Q	23-120
2-Fluorobiphenyl	127	Q	30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	117		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/14/25 12:46
Analyst: CAP
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.147	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.257	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.085	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.021	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.081	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/g	0.397	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.091	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.234	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	0.363	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-06
Client ID: SOIL-103_16-18
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 11:20
Date Received: 04/18/25
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)	108				8-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	110				35-130	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92				40-135	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				40-165	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	109				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)	88				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)	94				40-215	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	108				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	112				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	91				40-275	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89				40-135	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	111				40-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	107				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				40-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	112				40-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	100				20-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	113				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	84				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	86				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	101				20-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	105				15-130	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/29/25 04:10
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/28/25 02:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	125	Q	25-120
Phenol-d6	129	Q	10-120
Nitrobenzene-d5	119		23-120
2-Fluorobiphenyl	132	Q	30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	117		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/14/25 12:55
Analyst: CAP
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 05/12/25 13:30
Cleanup Method: EPA 1633
Cleanup Date: 05/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.121	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/g	0.399	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.998	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	0.365	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-09
Client ID: SOIL-104_8-10
Sample Location: SYRACUSE, NY

Date Collected: 04/18/25 13:10
Date Received: 04/18/25
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)	124				8-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	126				35-130	
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)	109				40-165	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	121				40-130	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	124				40-130	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	113				40-130	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	118				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112				40-215	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	127				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	119				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	134			Q	40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	108				40-275	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	109				40-135	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	137			Q	40-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	120				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	106				40-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	135			Q	40-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	124				20-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	126				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	111				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	107				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	120				20-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	123				15-130	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 03:30
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
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	10.9	J	ug/l	1
Unknown Organic Acid	4.60	J	ug/l	1
Unknown Organic Acid	6.30	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	89		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/04/25 21:12
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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	ND		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	0.12	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
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	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	72		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
 Client ID: MW-101-20250424
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 05/06/25 13:42
 Analyst: GRS

Extraction Method: EPA 3510C
 Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			39		15-110	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 18:50
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	24.4		ng/l	6.07	0.501	1
Perfluoropentanoic Acid (PFPeA)	82.5		ng/l	3.04	0.342	1
Perfluorobutanesulfonic Acid (PFBS)	6.05		ng/l	1.52	0.380	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.07	0.866	1
Perfluorohexanoic Acid (PFHxA)	44.6		ng/l	1.52	0.235	1
Perfluoropentanesulfonic Acid (PFPeS)	3.52		ng/l	1.52	0.197	1
Perfluoroheptanoic Acid (PFHpA)	22.8		ng/l	1.52	0.228	1
Perfluorohexanesulfonic Acid (PFHxS)	18.3		ng/l	1.52	0.129	1
Perfluorooctanoic Acid (PFOA)	60.2		ng/l	1.52	0.250	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.07	4.57	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.52	0.190	1
Perfluorononanoic Acid (PFNA)	1.17	J	ng/l	1.52	0.250	1
Perfluorooctanesulfonic Acid (PFOS)	2.80	J+ F	ng/l	1.52	0.250	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.52	0.197	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.07	1.16	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.52	0.190	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.52	0.456	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.52	0.167	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.52	0.129	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.52	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.52	0.456	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.52	0.205	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.52	0.175	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.52	0.152	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.07	1.52	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.07	0.357	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.52	0.228	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.07	0.418	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.07	0.425	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.52	0.212	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.52	0.334	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.2	1.24	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.2	1.05	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.04	0.235	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.04	0.342	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	3.04	0.311	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.04	0.516	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.59	0.509	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.0	4.04	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.0	3.02	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
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)	67		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	59		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	65		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	105		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	61		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	63		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	62		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	58		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	62		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)	61		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	47		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	56		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	51		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	58		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	42		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	45		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11 RE
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 11:38
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

THIS DATA WAS NOT VALIDATED

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.12		ug/l	0.10	0.02	1
2-Chloronaphthalene	0.10	J	ug/l	0.20	0.02	1
Fluoranthene	0.24		ug/l	0.10	0.03	1
Hexachlorobutadiene	0.05	J	ug/l	0.50	0.02	1
Naphthalene	0.10		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.16		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.16		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.16		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.14		ug/l	0.10	0.03	1
Chrysene	0.15		ug/l	0.10	0.03	1
Acenaphthylene	0.10	J	ug/l	0.10	0.02	1
Anthracene	0.14		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.13		ug/l	0.10	0.02	1
Fluorene	0.13		ug/l	0.10	0.03	1
Phenanthrene	0.30		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.12		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.13		ug/l	0.10	0.02	1
Pyrene	0.22		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.10	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.09	J	ug/l	0.80	0.01	1
Hexachloroethane	0.05	J	ug/l	0.80	0.02	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11 RE
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	84		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 03:54
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	93.8	J	ug/l	1
Unknown	12.3	J	ug/l	1
Unknown	21.6	J	ug/l	1
Unknown	4.30	J	ug/l	1
Unknown Alcohol	17.8	J	ug/l	1
Unknown	15.1	J	ug/l	1
Unknown	12.4	J	ug/l	1
Unknown	10.3	J	ug/l	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	40		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	90		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/04/25 21:29
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	39		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	71		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
 Client ID: CHA-1-20250424
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 05/06/25 14:08
 Analyst: GRS

Extraction Method: EPA 3510C
 Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	147	33.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	38			15-110		

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 18:59
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	22.5		ng/l	5.98	0.493	1
Perfluoropentanoic Acid (PFPeA)	78.9		ng/l	2.99	0.336	1
Perfluorobutanesulfonic Acid (PFBS)	5.77		ng/l	1.50	0.374	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.98	0.852	1
Perfluorohexanoic Acid (PFHxA)	39.0		ng/l	1.50	0.232	1
Perfluoropentanesulfonic Acid (PFPeS)	3.85		ng/l	1.50	0.194	1
Perfluoroheptanoic Acid (PFHpA)	22.1		ng/l	1.50	0.224	1
Perfluorohexanesulfonic Acid (PFHxS)	18.1		ng/l	1.50	0.127	1
Perfluorooctanoic Acid (PFOA)	59.1		ng/l	1.50	0.247	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.98	4.50	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.50	0.187	1
Perfluorononanoic Acid (PFNA)	0.800	J	ng/l	1.50	0.247	1
Perfluorooctanesulfonic Acid (PFOS)	2.36	J+ F	ng/l	1.50	0.247	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.50	0.194	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.98	1.14	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.50	0.187	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.50	0.449	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.50	0.164	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.50	0.127	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.50	0.090	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.50	0.449	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.50	0.202	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.50	0.172	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.50	0.150	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.98	1.50	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.98	0.351	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.50	0.224	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.98	0.411	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.98	0.419	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.50	0.209	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.50	0.329	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.0	1.22	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.0	1.03	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.99	0.232	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.99	0.336	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	2.99	0.306	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.99	0.508	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.48	0.501	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.4	3.98	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.4	2.98	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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)	84		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		40-130
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)	127		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	72		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	67		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	58		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	52		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	58		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	48		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	47		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	52		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12 RE
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 11:55
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

THIS DATA WAS NOT VALIDATED

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10	J	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	0.07	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Chrysene	0.05	J	ug/l	0.10	0.03	1
Acenaphthylene	0.03	J	ug/l	0.10	0.02	1
Anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.12		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.02	1
Pyrene	0.09	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12 RE
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
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	45		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	61		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 05:05
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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	29.3	J	ug/l	1
Unknown	4.50	J	ug/l	1
Unknown	4.80	J	ug/l	1
Unknown	6.90	J	ug/l	1
Unknown	7.30	J	ug/l	1
Unknown	5.80	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	84		41-149



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 17:39
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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	32		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	33		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	45		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 14:35
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			40		15-110	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 19:08
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.93	J	ng/l	5.61	0.463	1
Perfluoropentanoic Acid (PFPeA)	4.24		ng/l	2.80	0.316	1
Perfluorobutanesulfonic Acid (PFBS)	1.23	J	ng/l	1.40	0.351	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.61	0.799	1
Perfluorohexanoic Acid (PFHxA)	2.86		ng/l	1.40	0.217	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.40	0.182	1
Perfluoroheptanoic Acid (PFHpA)	1.42		ng/l	1.40	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	1.23	J	ng/l	1.40	0.119	1
Perfluorooctanoic Acid (PFOA)	3.88		ng/l	1.40	0.231	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.61	4.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.40	0.175	1
Perfluorononanoic Acid (PFNA)	0.884	J	ng/l	1.40	0.231	1
Perfluorooctanesulfonic Acid (PFOS)	ND	U	ng/l	1.40	0.231	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.40	0.182	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.61	1.07	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.40	0.175	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.40	0.421	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.40	0.154	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.40	0.119	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.40	0.084	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.40	0.421	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.40	0.189	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.40	0.161	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.40	0.140	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.61	1.40	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.61	0.330	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.40	0.210	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.61	0.386	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.61	0.393	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.40	0.196	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.40	0.308	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.0	1.14	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.0	0.968	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.80	0.217	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.80	0.316	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	2.80	0.287	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.80	0.477	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.01	0.470	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	35.1	3.73	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	35.1	2.79	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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)	92		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	106		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	147		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)	98		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	98		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		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)	87		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		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)	81		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13 RE
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 12:12
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

THIS DATA WAS NOT VALIDATED

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.23		ug/l	0.10	0.02	1
2-Chloronaphthalene	0.16	J	ug/l	0.20	0.02	1
Fluoranthene	0.76		ug/l	0.10	0.03	1
Hexachlorobutadiene	0.05	J	ug/l	0.50	0.02	1
Naphthalene	0.26		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.36		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.29		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.30		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.20		ug/l	0.10	0.03	1
Chrysene	0.34		ug/l	0.10	0.03	1
Acenaphthylene	0.13		ug/l	0.10	0.02	1
Anthracene	0.32		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.16		ug/l	0.10	0.02	1
Fluorene	0.25		ug/l	0.10	0.03	1
Phenanthrene	1.2		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.11		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.18		ug/l	0.10	0.02	1
Pyrene	0.63		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.20		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.08	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13 RE
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
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	46		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	61		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 05:28
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	81.8	J	ug/l	1
Unknown	12.9	J	ug/l	1
Unknown	10.6	J	ug/l	1
Unknown	13.4	J	ug/l	1
Unknown	5.20	J	ug/l	1
Unknown	19.6	J	ug/l	1
Unknown	12.1	J	ug/l	1
Unknown	8.00	J	ug/l	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	89		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 18:30
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	30		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	33		15-120
2,4,6-Tribromophenol	34		10-120
4-Terphenyl-d14	42		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
 Client ID: MW-103-20250424
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 05/06/25 15:54
 Analyst: GRS

Extraction Method: EPA 3510C
 Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	142	32.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	39			15-110		

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 19:35
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.78		ng/l	5.97	0.493	1
Perfluoropentanoic Acid (PFPeA)	3.11		ng/l	2.99	0.336	1
Perfluorobutanesulfonic Acid (PFBS)	1.32	J	ng/l	1.49	0.373	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.97	0.851	1
Perfluorohexanoic Acid (PFHxA)	2.29		ng/l	1.49	0.231	1
Perfluoropentanesulfonic Acid (PFPeS)	0.284	J	ng/l	1.49	0.194	1
Perfluoroheptanoic Acid (PFHpA)	0.978	J	ng/l	1.49	0.224	1
Perfluorohexanesulfonic Acid (PFHxS)	1.18	J	ng/l	1.49	0.127	1
Perfluorooctanoic Acid (PFOA)	3.80		ng/l	1.49	0.246	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.97	4.49	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.49	0.187	1
Perfluorononanoic Acid (PFNA)	0.440	J	ng/l	1.49	0.246	1
Perfluorooctanesulfonic Acid (PFOS)	1.52	J+	ng/l	1.49	0.246	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.49	0.194	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.97	1.14	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.49	0.187	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.49	0.448	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.49	0.164	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.49	0.127	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.49	0.090	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.49	0.448	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.49	0.202	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.49	0.172	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.49	0.149	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.97	1.49	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.97	0.351	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.49	0.224	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.97	0.411	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.97	0.418	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.49	0.209	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.49	0.328	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.9	1.22	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.9	1.03	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.99	0.231	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.99	0.336	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	2.99	0.306	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.99	0.508	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.46	0.500	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.3	3.97	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.3	2.97	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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)	101		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	138		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	102		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	103		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		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)	85		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	111		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14 RE
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 13:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

THIS DATA WAS NOT VALIDATED

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	0.03	J	ug/l	0.20	0.02	1
Fluoranthene	0.10		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	0.06	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Chrysene	0.06	J	ug/l	0.10	0.03	1
Acenaphthylene	0.03	J	ug/l	0.10	0.02	1
Anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.13		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.02	1
Pyrene	0.09	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14 RE
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
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	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	63		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 05:51
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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	1.6	J	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	98.6	J	ug/l	1
Unknown	23.5	J	ug/l	1
Unknown	4.40	J	ug/l	1
Unknown	15.1	J	ug/l	1
Unknown Alcohol	19.0	J	ug/l	1
Unknown	10.9	J	ug/l	1
Unknown	13.0	J	ug/l	1
Unknown	12.7	J	ug/l	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	85		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 18:47
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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	35		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	52		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
 Client ID: FB-20250424
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 05/06/25 16:20
 Analyst: GRS

Extraction Method: EPA 3510C
 Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			38		15-110	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 19:43
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.28	0.518	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.14	0.353	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.57	0.393	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.28	0.895	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.57	0.243	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.57	0.204	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.57	0.236	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.57	0.134	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.57	0.259	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.28	4.73	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.57	0.196	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.57	0.259	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.57	0.259	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.57	0.204	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.28	1.20	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.57	0.196	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.57	0.471	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.57	0.173	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.57	0.134	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.57	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.57	0.471	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.57	0.212	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.57	0.181	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.57	0.157	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.28	1.57	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.28	0.369	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.57	0.236	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.28	0.432	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.28	0.440	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.57	0.220	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.57	0.346	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.7	1.28	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.7	1.08	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.14	0.243	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.14	0.353	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	3.14	0.322	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.14	0.534	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.85	0.526	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.3	4.18	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.3	3.12	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
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				5-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74				40-130	
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)	65				40-200	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75				40-130	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	69				40-130	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	64				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)	68				40-200	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	66				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	64				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	54				40-300	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	49				40-170	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	60				30-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	48				25-135	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60				10-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53				10-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68				10-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78				10-130	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15 **RE**
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 13:19
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

THIS DATA WAS NOT VALIDATED

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	0.06	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	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.03	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	0.08	J	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	0.03	J	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 APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-15 RE

Date Collected: 04/24/25 15:30

Client ID: FB-20250424

Date Received: 04/25/25

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	50		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	76		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 06:15
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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 APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-16
 Client ID: EQ-BLANK-20250424
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
 Date Received: 04/25/25
 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	0.52	J	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	85.9	J	ug/l	1
Unknown	14.2	J	ug/l	1
Unknown	7.70	J	ug/l	1
Unknown Organic Acid	4.30	J	ug/l	1
Unknown	10.3	J	ug/l	1
Unknown	13.0	J	ug/l	1
Unknown	9.20	J	ug/l	1
Unknown	14.1	J	ug/l	1
Unknown	8.70	J	ug/l	1
Unknown Organic Acid	4.40	J	ug/l	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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	45		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	91		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 19:04
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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	ND		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 APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-16
 Client ID: EQ-BLANK-20250424
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
 Date Received: 04/25/25
 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	36		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	48		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 16:46
Analyst: GRS

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 18:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			36		15-110	

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 05/06/25 19:52
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/02/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.52	0.538	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.26	0.367	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.63	0.407	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.52	0.929	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.63	0.252	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.63	0.212	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.63	0.244	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.63	0.138	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.63	0.269	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.52	4.90	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.63	0.204	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.63	0.269	1
Perfluorooctanesulfonic Acid (PFOS)	0.864	J	ng/l	1.63	0.269	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.63	0.212	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.52	1.25	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.63	0.204	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.63	0.489	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.63	0.179	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.63	0.138	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.63	0.098	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.63	0.489	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.63	0.220	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.63	0.187	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.63	0.163	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.52	1.63	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.52	0.383	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.63	0.244	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.52	0.448	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.52	0.456	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.63	0.228	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.63	0.358	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.3	1.33	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.3	1.12	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.26	0.252	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.26	0.367	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	3.26	0.334	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.26	0.554	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.15	0.546	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.7	4.33	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.7	3.24	1

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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)	81		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80		40-130
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)	74		40-200
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)	82		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		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)	71		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	58		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		10-130

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16 RE
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 13:53
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

THIS DATA WAS NOT VALIDATED

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	0.04	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	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	0.04	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16 RE
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
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	60		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	68		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 06:38
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
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	1.1	U J	ug/l	5.0	0.35	1
2-Methylphenol	6.0		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

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	155	J	ug/l			1
Unknown Benzene	10.9	J	ug/l			1
Unknown Organic Acid	5.00	J	ug/l			1
Unknown	18.1	J	ug/l			1
Unknown	20.3	J	ug/l			1
Unknown Benzene	6.30	J	ug/l			1
Unknown	11.1	J	ug/l			1
Unknown Alcohol	7.40	J	ug/l			1
Unknown Benzene	6.50	J	ug/l			1
Unknown	11.0	J	ug/l			1
Unknown	5.20	J	ug/l			1
Unknown	10.6	J	ug/l			1
Unknown	5.10	J	ug/l			1
Unknown	19.7	J	ug/l			1
Unknown	18.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	97		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 19:21
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 09:30

THIS DATA WAS NOT VALIDATED

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	68		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17 RE
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 14:10
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

THIS DATA WAS NOT VALIDATED

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Chrysene	0.05	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.11		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02	1
Pyrene	0.08	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-17 RE
Client ID: MW-104-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:40
Date Received: 04/25/25
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	46		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	69		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/02/25 07:02
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 12:50

THIS DATA WAS NOT VALIDATED

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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
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

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	92		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/02/25 19:37
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 12:50

THIS DATA WAS NOT VALIDATED

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	ND		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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
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	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	34		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	69		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19 RE
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/06/25 14:27
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/05/25 10:30

THIS DATA WAS NOT VALIDATED

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	0.04	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	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	0.05	J	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 APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19 RE
 Client ID: WATER-WC-1
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
 Date Received: 04/25/25
 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	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	66		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/05/25 12:13
Analyst: SMZ
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/01/25 22:30

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 10:00

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	1.8	J	ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pyridine	ND		ug/l	3.5	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	79		41-149

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/05/25 00:54
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 02:02

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	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		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	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	300		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	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	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-20
 Client ID: SOIL-WC-1
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
 Date Received: 04/25/25
 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	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	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	28.	1
Pyrene	ND		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	250		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	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	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	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	37	J	ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	36	J	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	54.	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
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

Tentatively Identified Compounds

Total TIC Compounds	4420	J	ug/kg			1
Unknown Benzene	1240	J	ug/kg			1
Benzene, Propyl-	206	NJ	ug/kg			1
Unknown Benzene	322	J	ug/kg			1
Indane	252	NJ	ug/kg			1
Unknown Benzene	534	J	ug/kg			1
Unknown Benzene	357	J	ug/kg			1
Unknown Benzene	752	J	ug/kg			1
Unknown	761	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	70		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Oil
Analytical Method: 1,8270E
Analytical Date: 05/05/25 00:11
Analyst: LJG
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
Extraction Date: 05/02/25 01:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	38000	4900	1
Hexachlorobenzene	ND		ug/kg	28000	5300	1
Bis(2-chloroethyl)ether	ND		ug/kg	42000	6400	1
2-Chloronaphthalene	ND		ug/kg	47000	4700	1
3,3'-Dichlorobenzidine	ND		ug/kg	47000	12000	1
2,4-Dinitrotoluene	ND		ug/kg	47000	9400	1
2,6-Dinitrotoluene	ND		ug/kg	47000	8100	1
Fluoranthene	ND		ug/kg	28000	5400	1
4-Chlorophenyl phenyl ether	ND		ug/kg	47000	5000	1
4-Bromophenyl phenyl ether	ND		ug/kg	47000	7200	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	57000	8000	1
Bis(2-chloroethoxy)methane	ND		ug/kg	51000	4700	1
Hexachlorobutadiene	ND		ug/kg	47000	6900	1
Hexachlorocyclopentadiene	ND		ug/kg	130000	43000	1
Hexachloroethane	ND		ug/kg	38000	7600	1
Isophorone	ND		ug/kg	42000	6100	1
Naphthalene	ND		ug/kg	47000	5700	1
Nitrobenzene	ND		ug/kg	42000	7000	1
NDPA/DPA	ND		ug/kg	38000	5400	1
n-Nitrosodi-n-propylamine	ND		ug/kg	47000	7300	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	47000	16000	1
Butyl benzyl phthalate	ND		ug/kg	47000	12000	1
Di-n-butylphthalate	ND		ug/kg	47000	8900	1
Di-n-octylphthalate	ND		ug/kg	47000	16000	1
Diethyl phthalate	ND		ug/kg	47000	4400	1
Dimethyl phthalate	ND		ug/kg	47000	9900	1
Benzo(a)anthracene	ND		ug/kg	28000	5300	1
Benzo(a)pyrene	ND		ug/kg	38000	12000	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
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	28000	7900	1
Benzo(k)fluoranthene	ND		ug/kg	28000	7500	1
Chrysene	ND		ug/kg	28000	4900	1
Acenaphthylene	ND		ug/kg	38000	7300	1
Anthracene	ND		ug/kg	28000	9200	1
Benzo(ghi)perylene	ND		ug/kg	38000	5500	1
Fluorene	ND		ug/kg	47000	4600	1
Phenanthrene	ND		ug/kg	28000	5700	1
Dibenzo(a,h)anthracene	ND		ug/kg	28000	5400	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	38000	6600	1
Pyrene	ND		ug/kg	28000	4700	1
Biphenyl	ND		ug/kg	110000	6100	1
4-Chloroaniline	ND		ug/kg	47000	8600	1
2-Nitroaniline	ND		ug/kg	47000	9100	1
3-Nitroaniline	ND		ug/kg	47000	8900	1
4-Nitroaniline	ND		ug/kg	47000	20000	1
Dibenzofuran	ND		ug/kg	47000	4500	1
2-Methylnaphthalene	ND		ug/kg	57000	5700	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	47000	4900	1
Acetophenone	ND		ug/kg	47000	5800	1
2,4,6-Trichlorophenol	ND		ug/kg	28000	8900	1
p-Chloro-m-cresol	ND		ug/kg	47000	7000	1
2-Chlorophenol	ND		ug/kg	47000	5600	1
2,4-Dichlorophenol	ND		ug/kg	42000	7600	1
2,4-Dimethylphenol	ND		ug/kg	47000	16000	1
2-Nitrophenol	ND		ug/kg	100000	18000	1
4-Nitrophenol	ND		ug/kg	66000	19000	1
2,4-Dinitrophenol	ND		ug/kg	230000	22000	1
4,6-Dinitro-o-cresol	ND		ug/kg	120000	23000	1
Pentachlorophenol	ND		ug/kg	38000	10000	1
Phenol	ND		ug/kg	47000	7100	1
2-Methylphenol	ND		ug/kg	47000	7300	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	68000	7400	1
2,4,5-Trichlorophenol	ND		ug/kg	47000	9000	1
Carbazole	ND		ug/kg	47000	4600	1
Atrazine	ND		ug/kg	38000	16000	1
Benzaldehyde	ND		ug/kg	62000	13000	1



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-21
Client ID: FT-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:50
Date Received: 04/25/25
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	47000	14000	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	47000	9500	1

Tentatively Identified Compounds

Total TIC Compounds	709000	J	ug/kg			1
Unknown	67600	J	ug/kg			1
Unknown Alkane	56500	J	ug/kg			1
Unknown Alkane	100000	J	ug/kg			1
Unknown Cycloalkane	39000	J	ug/kg			1
Unknown	47200	J	ug/kg			1
Unknown Naphthalene	79400	J	ug/kg			1
Unknown	63000	J	ug/kg			1
Unknown	38900	J	ug/kg			1
Unknown	39900	J	ug/kg			1
Unknown Alkane	129000	J	ug/kg			1
Unknown Alkane	48500	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	133	Q	25-120
Phenol-d6	123	Q	10-120
Nitrobenzene-d5	129	Q	23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	112		18-120

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-11
Client ID: MW-101-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:35
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 16:37
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-12
Client ID: CHA-1-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 09:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 16:47
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13
Client ID: MW-102-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 13:15
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 16:56
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-14
Client ID: MW-103-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 11:00
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 17:24
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-15
Client ID: FB-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:30
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 15:24
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-16
Client ID: EQ-BLANK-20250424
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 15:40
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 15:34
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	ND		ug/l	0.071	0.015	1	A
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	ND		ug/l	0.071	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19
Client ID: WATER-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:25
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/25 15:44
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/03/25 11:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.013	1	A
Aroclor 1221	ND		ug/l	0.071	0.015	1	A
Aroclor 1232	ND		ug/l	0.071	0.015	1	A
Aroclor 1242	0.120	J+	ug/l	0.071	0.015	1	B
Aroclor 1248	ND		ug/l	0.071	0.015	1	A
Aroclor 1254	ND		ug/l	0.071	0.015	1	A
Aroclor 1260	ND		ug/l	0.071	0.015	1	A
Aroclor 1262	ND		ug/l	0.071	0.015	1	A
Aroclor 1268	ND		ug/l	0.071	0.015	1	A
PCBs, Total	0.120		ug/l	0.071	0.013	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/25 09:41
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/03/25 01:02
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.2	4.99	1	A
Aroclor 1221	ND		ug/kg	56.2	5.63	1	A
Aroclor 1232	ND		ug/kg	56.2	11.9	1	A
Aroclor 1242	ND		ug/kg	56.2	7.58	1	A
Aroclor 1248	ND		ug/kg	56.2	8.43	1	A
Aroclor 1254	ND		ug/kg	56.2	6.15	1	A
Aroclor 1260	ND		ug/kg	56.2	10.4	1	A
Aroclor 1262	ND		ug/kg	56.2	7.14	1	A
Aroclor 1268	ND		ug/kg	56.2	5.82	1	A
PCBs, Total	ND		ug/kg	56.2	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	134		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	138		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
 Client ID: SOIL-WC-1
 Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
 Date Received: 04/25/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/04/25 14:38
 Analyst: AKM
 Percent Solids: 84%
 TCLP/SPLP Ext. Date: 05/01/25 22:30

Extraction Method: EPA 3510C
 Extraction Date: 05/04/25 00:47

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	0.094	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	94		30-150	B
Decachlorobiphenyl	86		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/04/25 17:12
Analyst: EJL
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/01/25 22:30
Methylation Date: 05/04/25 09:30

Extraction Method: EPA 8151A
Extraction Date: 05/03/25 16:25

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	36		30-150	A
DCAA	39		30-150	B

Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-01

Date Collected: 04/18/25 09:00

Client ID: SOIL-102_1-2

Date Received: 04/18/25

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	1440		mg/kg	79.7	25.9	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Antimony, Total	ND	UJ	mg/kg	39.8	30.7	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Arsenic, Total	ND		mg/kg	7.97	3.44	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Barium, Total	36.7		mg/kg	7.97	0.845	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Beryllium, Total	ND		mg/kg	3.98	0.438	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	7.97	0.438	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Calcium, Total	271000		mg/kg	79.7	45.2	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Chromium, Total	ND		mg/kg	7.97	6.76	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.18	J	mg/kg	15.9	1.98	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Copper, Total	10.8		mg/kg	7.97	1.81	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Iron, Total	5620		mg/kg	39.8	8.37	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Lead, Total	40.2		mg/kg	39.8	1.90	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Magnesium, Total	19000		mg/kg	79.7	13.0	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Manganese, Total	318		mg/kg	7.97	4.27	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.051	1	05/05/25 11:57	05/05/25 14:11	EPA 7471B	1,7471B	JWN
Nickel, Total	16.9	J	mg/kg	19.9	6.44	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Potassium, Total	ND		mg/kg	1990	404.	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Selenium, Total	ND	UJ	mg/kg	15.9	2.62	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	3.98	2.37	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	1590	845.	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	15.9	7.19	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Vanadium, Total	7.79	J	mg/kg	7.97	1.20	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF
Zinc, Total	36.5	J	mg/kg	39.8	4.83	20	05/05/25 10:35	05/08/25 21:05	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-02

Date Collected: 04/18/25 09:10

Client ID: SOIL-102_4-5

Date Received: 04/18/25

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	7150		mg/kg	9.31	3.03	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Antimony, Total	ND	UJ	mg/kg	4.66	3.59	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Arsenic, Total	11.0		mg/kg	0.931	0.402	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Barium, Total	207		mg/kg	0.931	0.099	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.443	J	mg/kg	0.466	0.051	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.310	J J	mg/kg	0.931	0.051	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Calcium, Total	73200		mg/kg	9.31	5.28	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Chromium, Total	11.1		mg/kg	0.931	0.790	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.54		mg/kg	1.86	0.231	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Copper, Total	49.5		mg/kg	0.931	0.211	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Iron, Total	12800		mg/kg	4.66	0.978	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Lead, Total	37.2	J	mg/kg	4.66	0.222	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Magnesium, Total	11600		mg/kg	9.31	1.52	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Manganese, Total	249	J	mg/kg	0.931	0.499	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Mercury, Total	0.802	J	mg/kg	0.091	0.059	1	05/05/25 11:57	05/05/25 14:21	EPA 7471B	1,7471B	JWN
Nickel, Total	22.9		mg/kg	2.33	0.753	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Potassium, Total	740		mg/kg	233	47.2	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Selenium, Total	ND	UJ	mg/kg	1.86	0.306	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.466	0.278	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Sodium, Total	760		mg/kg	186	98.7	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.86	0.840	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Vanadium, Total	15.6		mg/kg	0.931	0.141	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF
Zinc, Total	390	J	mg/kg	4.66	0.564	2	05/05/25 10:35	05/08/25 20:36	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-03

Date Collected: 04/18/25 12:00

Client ID: CHA-1

Date Received: 04/18/25

Sample Location: SYRACUSE, NY

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											
Aluminum, Total	7300		mg/kg	9.57	3.11	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND	UJ	mg/kg	4.79	3.69	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	9.20		mg/kg	0.957	0.414	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Barium, Total	208		mg/kg	0.957	0.101	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.411	J	mg/kg	0.479	0.053	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.34	J	mg/kg	0.957	0.053	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Calcium, Total	68000		mg/kg	9.57	5.43	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Chromium, Total	13.0		mg/kg	0.957	0.812	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.06		mg/kg	1.91	0.237	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Copper, Total	47.9		mg/kg	0.957	0.217	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Iron, Total	12900		mg/kg	4.79	1.00	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Lead, Total	190	J	mg/kg	4.79	0.228	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	14200		mg/kg	9.57	1.56	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Manganese, Total	411	J	mg/kg	0.957	0.513	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Mercury, Total	0.312	J	mg/kg	0.100	0.065	1	05/05/25 11:57	05/05/25 14:24	EPA 7471B	1,7471B	JWN
Nickel, Total	19.7		mg/kg	2.39	0.774	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Potassium, Total	768		mg/kg	239	48.5	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Selenium, Total	ND	UJ	mg/kg	1.91	0.315	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.479	0.285	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Sodium, Total	930		mg/kg	191	101.	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.91	0.864	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	14.6		mg/kg	0.957	0.144	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF
Zinc, Total	845	J	mg/kg	4.79	0.580	2	05/05/25 10:35	05/08/25 20:40	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-04

Date Collected: 04/18/25 10:00

Client ID: SOIL-101_1-2

Date Received: 04/18/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10100		mg/kg	9.54	3.10	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Antimony, Total	ND	UJ	mg/kg	4.77	3.67	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.40		mg/kg	0.954	0.412	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Barium, Total	93.8		mg/kg	0.954	0.101	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.438	J	mg/kg	0.477	0.052	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.228	J	mg/kg	0.954	0.052	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Calcium, Total	45700		mg/kg	9.54	5.41	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Chromium, Total	15.7		mg/kg	0.954	0.809	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.29		mg/kg	1.91	0.236	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Copper, Total	20.2		mg/kg	0.954	0.216	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Iron, Total	17000		mg/kg	4.77	1.00	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Lead, Total	87.0		mg/kg	4.77	0.227	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Magnesium, Total	8920		mg/kg	9.54	1.55	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Manganese, Total	326		mg/kg	0.954	0.511	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Mercury, Total	0.209		mg/kg	0.092	0.060	1	05/05/25 11:57	05/05/25 14:28	EPA 7471B	1,7471B	JWN
Nickel, Total	20.7		mg/kg	2.38	0.770	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Potassium, Total	765		mg/kg	238	48.3	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Selenium, Total	ND	UJ	mg/kg	1.91	0.314	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.477	0.284	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Sodium, Total	865		mg/kg	191	101.	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.91	0.860	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.1		mg/kg	0.954	0.144	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF
Zinc, Total	68.1		mg/kg	4.77	0.578	2	05/05/25 10:35	05/08/25 20:43	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-05

Date Collected: 04/18/25 10:05

Client ID: SOIL-101_4-5

Date Received: 04/18/25

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	11800		mg/kg	9.30	3.02	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Antimony, Total	ND	UJ	mg/kg	4.65	3.58	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.57		mg/kg	0.930	0.402	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Barium, Total	51.8		mg/kg	0.930	0.099	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.593		mg/kg	0.465	0.051	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.221	J	mg/kg	0.930	0.051	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Calcium, Total	3650		mg/kg	9.30	5.27	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Chromium, Total	16.2		mg/kg	0.930	0.789	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Cobalt, Total	11.4		mg/kg	1.86	0.231	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Copper, Total	21.6		mg/kg	0.930	0.211	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Iron, Total	19900		mg/kg	4.65	0.976	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Lead, Total	10.7		mg/kg	4.65	0.221	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Magnesium, Total	4900		mg/kg	9.30	1.52	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Manganese, Total	210		mg/kg	0.930	0.498	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.094	0.061	1	05/05/25 11:57	05/05/25 13:08	EPA 7471B	1,7471B	JWN
Nickel, Total	26.4		mg/kg	2.32	0.751	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Potassium, Total	609		mg/kg	232	47.2	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Selenium, Total	ND	UJ	mg/kg	1.86	0.306	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.465	0.277	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Sodium, Total	334		mg/kg	186	98.6	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.86	0.839	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.0		mg/kg	0.930	0.140	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF
Zinc, Total	49.2		mg/kg	4.65	0.564	2	05/05/25 10:35	05/08/25 20:15	EPA 3050B	1,6010D	JMF



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-11

Date Collected: 04/24/25 09:35

Client ID: MW-101-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.164		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00080		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Barium, Total	0.1208		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Calcium, Total	140.		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00039	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00094		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Copper, Total	0.00189	U	mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Iron, Total	0.377	U	mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Magnesium, Total	35.7		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1285		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:25	EPA 7470A	1,7470A	CME
Nickel, Total	0.00274		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 21:58	EPA 3005A	1,6020B	NTB
Potassium, Total	18.9		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00775		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Sodium, Total	404.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 22:02	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:00	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-12

Date Collected: 04/24/25 09:00

Client ID: CHA-1-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.174		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00084		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Barium, Total	0.1197		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Calcium, Total	140.		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00038	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00095		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Copper, Total	0.00197	U	mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Iron, Total	0.386	U	mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Magnesium, Total	36.2		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1289		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:28	EPA 7470A	1,7470A	CME
Nickel, Total	0.00281		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 22:07	EPA 3005A	1,6020B	NTB
Potassium, Total	19.0		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00746		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Sodium, Total	399.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 22:11	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:05	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-13

Date Collected: 04/24/25 13:15

Client ID: MW-102-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.211		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00118	J	mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00041	J	mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Barium, Total	0.09516		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Calcium, Total	118.		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00073	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00067		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Copper, Total	0.00146	U	mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Iron, Total	0.373	U	mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Magnesium, Total	27.1		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Manganese, Total	0.08856		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 08:59	EPA 7470A	1,7470A	CME
Nickel, Total	0.00175	J	mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Potassium, Total	6.62		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00416	J	mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Sodium, Total	411.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 21:30	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 17:37	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-14

Date Collected: 04/24/25 11:00

Client ID: MW-103-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.290		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00048	J	mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Barium, Total	0.1320		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Calcium, Total	94.2		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00056	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00070		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Copper, Total	0.00182	U	mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Iron, Total	0.624	U	mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Lead, Total	0.00037	J	mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Magnesium, Total	26.0		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Manganese, Total	0.08673		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:32	EPA 7470A	1,7470A	CME
Nickel, Total	0.00128	J	mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 22:16	EPA 3005A	1,6020B	NTB
Potassium, Total	7.54		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00390	J	mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Sodium, Total	398.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 22:34	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:09	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-15

Date Collected: 04/24/25 15:30

Client ID: FB-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.00428	J	mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Calcium, Total	0.0604	J	mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00030	J	mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Copper, Total	0.00356		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Iron, Total	0.517		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Manganese, Total	0.00347		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:35	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00472	J	mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 21:35	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-16

Date Collected: 04/24/25 15:40

Client ID: EQ-BLANK-20250424

Date Received: 04/25/25

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											
Aluminum, Total	0.00854	J	mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Calcium, Total	0.0839	J	mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Copper, Total	0.00362		mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Magnesium, Total	0.0296	J	mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:38	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 22:38	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Sodium, Total	0.0927	J	mg/l	0.500	0.0293	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:14	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225

Project Number: 086328

Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-19

Date Collected: 04/24/25 14:25

Client ID: WATER-WC-1

Date Received: 04/25/25

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											
Aluminum, Total	1.00		mg/l	0.0100	0.00327	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00215		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Barium, Total	0.09709		mg/l	0.00050	0.00017	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Calcium, Total	89.2		mg/l	0.100	0.0394	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00596		mg/l	0.00100	0.00017	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00148		mg/l	0.00050	0.00016	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Copper, Total	0.00646	U	mg/l	0.00100	0.00038	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Iron, Total	1.90	U	mg/l	0.0500	0.0191	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Lead, Total	0.00164		mg/l	0.00100	0.00034	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Magnesium, Total	28.0		mg/l	0.0700	0.0242	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Manganese, Total	0.06855		mg/l	0.00100	0.00044	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/04/25 20:46	05/07/25 09:42	EPA 7470A	1,7470A	CME
Nickel, Total	0.00405		mg/l	0.00200	0.00055	1	05/04/25 17:40	05/06/25 22:43	EPA 3005A	1,6020B	NTB
Potassium, Total	8.73		mg/l	0.100	0.0309	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00556		mg/l	0.00500	0.00173	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Sodium, Total	359.		mg/l	5.00	0.293	10	05/04/25 17:40	05/06/25 22:47	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00397	J	mg/l	0.00500	0.00157	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00606	J	mg/l	0.01000	0.00341	1	05/04/25 17:40	05/06/25 19:19	EPA 3005A	1,6020B	NTB



Project Name: SYR GATEWAY APARTMENTS-REMEDIA**Lab Number:** L2524225**Project Number:** 086328**Report Date:** 05/15/25**SAMPLE RESULTS**

Lab ID: L2524225-20

Date Collected: 04/24/25 14:55

Client ID: SOIL-WC-1

Date Received: 04/25/25

Sample Location: SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/01/25 22:30

Matrix: Soil

Percent Solids: 84%

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	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Barium, TCLP	0.551		mg/l	0.500	0.0210	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/06/25 19:01	05/08/25 09:43	EPA 7470A	1,7470A	CME
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/06/25 19:02	05/08/25 17:36	EPA 3015	1,6010D	EFM



Project Name: SYR GATEWAY APARTMENTS-REMEDIA
Project Number: 086328

Lab Number: L2524225
Report Date: 05/15/25

SAMPLE RESULTS

Lab ID: L2524225-20
Client ID: SOIL-WC-1
Sample Location: SYRACUSE, NY

Date Collected: 04/24/25 14:55
Date Received: 04/25/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	05/01/25 11:46	121,2540G	ROI
pH (H)	7.82		SU	-	NA	1	-	05/01/25 17:29	1,9045D	AAS
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/02/25 22:20	05/02/25 23:31	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/02/25 22:20	05/02/25 23:26	125,7.3	TLH



VOC Data Section



**QA/QC Review of Method 8260C Volatiles Data
for Pace Analytical Services, SDG Number: L2524225**

**6 Soil Samples, 5 Aqueous Samples, 1 Oil Sample, 2 Field Duplicates,
1 Field Blank, 1 Equipment Blank, and 1 Trip Blank
Collected April 18-24, 2025**

Prepared by: Donald Anné
June 20, 2025

Geology

Hydrology

Remediation

Water Supply

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 RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 for VOA101 on 05-03-25. 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 (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The average RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 on 05-05-25 (V01250505A01). The average RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 on 05-06-25 (V01250506A01). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 04-30-25 (V23250430N01). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the method maximum on 05-01-25 (V04250501A01). The %Ds for 8 compounds (highlighted yellow on attached Form 7) were above the method maximum on 05-02-25 (V27250502A01). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the method maximum on 05-02-25 (V04250502A01). The %D for acetone was above the method maximum on 05-05-25 (V01250505A01). The %Ds for bromomethane and 2-hexanone were above the method maximum on 05-06-25 (V01250506A01). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the method maximum on 05-07-25 (V23250507A01). 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 6 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 04-30-25 (V23250430N01). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 05-01-25 (V04250501A01). The %Ds for 8 compounds (highlighted yellow on attached Form 7) and 1,4-dioxane were above the allowable maximum (20%) on 05-02-25 (V27250502A01). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 05-02-25 (V04250502A01). The %Ds for acetone and 1,4-dioxane were above the allowable maximum (20%) on 05-05-25 (V01250505A01). The %Ds for bromomethane, 2-hexanone, and 1,4-dioxane were above the allowable maximum (20%) on 05-06-25 (V01250506A01). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 05-07-25 (V23250507A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2061204-5BLANK contained a trace of bromomethane (1.7 ug/kg). Method blank WG2061775-5BLANK contained a trace of 1,2,3-trichlorobenzene (0.38 ug/kg). Method blank WG2064895-5BLANK contained a trace of 2-butanone (130 ug/kg). Field blank FB-20250424 contained traces of acetone (6.2 ug/L) and 2-butanone (2.9 ug/L). Equipment blank EB-BLANK-20250424 contained traces of acetone (4.8 ug/L) and 2-butanone (3.4 ug/L). TRIP BLANKS contained a trace of acetone (1.8 ug/L). Positive results for bromomethane and 1,2,3-trichlorobenzene that are less than 5 times the field blank level should be reported as not detected (U) in associated samples. Positive results for acetone and 2-butanone that are less than 10 times the field blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil samples, aqueous samples, 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 (RPDs) for target compounds were below the allowable maximum; 2 of 2 percent recoveries (%Rs) for chloromethane, 2-butanone, and methyl acetate, and 1 of 2 %Rs for vinyl chloride and 2-hexanone were above QC limits; and 2 of 2 %Rs for 14 compounds (highlighted yellow on attached Form 3) were below QC limits, but not below 10% for soil MS/MSD sample SOIL-104_8-10. Positive results for 5 compounds should be considered estimated, biased low (J-) and the "not detected" results for 9 compounds estimated (UJ) in sample SOIL-104_8-10.

The RPDs for bromoethane and 2-butanone were above the allowable maximum and 2 of 2 %Rs for methyl cyclohexane were below QC limits, but not below 30% for aqueous MS/MSD sample MW-102-20250424. The “not detected” result for methyl cyclohexane should be considered estimated (UJ) in sample MW-102-20250424.

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 WG2061204-3/4, WG2061210-3/4 WG2064895-3/4, and WG2064911-3/4 and oil samples WG2064939-3/4.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for chloromethane were above QC limits for soil samples WG2061711-3/4 and WG2061775-3/4. Positive results for chloromethane should be considered estimated, biased high (J+) in associated soil samples.

The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for bromomethane was above QC limits for aqueous samples WG2063492-3/4. Positive results for bromomethane should be considered estimated, biased high (J+) in associated aqueous samples.

The %Rs for target compounds were within QC limits, but the RPDs for acetone and methyl acetate were above the allowable maximum for soil samples WG2062414-3/4. Positive results for these compounds should be considered estimated (J) in associated soil samples.

The %Rs for target compounds were within QC limits, but the RPD for acetone was above the allowable maximum for aqueous samples WG2063196-3/4. Positive results for acetone should be considered estimated (J) in associated aqueous samples.

Field Duplicates: The relative percent difference (RPD) for trichloroethene was below the allowable maximum (20%) for aqueous field duplicate pair MW-101-20250424/CHA-1-20250424 (attached table), as required.

The RPDs for 8 compounds were above the allowable maximum (35%) for soil field duplicate pair SOIL-103_16-18/CHA-2 (attached table). Positive results for these 8 compounds should be considered estimated (J) for samples SOIL-103_16-18 and CHA-2.

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.

The results for m/p-xylene in sample CHA-2 and SOIL-WC-1 and result for toluene in sample CHA were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the results that are flagged as 'E' in the undiluted samples should be considered estimated (J). The use of the diluted results for these compounds is recommended for the samples. It is recommended that the undiluted results be used for all other compounds.

Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (HIGH)
 LCS Sample ID : WG2061711-3 Analysis Date : 05/01/25 07:01 File ID : V04250501A01
 LCSD Sample ID : WG2061711-4 Analysis Date : 05/01/25 07:27 File ID : V04250501A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	2000	1900	95	2000	1800	89	7	70-130	30
1,1-Dichloroethane	2000	2300	114	2000	2200	110	4	70-130	30
Chloroform	2000	1900	93	2000	1800	92	1	70-130	30
Carbon tetrachloride	2000	2000	98	2000	1900	96	2	70-130	30
1,2-Dichloropropane	2000	2200	107	2000	2200	110	3	70-130	30
Dibromochloromethane	2000	1800	88	2000	1800	89	1	70-130	30
1,1,2-Trichloroethane	2000	1700	87	2000	1800	89	2	70-130	30
Tetrachloroethene	2000	2200	110	2000	2100	107	3	70-130	30
Chlorobenzene	2000	2000	98	2000	2000	98	0	70-130	30
Trichlorofluoromethane	2000	2100	103	2000	1900	94	9	70-139	30
1,2-Dichloroethane	2000	1900	96	2000	2000	100	4	70-130	30
1,1,1-Trichloroethane	2000	1800	92	2000	1800	90	2	70-130	30
Bromodichloromethane	2000	1700	83	2000	1700	86	4	70-130	30
trans-1,3-Dichloropropene	2000	1800	89	2000	1800	90	1	70-130	30
cis-1,3-Dichloropropene	2000	1900	94	2000	2000	98	4	70-130	30
Bromoform	2000	1800	90	2000	1800	92	2	70-130	30
1,1,2,2-Tetrachloroethane	2000	1700	85	2000	1700	87	2	70-130	30
Benzene	2000	1900	96	2000	1900	96	0	70-130	30
Toluene	2000	1900	93	2000	1800	91	2	70-130	30
Ethylbenzene	2000	1900	95	2000	1900	94	1	70-130	30
Chloromethane	2000	3400	171 Q	2000	3000	151 Q	12	52-130	30
Bromomethane	2000	2100	104	2000	1900	95	9	57-147	30
Vinyl chloride	2000	2500	127	2000	2300	114	11	67-130	30
Chloroethane	2000	2000	100	2000	1800	91	9	50-151	30
1,1-Dichloroethene	2000	2100	106	2000	2000	97	9	65-135	30
trans-1,2-Dichloroethene	2000	2100	105	2000	2000	100	5	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (HIGH)
 LCS Sample ID : WG2061711-3 Analysis Date : 05/01/25 07:01 File ID : V04250501A01
 LCSD Sample ID : WG2061711-4 Analysis Date : 05/01/25 07:27 File ID : V04250501A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Trichloroethene	2000	2100	102	2000	2100	104	2	70-130	30
1,2-Dichlorobenzene	2000	2100	103	2000	2100	104	1	70-130	30
1,3-Dichlorobenzene	2000	2200	109	2000	2200	109	0	70-130	30
1,4-Dichlorobenzene	2000	2100	106	2000	2100	106	0	70-130	30
Methyl tert butyl ether	2000	2000	98	2000	2000	98	0	66-130	30
p/m-Xylene	4000	4000	99	4000	3900	98	1	70-130	30
o-Xylene	4000	3900	96	4000	3900	97	1	70-130	30
cis-1,2-Dichloroethene	2000	1900	93	2000	1900	96	3	70-130	30
Styrene	4000	3800	95	4000	3800	96	1	70-130	30
Dichlorodifluoromethane	2000	2300	113	2000	2000	101	11	30-146	30
Acetone	2000	2300	115	2000	2400	121	5	54-140	30
Carbon disulfide	2000	2200	112	2000	2100	103	8	59-130	30
2-Butanone	2000	2100	106	2000	2500	126	17	70-130	30
4-Methyl-2-pentanone	2000	2300	113	2000	2300	114	1	70-130	30
2-Hexanone	2000	2400	119	2000	2400	121	2	70-130	30
Bromochloromethane	2000	2000	101	2000	2000	102	1	70-130	30
1,2-Dibromoethane	2000	1900	93	2000	1900	96	3	70-130	30
1,2-Dibromo-3-chloropropane	2000	1800	90	2000	2000	98	9	68-130	30
Isopropylbenzene	2000	2000	102	2000	2000	99	3	70-130	30
1,2,3-Trichlorobenzene	2000	2100	105	2000	2200	111	6	70-130	30
1,2,4-Trichlorobenzene	2000	2300	116	2000	2400	118	2	70-130	30
Methyl Acetate	2000	2700	137	2000	2800	138	1	51-146	30
Cyclohexane	2000	2800	140	2000	2700	133	5	59-142	30
1,4-Dioxane	100000	110000	105	100000	110000	114	8	65-136	30
Freon-113	2000	2200	111	2000	2100	103	7	50-139	30
Methyl cyclohexane	2000	1900	93	2000	1900	93	0	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2061775-3 Analysis Date : 05/02/25 08:34 File ID : V04250502A01
 LCSD Sample ID : WG2061775-4 Analysis Date : 05/02/25 09:00 File ID : V04250502A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	40	34	86	40	35	88	2	70-130	30
1,1-Dichloroethane	40	42	105	40	42	105	0	70-130	30
Chloroform	40	34	86	40	34	86	0	70-130	30
Carbon tetrachloride	40	35	88	40	36	89	1	70-130	30
1,2-Dichloropropane	40	42	105	40	43	107	2	70-130	30
Dibromochloromethane	40	33	82	40	34	85	4	70-130	30
1,1,2-Trichloroethane	40	33	84	40	34	85	1	70-130	30
Tetrachloroethene	40	41	103	40	42	104	1	70-130	30
Chlorobenzene	40	37	93	40	38	95	2	70-130	30
Trichlorofluoromethane	40	35	88	40	35	88	0	70-139	30
1,2-Dichloroethane	40	36	90	40	38	94	4	70-130	30
1,1,1-Trichloroethane	40	33	83	40	34	85	2	70-130	30
Bromodichloromethane	40	32	79	40	33	82	4	70-130	30
trans-1,3-Dichloropropene	40	33	83	40	34	86	4	70-130	30
cis-1,3-Dichloropropene	40	36	90	40	38	94	4	70-130	30
Bromoform	40	33	84	40	34	85	1	70-130	30
1,1,2,2-Tetrachloroethane	40	32	80	40	33	83	4	70-130	30
Benzene	40	36	90	40	37	93	3	70-130	30
Toluene	40	35	87	40	35	89	2	70-130	30
Ethylbenzene	40	35	88	40	37	91	3	70-130	30
Chloromethane	40	61	152 Q	40	59	147 Q	3	52-130	30
Bromomethane	40	37	92	40	37	92	0	57-147	30
Vinyl chloride	40	44	110	40	43	107	3	67-130	30
Chloroethane	40	35	87	40	34	85	2	50-151	30
1,1-Dichloroethene	40	37	94	40	37	93	1	65-135	30
trans-1,2-Dichloroethene	40	38	96	40	38	96	0	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2061775-3 Analysis Date : 05/02/25 08:34 File ID : V04250502A01
 LCSD Sample ID : WG2061775-4 Analysis Date : 05/02/25 09:00 File ID : V04250502A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Trichloroethene	40	38	96	40	39	98	2	70-130	30
1,2-Dichlorobenzene	40	40	100	40	40	100	0	70-130	30
1,3-Dichlorobenzene	40	41	103	40	42	105	2	70-130	30
1,4-Dichlorobenzene	40	40	101	40	41	103	2	70-130	30
Methyl tert butyl ether	40	36	90	40	37	92	2	66-130	30
p/m-Xylene	80	75	93	80	76	95	2	70-130	30
o-Xylene	80	74	92	80	75	94	2	70-130	30
cis-1,2-Dichloroethene	40	36	91	40	37	92	1	70-130	30
Styrene	80	72	90	80	74	92	2	70-130	30
Dichlorodifluoromethane	40	37	92	40	36	90	2	30-146	30
Acetone	40	42	105	40	38	94	11	54-140	30
Carbon disulfide	40	39	98	40	39	98	0	59-130	30
2-Butanone	40	45	114	40	46	114	0	70-130	30
4-Methyl-2-pentanone	40	43	107	40	44	109	2	70-130	30
2-Hexanone	40	43	107	40	43	107	0	70-130	30
Bromochloromethane	40	38	95	40	39	98	3	70-130	30
1,2-Dibromoethane	40	36	89	40	37	92	3	70-130	30
1,2-Dibromo-3-chloropropane	40	35	88	40	36	90	2	68-130	30
Isopropylbenzene	40	38	95	40	38	96	1	70-130	30
1,2,3-Trichlorobenzene	40	42	106	40	43	107	1	70-130	30
1,2,4-Trichlorobenzene	40	45	113	40	46	116	3	70-130	30
Methyl Acetate	40	50	125	40	50	124	1	51-146	30
Cyclohexane	40	51	127	40	51	126	1	59-142	30
1,4-Dioxane	2000	2000	100	2000	2100	103	3	65-136	30
Freon-113	40	39	98	40	39	96	2	50-139	30
Methyl cyclohexane	40	35	86	40	35	87	1	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (HIGH)
 LCS Sample ID : WG2062414-3 Analysis Date : 05/02/25 07:36 File ID : V27250502A01
 LCSD Sample ID : WG2062414-4 Analysis Date : 05/02/25 07:57 File ID : V27250502A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Methylene chloride	2000	1500	74	2000	1700	86	15	70-130	30
1,1-Dichloroethane	2000	1700	82	2000	1900	93	13	70-130	30
Chloroform	2000	1900	94	2000	1800	92	2	70-130	30
Carbon tetrachloride	2000	2100	103	2000	2000	100	3	70-130	30
1,2-Dichloropropane	2000	2100	104	2000	2100	105	1	70-130	30
Dibromochloromethane	2000	1900	94	2000	1900	94	0	70-130	30
1,1,2-Trichloroethane	2000	1800	88	2000	1800	89	1	70-130	30
Tetrachloroethene	2000	2200	110	2000	2100	107	3	70-130	30
Chlorobenzene	2000	1900	96	2000	1900	94	2	70-130	30
Trichlorofluoromethane	2000	2000	99	2000	2000	100	1	70-139	30
1,2-Dichloroethane	2000	2100	104	2000	2100	106	2	70-130	30
1,1,1-Trichloroethane	2000	1900	96	2000	1900	96	0	70-130	30
Bromodichloromethane	2000	1900	93	2000	1900	96	3	70-130	30
trans-1,3-Dichloropropene	2000	1700	84	2000	1700	84	0	70-130	30
cis-1,3-Dichloropropene	2000	1900	93	2000	1900	94	1	70-130	30
Bromoform	2000	1800	90	2000	1800	90	0	70-130	30
1,1,2,2-Tetrachloroethane	2000	1500	74	2000	1500	77	4	70-130	30
Benzene	2000	2000	102	2000	2000	99	3	70-130	30
Toluene	2000	1800	90	2000	1700	87	3	70-130	30
Ethylbenzene	2000	1800	91	2000	1800	88	3	70-130	30
Chloromethane	2000	2500	125	2000	2500	127	2	52-130	30
Bromomethane	2000	2000	102	2000	1900	95	7	57-147	30
Vinyl chloride	2000	2100	103	2000	2000	102	1	67-130	30
Chloroethane	2000	1800	88	2000	1800	90	2	50-151	30
1,1-Dichloroethene	2000	1600	81	2000	1800	91	12	65-135	30
trans-1,2-Dichloroethene	2000	1800	88	2000	1900	96	9	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (HIGH)
 LCS Sample ID : WG2062414-3 Analysis Date : 05/02/25 07:36 File ID : V27250502A01
 LCSD Sample ID : WG2062414-4 Analysis Date : 05/02/25 07:57 File ID : V27250502A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Trichloroethene	2000	2100	104	2000	2100	104	0	70-130	30
1,2-Dichlorobenzene	2000	1900	95	2000	1900	94	1	70-130	30
1,3-Dichlorobenzene	2000	2000	100	2000	2000	98	2	70-130	30
1,4-Dichlorobenzene	2000	1900	95	2000	1900	93	2	70-130	30
Methyl tert butyl ether	2000	1400	71	2000	1700	84	17	66-130	30
p/m-Xylene	4000	3900	97	4000	3800	94	3	70-130	30
o-Xylene	4000	3700	93	4000	3600	91	2	70-130	30
cis-1,2-Dichloroethene	2000	1700	86	2000	1700	85	1	70-130	30
Styrene	4000	3600	91	4000	3700	91	0	70-130	30
Dichlorodifluoromethane	2000	1700	82	2000	1700	84	2	30-146	30
Acetone	2000	1900	93	2000	2700	134	36 Q	54-140	30
Carbon disulfide	2000	1500	76	2000	1800	91	18	59-130	30
2-Butanone	2000	2000	99	2000	2300	115	15	70-130	30
4-Methyl-2-pentanone	2000	1400	71	2000	1500	74	4	70-130	30
2-Hexanone	2000	1400	70	2000	1500	75	7	70-130	30
Bromochloromethane	2000	1900	95	2000	1700	87	9	70-130	30
1,2-Dibromoethane	2000	1800	90	2000	1800	92	2	70-130	30
1,2-Dibromo-3-chloropropane	2000	1500	73	2000	1600	79	8	68-130	30
Isopropylbenzene	2000	1800	92	2000	1700	87	6	70-130	30
1,2,3-Trichlorobenzene	2000	1900	97	2000	2000	98	1	70-130	30
1,2,4-Trichlorobenzene	2000	2000	99	2000	1900	96	3	70-130	30
Methyl Acetate	2000	1700	82	2000	2300	115	34 Q	51-146	30
Cyclohexane	2000	1900	97	2000	2000	101	4	59-142	30
1,4-Dioxane	100000	66000	66	100000	67000	67	2	65-136	30
Freon-113	2000	1700	84	2000	1900	95	12	50-139	30
Methyl cyclohexane	2000	1800	90	2000	1700	85	6	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2063196-3 Analysis Date : 05/05/25 13:54 File ID : V01250505A01
 LCSD Sample ID : WG2063196-4 Analysis Date : 05/05/25 14:19 File ID : V01250505A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	10	100	10	9.9	99	1	70-130	20
1,1-Dichloroethane	10	10	100	10	10	100	0	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	11	110	10	11	110	0	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	10	100	10	9.9	99	1	63-130	20
1,1,2-Trichloroethane	10	10	100	10	9.6	96	4	70-130	20
Tetrachloroethene	10	11	110	10	10	100	10	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	10	10	100	10	10	100	0	62-150	20
1,2-Dichloroethane	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	10	11	110	10	10	100	10	67-130	20
Bromodichloromethane	10	10	100	10	10	100	0	67-130	20
trans-1,3-Dichloropropene	10	9.6	96	10	9.1	91	5	70-130	20
cis-1,3-Dichloropropene	10	11	110	10	10	100	10	70-130	20
Bromoform	10	9.9	99	10	10	100	1	54-136	20
1,1,2,2-Tetrachloroethane	10	10	100	10	10	100	0	67-130	20
Benzene	10	11	110	10	10	100	10	70-130	20
Toluene	10	11	110	10	10	100	10	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	11	110	10	12	120	9	64-130	20
Bromomethane	10	11	110	10	12	120	9	39-139	20
Vinyl chloride	10	10	100	10	11	110	10	55-140	20
Chloroethane	10	10	100	10	10	100	0	55-138	20
1,1-Dichloroethene	10	9.7	97	10	10	100	3	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2063196-3 Analysis Date : 05/05/25 13:54 File ID : V01250505A01
 LCSD Sample ID : WG2063196-4 Analysis Date : 05/05/25 14:19 File ID : V01250505A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	10	100	10	10	100	0	70-130	20
1,2-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,3-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dichlorobenzene	10	9.9	99	10	9.8	98	1	70-130	20
Methyl tert butyl ether	10	10	100	10	10	100	0	63-130	20
p/m-Xylene	20	22	110	20	21	105	5	70-130	20
o-Xylene	20	21	105	20	21	105	0	70-130	20
cis-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20
Styrene	20	22	110	20	20	100	10	70-130	20
Dichlorodifluoromethane	10	10	100	10	11	110	10	36-147	20
Acetone	10	13	130	10	9.0	90	36 Q	58-148	20
Carbon disulfide	10	10	100	10	10	100	0	51-130	20
2-Butanone	10	9.0	90	10	8.5	85	6	63-138	20
4-Methyl-2-pentanone	10	10	100	10	9.1	91	9	59-130	20
2-Hexanone	10	8.8	88	10	8.3	83	6	57-130	20
Bromochloromethane	10	11	110	10	11	110	0	70-130	20
1,2-Dibromoethane	10	10	100	10	10	100	0	70-130	20
1,2-Dibromo-3-chloropropane	10	9.4	94	10	9.6	96	2	41-144	20
Isopropylbenzene	10	10	100	10	10	100	0	70-130	20
1,2,3-Trichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,2,4-Trichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dioxane	500	670	134	500	650	130	3	56-162	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2063492-3 Analysis Date : 05/06/25 06:30 File ID : V01250506A01
 LCSD Sample ID : WG2063492-4 Analysis Date : 05/06/25 06:56 File ID : V01250506A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	9.8	98	10	9.8	98	0	70-130	20
1,1-Dichloroethane	10	10	100	10	9.9	99	1	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	10	100	10	10	100	0	63-132	20
1,2-Dichloropropane	10	9.9	99	10	9.7	97	2	70-130	20
Dibromochloromethane	10	9.6	96	10	9.8	98	2	63-130	20
1,1,2-Trichloroethane	10	9.7	97	10	9.8	98	1	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	9.8	98	10	9.7	97	1	75-130	20
Trichlorofluoromethane	10	9.9	99	10	10	100	1	62-150	20
1,2-Dichloroethane	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	67-130	20
Bromodichloromethane	10	10	100	10	10	100	0	67-130	20
trans-1,3-Dichloropropene	10	8.9	89	10	9.1	91	2	70-130	20
cis-1,3-Dichloropropene	10	10	100	10	10	100	0	70-130	20
Bromoform	10	9.0	90	10	10	100	11	54-136	20
1,1,2,2-Tetrachloroethane	10	9.7	97	10	10	100	3	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	9.9	99	1	70-130	20
Ethylbenzene	10	9.9	99	10	9.6	96	3	70-130	20
Chloromethane	10	9.8	98	10	11	110	12	64-130	20
Bromomethane	10	14	140 Q	10	13	130	7	39-139	20
Vinyl chloride	10	9.5	95	10	10	100	5	55-140	20
Chloroethane	10	9.5	95	10	9.5	95	0	55-138	20
1,1-Dichloroethene	10	9.4	94	10	9.2	92	2	61-145	20
trans-1,2-Dichloroethene	10	10	100	10	9.9	99	1	70-130	20



Laboratory Control Sample Summary

Form 3

Volatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2063492-3 Analysis Date : 05/06/25 06:30 File ID : V01250506A01
 LCSD Sample ID : WG2063492-4 Analysis Date : 05/06/25 06:56 File ID : V01250506A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Trichloroethene	10	10	100	10	9.8	98	2	70-130	20
1,2-Dichlorobenzene	10	9.6	96	10	9.8	98	2	70-130	20
1,3-Dichlorobenzene	10	9.6	96	10	9.9	99	3	70-130	20
1,4-Dichlorobenzene	10	9.3	93	10	9.6	96	3	70-130	20
Methyl tert butyl ether	10	9.7	97	10	9.9	99	2	63-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	9.9	99	1	70-130	20
Styrene	20	20	100	20	20	100	0	70-130	20
Dichlorodifluoromethane	10	9.4	94	10	10	100	6	36-147	20
Acetone	10	9.9	99	10	8.6	86	14	58-148	20
Carbon disulfide	10	9.2	92	10	9.2	92	0	51-130	20
2-Butanone	10	8.2	82	10	8.6	86	5	63-138	20
4-Methyl-2-pentanone	10	9.0	90	10	9.0	90	0	59-130	20
2-Hexanone	10	7.6	76	10	7.8	78	3	57-130	20
Bromochloromethane	10	11	110	10	10	100	10	70-130	20
1,2-Dibromoethane	10	9.7	97	10	10	100	3	70-130	20
1,2-Dibromo-3-chloropropane	10	8.6	86	10	9.6	96	11	41-144	20
Isopropylbenzene	10	9.5	95	10	9.6	96	1	70-130	20
1,2,3-Trichlorobenzene	10	9.3	93	10	10	100	7	70-130	20
1,2,4-Trichlorobenzene	10	9.2	92	10	9.8	98	6	70-130	20
Methyl Acetate	10	9.4	94	10	9.5	95	1	70-130	20
Cyclohexane	10	9.1	91	10	8.8	88	3	70-130	20
1,4-Dioxane	500	640	128	500	680	136	6	56-162	20
Freon-113	10	9.4	94	10	9.3	93	1	70-130	20
Methyl cyclohexane	10	9.6	96	10	9.3	93	3	70-130	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA
 Client Sample ID : SOIL-104_8-10
 Lab Sample ID : L2524225-09
 Matrix Spike : WG2061711-6
 Matrix Spike Dup : WG2061711-7

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : SOIL (HIGH)
 Analysis Date : 05/01/25 17:56
 MS Analysis Date : 05/06/25 08:06
 MSD Analysis Date : 05/06/25 08:32

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Methylene chloride	ND	5700	4800	85	5700	5100	90	6	70-130	30
1,1-Dichloroethane	ND	5700	5900	103	5700	6300	111	8	70-130	30
Chloroform	ND	5700	4700	82	5700	5000	88	7	70-130	30
Carbon tetrachloride	ND	5700	4900	85	5700	5300	93	8	70-130	30
1,2-Dichloropropane	ND	5700	5800	102	5700	6400	112	9	70-130	30
Dibromochloromethane	ND	5700	4600	80	5700	4900	86	7	70-130	30
1,1,2-Trichloroethane	ND	5700	4600	81	5700	5000	87	7	70-130	30
Tetrachloroethene	ND	5700	4100	72	5700	4300	75	3	70-130	30
Chlorobenzene	ND	5700	3800	67 Q	5700	3900	69 Q	3	70-130	30
Trichlorofluoromethane	ND	5700	3400	60 Q	5700	3300	58 Q	3	70-139	30
1,2-Dichloroethane	ND	5700	5100	90	5700	5600	99	9	70-130	30
1,1,1-Trichloroethane	ND	5700	4700	82	5700	5100	90	8	70-130	30
Bromodichloromethane	ND	5700	4400	78	5700	4800	84	8	70-130	30
trans-1,3-Dichloropropene	ND	5700	4300	75	5700	4600	80	7	70-130	30
cis-1,3-Dichloropropene	ND	5700	4800	84	5700	5200	92	9	70-130	30
Bromoform	ND	5700	4400	78	5700	4800	84	7	70-130	30
1,1,2,2-Tetrachloroethane	ND	5700	4100	71	5700	4400	77	9	70-130	30
Benzene	240	5700	4900	81	5700	5300	88	7	70-130	30
Toluene	5800	5700	7800	35 Q	5700	8000	38 Q	2	70-130	30
Ethylbenzene	2300	5700	4500	39 Q	5700	4500	38 Q	0	70-130	30
Chloromethane	ND	5700	9500	166 Q	5700	10000	177 Q	6	52-130	30
Bromomethane	ND	5700	5400	95	5700	5700	101	6	57-147	30



Matrix Spike Sample Summary

Form 3

Volatiles

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA
 Client Sample ID : SOIL-104_8-10
 Lab Sample ID : L2524225-09
 Matrix Spike : WG2061711-6
 Matrix Spike Dup : WG2061711-7

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : SOIL (HIGH)
 Analysis Date : 05/01/25 17:56
 MS Analysis Date : 05/06/25 08:06
 MSD Analysis Date : 05/06/25 08:32

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Vinyl chloride	ND	5700	7300	127	5700	7700	135 Q	6	67-130	30
Chloroethane	ND	5700	2000	35 Q	5700	2100	36 Q	4	50-151	30
1,1-Dichloroethene	ND	5700	5600	98	5700	5900	104	5	65-135	30
trans-1,2-Dichloroethene	ND	5700	5100	89	5700	5500	96	7	70-130	30
Trichloroethene	ND	5700	4800	85	5700	5300	92	8	70-130	30
1,2-Dichlorobenzene	ND	5700	3500	62 Q	5700	3500	61 Q	2	70-130	30
1,3-Dichlorobenzene	ND	5700	3200	57 Q	5700	3100	54 Q	4	70-130	30
1,4-Dichlorobenzene	ND	5700	3100	55 Q	5700	3000	52 Q	5	70-130	30
Methyl tert butyl ether	ND	5700	5400	94	5700	5800	101	7	66-130	30
p/m-Xylene	10000	11000	12000	14 Q	11000	11000	13 Q	2	70-130	30
o-Xylene	3800	11000	9000	47 Q	11000	9000	47 Q	0	70-130	30
cis-1,2-Dichloroethene	ND	5700	4800	84	5700	5200	91	8	70-130	30
Styrene	ND	11000	6800	62 Q	11000	6900	62 Q	1	70-130	30
Dichlorodifluoromethane	ND	5700	6200	108	5700	6400	113	4	30-146	30
Acetone	ND	5700	7100	125	5700	7700	135	8	54-140	30
Carbon disulfide	ND	5700	5300	94	5700	5700	99	6	59-130	30
2-Butanone	ND	5700	9700	170 Q	5700	11000	186 Q	9	70-130	30
4-Methyl-2-pentanone	ND	5700	6500	113	5700	7100	125	10	70-130	30
2-Hexanone	ND	5700	7100	124	5700	7800	138 Q	10	70-130	30
Bromochloromethane	ND	5700	5200	92	5700	5700	100	8	70-130	30
1,2-Dibromoethane	ND	5700	4800	85	5700	5200	92	8	70-130	30
1,2-Dibromo-3-chloropropane	ND	5700	5100	89	5700	5700	100	11	68-130	30



Matrix Spike Sample Summary

Form 3

Volatiles

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA
 Client Sample ID : SOIL-104_8-10
 Lab Sample ID : L2524225-09
 Matrix Spike : WG2061711-6
 Matrix Spike Dup : WG2061711-7

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : SOIL (HIGH)
 Analysis Date : 05/01/25 17:56
 MS Analysis Date : 05/06/25 08:06
 MSD Analysis Date : 05/06/25 08:32

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			%R	Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit	
		Spike Added (ug/kg)	Spike Conc. (ug/kg)			Spike Added (ug/kg)	Spike Conc. (ug/kg)					
Isopropylbenzene	300	5700	3000	48	Q	5700	2900	46	Q	3	70-130	30
1,2,3-Trichlorobenzene	ND	5700	3700	66	Q	5700	3800	67	Q	2	70-130	30
1,2,4-Trichlorobenzene	ND	5700	3600	62	Q	5700	3600	63	Q	1	70-130	30
Methyl Acetate	ND	5700	9300	162	Q	5700	10000	181	Q	11	51-146	30
Cyclohexane	1700	5700	8300	116		5700	8900	126		7	59-142	30
1,4-Dioxane	ND	290000	310000	106		290000	340000	118		11	65-136	30
Freon-113	ND	5700	6100	107		5700	6400	113		5	50-139	30
Methyl cyclohexane	1300	5700	5500	74		5700	5900	80		6	70-130	30



Matrix Spike Sample Summary Form 3

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Client Sample ID	: MW-102-20250424	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2524225-13	Analysis Date	: 05/06/25 00:17
Matrix Spike	: WG2063196-6	MS Analysis Date	: 05/06/25 00:43
Matrix Spike Dup	: WG2063196-7	MSD Analysis Date	: 05/06/25 01:09

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
Methylene chloride	ND	10	8.6	86	10	9.4	94	9	70-130	20
1,1-Dichloroethane	ND	10	8.8	88	10	9.7	97	10	70-130	20
Chloroform	2.8	10	11	82	10	12	92	9	70-130	20
Carbon tetrachloride	ND	10	9.2	92	10	9.2	92	0	63-132	20
1,2-Dichloropropane	ND	10	8.4	84	10	9.3	93	10	70-130	20
Dibromochloromethane	ND	10	8.5	85	10	9.4	94	10	63-130	20
1,1,2-Trichloroethane	ND	10	8.7	87	10	9.4	94	8	70-130	20
Tetrachloroethene	2.8	10	11	82	10	11	82	0	70-130	20
Chlorobenzene	ND	10	8.6	86	10	8.8	88	2	75-130	20
Trichlorofluoromethane	ND	10	8.9	89	10	9.3	93	4	62-150	20
1,2-Dichloroethane	ND	10	8.9	89	10	9.9	99	11	70-130	20
1,1,1-Trichloroethane	ND	10	9.3	93	10	9.8	98	5	67-130	20
Bromodichloromethane	ND	10	8.7	87	10	9.5	95	9	67-130	20
trans-1,3-Dichloropropene	ND	10	7.6	76	10	8.2	82	8	70-130	20
cis-1,3-Dichloropropene	ND	10	8.4	84	10	9.2	92	9	70-130	20
Bromoform	ND	10	8.5	85	10	9.4	94	10	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	9.0	90	10	9.8	98	9	67-130	20
Benzene	ND	10	8.8	88	10	9.4	94	7	70-130	20
Toluene	ND	10	8.6	86	10	8.9	89	3	70-130	20
Ethylbenzene	ND	10	8.4	84	10	8.2	82	2	70-130	20
Chloromethane	ND	10	8.7	87	10	10	100	14	64-130	20
Bromomethane	ND	10	6.1	61	10	9.3	93	42 Q	39-139	20



Matrix Spike Sample Summary Form 3

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA
 Client Sample ID : MW-102-20250424
 Lab Sample ID : L2524225-13
 Matrix Spike : WG2063196-6
 Matrix Spike Dup : WG2063196-7

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : WATER (LOW)
 Analysis Date : 05/06/25 00:17
 MS Analysis Date : 05/06/25 00:43
 MSD Analysis Date : 05/06/25 01:09

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
Vinyl chloride	ND	10	8.7	87	10	10	100	14	55-140	20
Chloroethane	ND	10	8.1	81	10	9.4	94	15	55-138	20
1,1-Dichloroethene	ND	10	9.3	93	10	9.9	99	6	61-145	20
trans-1,2-Dichloroethene	ND	10	8.8	88	10	9.4	94	7	70-130	20
Trichloroethene	2.3	10	11	87	10	11	87	0	70-130	20
1,2-Dichlorobenzene	ND	10	8.2	82	10	8.6	86	5	70-130	20
1,3-Dichlorobenzene	ND	10	8.1	81	10	8.2	82	1	70-130	20
1,4-Dichlorobenzene	ND	10	7.8	78	10	8.0	80	3	70-130	20
Methyl tert butyl ether	ND	10	8.7	87	10	9.9	99	13	63-130	20
p/m-Xylene	ND	20	17	85	20	17	85	0	70-130	20
o-Xylene	ND	20	17	85	20	18	90	6	70-130	20
cis-1,2-Dichloroethene	ND	10	8.5	85	10	9.6	96	12	70-130	20
Styrene	ND	20	17	85	20	17	85	0	70-130	20
Dichlorodifluoromethane	ND	10	7.8	78	10	8.4	84	7	36-147	20
Acetone	2.1J	10	9.4	94	10	11	110	16	58-148	20
Carbon disulfide	ND	10	8.9	89	10	9.3	93	4	51-130	20
2-Butanone	ND	10	7.2	72	10	9.9	99	32 Q	63-138	20
4-Methyl-2-pentanone	ND	10	8.1	81	10	8.9	89	9	59-130	20
2-Hexanone	ND	10	7.8	78	10	7.1	71	9	57-130	20
Bromochloromethane	ND	10	9.4	94	10	10	100	6	70-130	20
1,2-Dibromoethane	ND	10	8.5	85	10	9.4	94	10	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	8.4	84	10	9.0	90	7	41-144	20



Matrix Spike Sample Summary Form 3

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIATION
 Client Sample ID : MW-102-20250424
 Lab Sample ID : L2524225-13
 Matrix Spike : WG2063196-6
 Matrix Spike Dup : WG2063196-7

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : WATER (LOW)
 Analysis Date : 05/06/25 00:17
 MS Analysis Date : 05/06/25 00:43
 MSD Analysis Date : 05/06/25 01:09

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
Isopropylbenzene	ND	10	7.9	79	10	7.8	78	1	70-130	20
1,2,3-Trichlorobenzene	ND	10	8.4	84	10	8.8	88	5	70-130	20
1,2,4-Trichlorobenzene	ND	10	7.9	79	10	8.1	81	2	70-130	20
Methyl Acetate	ND	10	7.1	71	10	8.0	80	12	70-130	20
Cyclohexane	ND	10	7.0J	70	10	7.2J	72	3	70-130	20
1,4-Dioxane	ND	500	580	116	500	620	124	7	56-162	20
Freon-113	ND	10	7.9	79	10	8.0	80	1	70-130	20
Methyl cyclohexane	ND	10	6.6J	66 Q	10	6.8J	68 Q	3	70-130	20



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2061204-5	Date Collected	: NA
Client ID	: WG2061204-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/30/25 23:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23250430N05	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

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	1.7	2.0	0.58	J
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2061204-5	Date Collected	: NA
Client ID	: WG2061204-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/30/25 23:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23250430N05	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

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2061204-5	Date Collected	: NA
Client ID	: WG2061204-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/30/25 23:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V23250430N05	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

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2061775-5	Date Collected	: NA
Client ID	: WG2061775-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/02/25 10:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04250502A05	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2061775-5	Date Collected	: NA
Client ID	: WG2061775-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/02/25 10:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04250502A05	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
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	0.38	2.0	0.32	J
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2061775-5	Date Collected	: NA
Client ID	: WG2061775-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/02/25 10:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04250502A05	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2064895-5	Date Collected	: NA
Client ID	: WG2064895-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/08/25 21:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V29250508N05	Instrument ID	: VOA129
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	9.9	75	7.0	J
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2064895-5	Date Collected	: NA
Client ID	: WG2064895-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/08/25 21:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V29250508N05	Instrument ID	: VOA129
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	130	500	110	J
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Lab ID	: WG2064895-5	Date Collected	: NA
Client ID	: WG2064895-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/08/25 21:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: TMH
Lab File ID	: V29250508N05	Instrument ID	: VOA129
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U



Initial Calibration Summary

Form 6

Volatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : VOA101 **Ical Ref** : ICAL22247
Calibration dates : 05/03/25 06:07 05/03/25 10:26

Calibration Files

L11 =V01250503B03.D L1 =V01250503B05.D L2 =V01250503B08.D L3 =V01250503B09.D L4 =V01250503B10.D
 L6 =V01250503B11.D L8 =V01250503B12.D L10 =V01250503B13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.198	0.320	0.320	0.347	0.338	0.323	0.292	0.305	16.48
3) TP Chloromethane		0.141	0.174	0.163	0.194	0.196	0.200	0.201	0.181	12.63
4) TP Vinyl chloride	0.220	0.174	0.261	0.259	0.294	0.306	0.302	0.282	0.262	17.31
5) TP Bromomethane		0.051	0.051	0.061	0.084	0.124	0.143		*Q	0.9988
6) TP Chloroethane		0.126	0.169	0.151	0.155	0.151	0.149	0.137	0.148	9.28
7) TP Trichlorofluor		0.280	0.384	0.369	0.373	0.364	0.353	0.332	0.351	10.10
8) TP Ethyl ether		0.110	0.108	0.106	0.105	0.105	0.104	0.098	0.105	3.64
10) TP 1,1-Dichloroet		0.155	0.227	0.226	0.227	0.223	0.225	0.226	0.215	12.40
11) TP Carbon disulfide		0.583	0.724	0.727	0.744	0.735	0.759	0.760	0.719	8.57
12) TP Freon-113		0.156	0.224	0.241	0.235	0.222	0.226	0.219	0.217	12.96
14) TP Acrolein			0.015	0.018	0.018	0.018	0.019	0.020	0.018	8.10
15) TP Methylene chlo		0.274	0.261	0.245	0.246	0.244	0.245	0.241	0.251	4.82
17) TP Acetone			0.028	0.025	0.025	0.024	0.025	0.025	0.025	5.71
18) TP trans-1,2-Dich		0.188	0.247	0.242	0.249	0.244	0.248	0.240	0.237	9.17
19) TP Methyl acetate		0.062	0.061	0.059	0.060	0.062	0.066	0.065	0.062	4.14
20) TP Methyl tert butyl ether		0.463	0.484	0.489	0.504	0.494	0.501	0.481	0.488	2.88
21) TP tert-Butyl alc		0.004	0.007	0.007	0.007	0.007	0.007	0.007	0.006#	19.45
22) TP Diisopropyl ether		0.448	0.483	0.493	0.499	0.505	0.534	0.535	0.500	6.08
23) TP 1,1-Dichloroet		0.343	0.434	0.418	0.424	0.415	0.426	0.414	0.411	7.46
24) TP Halothane		0.143	0.193	0.185	0.190	0.186	0.188	0.179	0.180	9.57
25) TP Acrylonitrile			0.027	0.033	0.033	0.034	0.036	0.036	0.033	9.19
26) TP Ethyl tert-but		0.458	0.493	0.499	0.517	0.522	0.540	0.526	0.508	5.36
27) TP Vinyl acetate		0.199	0.213	0.230	0.230	0.232	0.250	0.241	0.228	7.46
28) TP cis-1,2-Dichlo		0.226	0.283	0.268	0.269	0.267	0.270	0.260	0.263	6.80
29) TP 2,2-Dichloropr		0.245	0.338	0.320	0.342	0.334	0.337	0.320	0.319	10.71
30) TP Bromochloromet		0.110	0.119	0.117	0.119	0.109	0.104	0.096	0.110	7.95
31) TP Cyclohexane		0.244	0.344	0.355	0.358	0.361	0.384	0.378	0.346	13.60
32) TP Chloroform		0.399	0.448	0.430	0.446	0.430	0.434	0.413	0.429	4.08
33) TP Ethyl acetate			0.084	0.088	0.087	0.090	0.095	0.093	0.090	4.43
34) TP Carbon tetrachloride	0.284	0.236	0.327	0.340	0.350	0.344	0.342	0.329	0.319	12.27
35) TP Tetrahydrofuran			0.027	0.026	0.027	0.026	0.028	0.027	0.027	2.68
36) S Dibromofluoromethane	0.265	0.266	0.265	0.266	0.272	0.262	0.259	0.250	0.263	2.49
37) TP 1,1,1-Trichloroethane		0.278	0.382	0.380	0.393	0.381	0.382	0.363	0.366	10.79
39) TP 2-Butanone			0.035	0.034	0.034	0.035	0.037	0.037	0.035	4.10
40) TP 1,1-Dichloropropene		0.229	0.326	0.329	0.340	0.332	0.338	0.325	0.317	12.36



Initial Calibration Summary

Form 6

Volatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : VOA101 **Ical Ref** : ICAL22247
Calibration dates : 05/03/25 06:07 05/03/25 10:26

Calibration Files

L11 =V01250503B03.D L1 =V01250503B05.D L2 =V01250503B08.D L3 =V01250503B09.D L4 =V01250503B10.D
 L6 =V01250503B11.D L8 =V01250503B12.D L10 =V01250503B13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
41) TP Benzene	0.926	0.845	1.014	1.001	1.021	1.007	1.021	1.009	0.981	6.40
42) TP Tertiary-Amyl Methyl Ether		0.433	0.480	0.484	0.506	0.514	0.521	0.518	0.494	6.33
43) S 1,2-Dichloroethane-d4	0.260	0.263	0.268	0.264	0.266	0.260	0.260	0.254	0.262	1.75
44) TP 1,2-Dichloroethane	0.236	0.251	0.262	0.255	0.257	0.252	0.247	0.241	0.250	3.40
47) TP Methyl cyclohe		0.294	0.440	0.456	0.458	0.462	0.479	0.462	0.436	14.62
48) TP Trichloroethene	0.228	0.216	0.287	0.264	0.276	0.271	0.272	0.265	0.260	9.49
50) TP Dibromomethane		0.114	0.126	0.123	0.125	0.123	0.124	0.121	0.122	3.25
51) TP 1,2-Dichloropr		0.189	0.222	0.231	0.237	0.235	0.242	0.244	0.229	8.31
53) TP 2-Chloroethyl			0.006	0.008	0.009	0.008	0.007	0.006	0.007#	16.11
54) TP Bromodichloromethane		0.266	0.317	0.316	0.331	0.329	0.330	0.326	0.316	7.27
57) TP 1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	8.03
58) TP cis-1,3-Dichloropropene	0.253	0.276	0.329	0.351	0.385	0.391	0.395	0.391	0.346	16.14
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.350	1.384	1.382	1.396	1.387	1.353	1.330	1.417	1.375	2.06
61) TP Toluene		0.664	0.855	0.849	0.851	0.823	0.823	0.864	0.818	8.55
62) TP 4-Methyl-2-pen			0.040	0.046	0.050	0.050	0.052	0.057	0.049	11.98
63) TP Tetrachloroethene	0.293	0.253	0.360	0.359	0.358	0.343	0.339	0.347	0.331	11.62
65) TP trans-1,3-Dichloropropene	0.212	0.267	0.344	0.366	0.395	0.395	0.394	0.416	*L	0.9992
67) TP Ethyl methacry			0.224	0.259	0.280	0.284	0.298	0.300	0.274	10.49
68) TP 1,1,2-Trichlor		0.192	0.203	0.204	0.200	0.190	0.195	0.197	0.197#	2.61
69) TP Chlorodibromomethane		0.225	0.267	0.277	0.291	0.290	0.294	0.291	0.276	8.95
70) TP 1,3-Dichloropr		0.408	0.413	0.411	0.416	0.409	0.420	0.418	0.413	1.08
71) TP 1,2-Dibromoethane		0.176	0.219	0.218	0.222	0.220	0.224	0.221	0.214	7.99
72) TP 2-Hexanone			0.053	0.066	0.073	0.075	0.082	0.083	0.072	15.52
73) TP Chlorobenzene		0.829	0.947	0.929	0.949	0.929	0.944	0.923	0.921	4.56
74) TP Ethylbenzene		1.278	1.590	1.634	1.680	1.658	1.704	1.673	1.603	9.21
75) TP 1,1,1,2-Tetrachloroethane		0.271	0.306	0.309	0.322	0.317	0.319	0.312	0.308	5.64
76) TP p/m Xylene		0.474	0.606	0.629	0.646	0.633	0.643	0.602	0.605	9.91
77) TP o Xylene		0.452	0.605	0.609	0.623	0.609	0.612	0.575	0.584	10.23
78) TP Styrene		0.693	0.959	0.976	1.019	1.010	1.015	0.946	0.945	12.17
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform		0.188	0.241	0.260	0.262	0.268	0.296	0.296	0.259	14.25
82) TP Isopropylbenzene		2.288	3.046	3.063	2.973	3.167	3.318	3.266	3.017	11.40
83) S 4-Bromofluorobenzene	0.959	0.968	0.945	0.942	0.909	0.995	1.006	1.023	0.968	3.88
84) TP Bromobenzene		0.597	0.668	0.662	0.628	0.667	0.686	0.680	0.655	4.85
85) TP n-Propylbenzene		2.697	3.572	3.602	3.449	3.720	3.866	3.768	3.525	11.06



Initial Calibration Summary

Form 6

Volatiles

Client : CHA Companies
Project Name : SYR GATEWAY APARTMENTS-REMEDIA
Instrument ID : VOA101
Calibration dates : 05/03/25 06:07 05/03/25 10:26
Lab Number : L2524225
Project Number : 086328
Ical Ref : ICAL22247

Calibration Files

L11 =V01250503B03.D L1 =V01250503B05.D L2 =V01250503B08.D L3 =V01250503B09.D L4 =V01250503B10.D
 L6 =V01250503B11.D L8 =V01250503B12.D L10 =V01250503B13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
86) TP 1,4-Dichlorobu	0.498	0.533	0.542	0.526	0.584	0.618	0.626	0.561	8.72	
87) TP 1,1,2,2-Tetrachloroethane	0.388	0.480	0.499	0.481	0.452	0.482	0.497	0.491	0.471	7.80
88) TP 4-Ethyltoluene	2.192	2.907	2.947	2.875	3.050	3.161	3.105	2.891	11.26	
89) TP 2-Chlorotoluene	1.776	2.118	2.060	2.005	2.146	2.262	2.213	2.083	7.72	
90) TP 1,3,5-Trimethy	1.938	2.416	2.431	2.352	2.502	2.588	2.537	2.395	9.04	
91) TP 1,2,3-Trichlor	0.385	0.390	0.383	0.361	0.386	0.395	0.384	0.383	2.74	
92) TP trans-1,4-Dich	0.069	0.077	0.084	0.094	0.097	0.097	0.086	13.79		
93) TP 4-Chlorotoluene	1.776	2.047	2.108	2.057	2.199	2.285	2.266	2.105	8.25	
94) TP tert-Butylbenzene	1.415	1.999	2.066	2.120	2.123	2.191	2.138	2.007	13.36	
97) TP 1,2,4-Trimethy	1.727	2.271	2.341	2.426	2.434	2.510	2.464	2.310	11.66	
98) TP sec-Butylbenzene	2.143	2.997	3.023	3.103	3.122	3.238	3.158	2.969	12.57	
99) TP p-Isopropyltol	1.678	2.359	2.490	2.591	2.582	2.677	2.608	2.426	14.24	
100) TP 1,3-Dichlorobe	1.042	1.295	1.262	1.295	1.285	1.308	1.282	1.253	7.50	
101) TP 1,4-Dichlorobe	1.286	1.339	1.263	1.288	1.288	1.301	1.280	1.292	1.83	
102) TP p-Diethylbenzene	0.951	1.299	1.392	1.470	1.474	1.530	1.489	1.372	14.63	
103) TP n-Butylbenzene	1.353	1.963	2.035	2.133	2.155	2.254	2.211	2.015	15.30	
104) TP 1,2-Dichlorobe	0.967	1.110	1.103	1.132	1.119	1.138	1.117	1.098	5.39	
105) TP 1,2,4,5-Tetram	1.277	1.637	1.842	2.003	2.050	2.111	2.073	1.856	16.37	
106) TP 1,2-Dibromo-3-	0.047	0.050	0.055	0.057	0.059	0.059	0.054	9.13		
107) TP 1,3,5-Trichlor	0.562	0.667	0.653	0.686	0.693	0.712	0.700	0.668	7.58	
108) TP Hexachlorobuta	0.173	0.240	0.226	0.242	0.250	0.264	0.267	0.237	13.40	
109) TP 1,2,4-Trichlor	0.406	0.494	0.512	0.542	0.548	0.568	0.565	0.519	10.94	
110) TP Naphthalene	0.665	0.862	0.941	1.023	1.042	1.085	1.079	0.957	15.83	
111) TP 1,2,3-Trichlor	0.315	0.384	0.376	0.390	0.396	0.410	0.409	0.383#	8.44	



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA123	Calibration Date : 04/30/25 21:20
Lab File ID : V23250430N01	Init. Calib. Date(s) : 04/18/25 04/18/25
Sample No : WG2061204-2	Init. Calib. Times : 14:54 19:39
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	69	0
Dichlorodifluoromethane	0.332	0.242	-	27.1*	20	53	0
Chloromethane	0.295	0.254	-	13.9	20	61	0
Vinyl chloride	0.331	0.309	-	6.6	20	67	0
Bromomethane	0.223	0.286	-	-28.3*	20	95	0
Chloroethane	0.2	0.219	-	-9.5	20	80	0
Trichlorofluoromethane	0.413	0.352	-	14.8	20	61	0
Ethyl ether	0.146	0.146	-	0	20	69	0
1,1-Dichloroethene	0.234	0.195	-	16.7	20	60	0
Carbon disulfide	0.911	0.683	-	25*	20	58	0
Freon-113	0.248	0.198	-	20.2*	20	58	0
Acrolein	0.03	0.029	-	3.3	20	60	0
Methylene chloride	0.32	0.268	-	16.2	20	66	0
Acetone	40	33.654	-	15.9	20	59	0
trans-1,2-Dichloroethene	0.268	0.236	-	11.9	20	63	0
Methyl acetate	0.117	0.118	-	-0.9	20	67	0
Methyl tert-butyl ether	0.761	0.72	-	5.4	20	65	0
tert-Butyl alcohol	0.023	0.02	-	13	20	59	0
Diisopropyl ether	0.853	0.779	-	8.7	20	63	0
1,1-Dichloroethane	0.503	0.445	-	11.5	20	62	0
Halothane	0.191	0.158	-	17.3	20	60	0
Acrylonitrile	0.058	0.053	-	8.6	20	63	0
Ethyl tert-butyl ether	0.857	0.792	-	7.6	20	64	0
Vinyl acetate	0.402	0.266	-	33.8*	20	45	0
cis-1,2-Dichloroethene	0.294	0.272	-	7.5	20	66	0
2,2-Dichloropropane	0.428	0.349	-	18.5	20	58	0
Bromochloromethane	0.129	0.122	-	5.4	20	65	0
Cyclohexane	0.44	0.335	-	23.9*	20	56	0
Chloroform	0.511	0.453	-	11.4	20	63	0
Ethyl acetate	0.179	0.173	-	3.4	20	64	0
Carbon tetrachloride	0.391	0.307	-	21.5*	20	56	0
Tetrahydrofuran	0.06	0.053	-	11.7	20	62	0
Dibromofluoromethane	0.259	0.266	-	-2.7	20	69	0
1,1,1-Trichloroethane	0.43	0.36	-	16.3	20	60	0
2-Butanone	0.07	0.072	-	-2.9	20	74	0
1,1-Dichloropropene	0.332	0.281	-	15.4	20	59	0
Benzene	1.01	0.951	-	5.8	20	66	0
tert-Amyl methyl ether	0.741	0.705	-	4.9	20	65	0
1,2-Dichloroethane-d4	0.266	0.259	-	2.6	20	67	0
1,2-Dichloroethane	0.372	0.343	-	7.8	20	64	0
Methyl cyclohexane	0.451	0.374	-	17.1	20	61	0
Trichloroethene	0.282	0.285	-	-1.1	20	73	0
Dibromomethane	0.157	0.174	-	-10.8	20	75	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA123	Calibration Date : 04/30/25 21:20
Lab File ID : V23250430N01	Init. Calib. Date(s) : 04/18/25 04/18/25
Sample No : WG2061204-2	Init. Calib. Times : 14:54 19:39
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.271	0.293	-	-8.1	20	74	0
2-Chloroethyl vinyl ether	0.135	0.146	-	-8.1	20	68	0
Bromodichloromethane	0.394	0.414	-	-5.1	20	72	0
1,4-Dioxane	2000	1590.764	-	20.5*	20	53	0
cis-1,3-Dichloropropene	0.423	0.469	-	-10.9	20	73	0
Chlorobenzene-d5	1	1	-	0	20	69	0
Toluene-d8	1.374	1.425	-	-3.7	20	73	0
Toluene	0.927	0.853	-	8	20	67	0
4-Methyl-2-pentanone	0.1	0.09	-	10	20	61	0
Tetrachloroethene	0.388	0.325	-	16.2	20	61	0
trans-1,3-Dichloropropene	0.526	0.484	-	8	20	61	0
Ethyl methacrylate	0.376	0.335	-	10.9	20	59	0
1,1,2-Trichloroethane	0.261	0.252	-	3.4	20	67	0
Chlorodibromomethane	0.386	0.357	-	7.5	20	62	0
1,3-Dichloropropane	0.517	0.497	-	3.9	20	66	0
1,2-Dibromoethane	0.279	0.284	-	-1.8	20	64	0
2-Hexanone	0.169	0.131	-	22.5*	20	55	0
Chlorobenzene	1.026	0.912	-	11.1	20	63	0
Ethylbenzene	1.766	1.518	-	14	20	62	0
1,1,1,2-Tetrachloroethane	0.386	0.344	-	10.9	20	62	0
p/m Xylene	0.653	0.577	-	11.6	20	62	0
o Xylene	0.655	0.58	-	11.5	20	63	0
Styrene	1.063	1.001	-	5.8	20	63	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	68	0
Bromoform	0.464	0.418	-	9.9	20	60	0
Isopropylbenzene	3.235	2.757	-	14.8	20	61	0
4-Bromofluorobenzene	0.95	1.067	-	-12.3	20	77	0
Bromobenzene	0.838	0.833	-	0.6	20	70	0
n-Propylbenzene	3.893	3.812	-	2.1	20	70	0
1,4-Dichlorobutane	1.017	1.057	-	-3.9	20	73	0
1,1,2,2-Tetrachloroethane	0.73	0.748	-	-2.5	20	71	0
4-Ethyltoluene	3.197	3.121	-	2.4	20	69	0
2-Chlorotoluene	2.441	2.477	-	-1.5	20	73	0
1,3,5-Trimethylbenzene	2.841	2.816	-	0.9	20	71	0
1,2,3-Trichloropropane	0.575	0.608	-	-5.7	20	75	0
trans-1,4-Dichloro-2-buten	0.205	0.188	-	8.3	20	69	0
4-Chlorotoluene	2.461	2.501	-	-1.6	20	71	0
tert-Butylbenzene	2.37	2.325	-	1.9	20	71	0
1,2,4-Trimethylbenzene	2.786	2.887	-	-3.6	20	73	0
sec-Butylbenzene	3.571	3.504	-	1.9	20	70	0
p-Isopropyltoluene	3.035	2.677	-	11.8	20	62	0
1,3-Dichlorobenzene	1.556	1.463	-	6	20	65	0
1,4-Dichlorobenzene	1.616	1.417	-	12.3	20	63	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: VOA123	Calibration Date	: 04/30/25 21:20
Lab File ID	: V23250430N01	Init. Calib. Date(s)	: 04/18/25 04/18/25
Sample No	: WG2061204-2	Init. Calib. Times	: 14:54 19:39
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.786	1.513	-	15.3	20	60	0
n-Butylbenzene	2.716	2.339	-	13.9	20	60	0
1,2-Dichlorobenzene	1.492	1.339	-	10.3	20	63	0
1,2,4,5-Tetramethylbenzene	2.933	2.531	-	13.7	20	61	0
1,2-Dibromo-3-chloropropan	0.107	0.088	-	17.8	20	57	0
1,3,5-Trichlorobenzene	1.197	1.062	-	11.3	20	64	0
Hexachlorobutadiene	0.603	0.503	-	16.6	20	60	0
1,2,4-Trichlorobenzene	1.008	0.937	-	7	20	64	0
Naphthalene	2.257	1.787	-	20.8*	20	61	0
1,2,3-Trichlorobenzene	0.874	0.819	-	6.3	20	64	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: VOA104	Calibration Date	: 05/01/25 07:01
Lab File ID	: V04250501A01	Init. Calib. Date(s)	: 12/20/24 12/20/24
Sample No	: WG2061711-2	Init. Calib. Times	: 07:44 12:30
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	132	0
Dichlorodifluoromethane	0.347	0.392	-	-13	20	154	0
Chloromethane	0.293	0.502	-	-71.3*	20	237	0
Vinyl chloride	0.34	0.431	-	-26.8*	20	170	0
Bromomethane	0.228	0.238	-	-4.4	20	144	0
Chloroethane	0.206	0.207	-	-0.5	20	130	0
Trichlorofluoromethane	0.53	0.546	-	-3	20	132	0
Ethyl ether	0.124	0.145	-	-16.9	20	157	0
1,1-Dichloroethene	0.287	0.303	-	-5.6	20	146	0
Carbon disulfide	0.936	1.05	-	-12.2	20	152	0
Freon-113	0.308	0.341	-	-10.7	20	143	0
Acrolein	0.028	0.04	-	-42.9*	20	190	0
Methylene chloride	0.33	0.313	-	5.2	20	134	0
Acetone	0.062	0.071	-	-14.5	20	167	0
trans-1,2-Dichloroethene	0.309	0.324	-	-4.9	20	143	0
Methyl acetate	0.093	0.127	-	-36.6*	20	184	0
Methyl tert-butyl ether	0.729	0.716	-	1.8	20	134	0
tert-Butyl alcohol	0.022	0.024	-	-9.1	20	148	0
Diisopropyl ether	0.795	1.118	-	-40.6*	20	188	0
1,1-Dichloroethane	0.54	0.619	-	-14.6	20	150	0
Halothane	0.252	0.267	-	-6	20	137	0
Acrylonitrile	0.045	0.064	-	-42.2*	20	178	0
Ethyl tert-butyl ether	0.822	0.978	-	-19	20	155	0
Vinyl acetate	0.414	0.532	-	-28.5*	20	163	0
cis-1,2-Dichloroethene	0.343	0.32	-	6.7	20	131	0
2,2-Dichloropropane	0.509	0.47	-	7.7	20	126	0
Bromochloromethane	0.158	0.16	-	-1.3	20	133	0
Cyclohexane	0.428	0.601	-	-40.4*	20	186	0
Chloroform	0.557	0.519	-	6.8	20	123	0
Ethyl acetate	0.148	0.193	-	-30.4*	20	165	0
Carbon tetrachloride	0.485	0.477	-	1.6	20	129	0
Tetrahydrofuran	0.045	0.07	-	-55.6*	20	206	0
Dibromofluoromethane	0.314	0.277	-	11.8	20	117	0
1,1,1-Trichloroethane	0.51	0.468	-	8.2	20	123	0
2-Butanone	0.062	0.065	-	-4.8	20	129	0
1,1-Dichloropropene	0.374	0.367	-	1.9	20	124	0
Benzene	1.105	1.06	-	4.1	20	126	0
tert-Amyl methyl ether	0.757	0.665	-	12.2	20	121	0
1,2-Dichloroethane-d4	0.271	0.222	-	18.1	20	112	0
1,2-Dichloroethane	0.364	0.35	-	3.8	20	128	0
Methyl cyclohexane	0.507	0.473	-	6.7	20	128	0
Trichloroethene	0.306	0.314	-	-2.6	20	129	0
Dibromomethane	0.191	0.157	-	17.8	20	113	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA104	Calibration Date : 05/01/25 07:01
Lab File ID : V04250501A01	Init. Calib. Date(s) : 12/20/24 12/20/24
Sample No : WG2061711-2	Init. Calib. Times : 07:44 12:30
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.288	0.309	-	-7.3	20	145	0
2-Chloroethyl vinyl ether	0.144	0.14	-	2.8	20	125	0
Bromodichloromethane	0.455	0.378	-	16.9	20	114	0
1,4-Dioxane	0.00166	0.00175*	-	-5.4	20	127	0
cis-1,3-Dichloropropene	0.46	0.433	-	5.9	20	120	0
Chlorobenzene-d5	1	1	-	0	20	132	0
Toluene-d8	1.431	1.255	-	12.3	20	115	0
Toluene	0.952	0.885	-	7	20	124	0
4-Methyl-2-pentanone	0.09	0.102	-	-13.3	20	153	0
Tetrachloroethene	0.417	0.458	-	-9.8	20	139	0
trans-1,3-Dichloropropene	0.516	0.461	-	10.7	20	114	0
Ethyl methacrylate	0.331	0.323	-	2.4	20	125	0
1,1,2-Trichloroethane	0.257	0.223	-	13.2	20	116	0
Chlorodibromomethane	0.453	0.399	-	11.9	20	119	0
1,3-Dichloropropane	0.477	0.436	-	8.6	20	119	0
1,2-Dibromoethane	0.306	0.285	-	6.9	20	119	0
2-Hexanone	0.137	0.164	-	-19.7	20	155	0
Chlorobenzene	1.079	1.053	-	2.4	20	130	0
Ethylbenzene	1.811	1.716	-	5.2	20	124	0
1,1,1,2-Tetrachloroethane	0.418	0.401	-	4.1	20	126	0
p/m Xylene	0.672	0.664	-	1.2	20	128	0
o Xylene	0.671	0.647	-	3.6	20	126	0
Styrene	1.08	1.028	-	4.8	20	124	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	121	0
Bromoform	0.491	0.444	-	9.6	20	108	0
Isopropylbenzene	3.347	3.421	-	-2.2	20	123	0
4-Bromofluorobenzene	0.985	0.866	-	12.1	20	107	0
Bromobenzene	0.866	0.903	-	-4.3	20	125	0
n-Propylbenzene	3.86	3.934	-	-1.9	20	125	0
1,4-Dichlorobutane	0.76	0.985	-	-29.6*	20	160	0
1,1,2,2-Tetrachloroethane	0.704	0.601	-	14.6	20	107	0
4-Ethyltoluene	3.132	3.338	-	-6.6	20	129	0
2-Chlorotoluene	2.226	2.243	-	-0.8	20	120	0
1,3,5-Trimethylbenzene	2.851	2.805	-	1.6	20	121	0
1,2,3-Trichloropropane	0.5	0.43	-	14	20	107	0
trans-1,4-Dichloro-2-buten	0.185	0.19	-	-2.7	20	134	0
4-Chlorotoluene	2.247	2.272	-	-1.1	20	123	0
tert-Butylbenzene	2.383	2.495	-	-4.7	20	127	0
1,2,4-Trimethylbenzene	2.746	2.722	-	0.9	20	121	0
sec-Butylbenzene	3.618	3.621	-	-0.1	20	122	0
p-Isopropyltoluene	2.937	3.192	-	-8.7	20	132	0
1,3-Dichlorobenzene	1.537	1.676	-	-9	20	132	0
1,4-Dichlorobenzene	1.59	1.684	-	-5.9	20	132	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA104	Calibration Date : 05/01/25 07:01
Lab File ID : V04250501A01	Init. Calib. Date(s) : 12/20/24 12/20/24
Sample No : WG2061711-2	Init. Calib. Times : 07:44 12:30
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.674	1.88	-	-12.3	20	137	0
n-Butylbenzene	2.4	2.593	-	-8	20	130	0
1,2-Dichlorobenzene	1.479	1.526	-	-3.2	20	126	0
1,2,4,5-Tetramethylbenzene	2.454	3.039	-	-23.8*	20	150	0
1,2-Dibromo-3-chloropropan	0.112	0.101	-	9.8	20	103	0
1,3,5-Trichlorobenzene	1.111	1.269	-	-14.2	20	137	0
Hexachlorobutadiene	0.616	0.658	-	-6.8	20	127	0
1,2,4-Trichlorobenzene	0.896	1.039	-	-16	20	137	0
Naphthalene	1.599	1.781	-	-11.4	20	136	0
1,2,3-Trichlorobenzene	0.791	0.829	-	-4.8	20	124	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIATION	Project Number : 086328
Instrument ID : VOA127	Calibration Date : 05/02/25 07:36
Lab File ID : V27250502A01	Init. Calib. Date(s) : 03/18/25 03/18/25
Sample No : WG2062414-2	Init. Calib. Times : 17:41 21:29
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	89	-.01
Dichlorodifluoromethane	40	32.987	-	17.5	20	72	0
Chloromethane	0.312	0.39	-	-25*	20	111	0
Vinyl chloride	0.31	0.321	-	-3.5	20	87	0
Bromomethane	40	40.625	-	-1.6	20	93	0
Chloroethane	0.215	0.19	-	11.6	20	77	0
Trichlorofluoromethane	0.383	0.379	-	1	20	79	0
Ethyl ether	0.157	0.13	-	17.2	20	73	0
1,1-Dichloroethene	0.241	0.197	-	18.3	20	70	0
Carbon disulfide	0.887	0.677	-	23.7*	20	65	0
Freon-113	0.24	0.202	-	15.8	20	70	0
Acrolein	0.051	0.04	-	21.6*	20	73	0
Methylene chloride	0.317	0.236	-	25.6*	20	70	0
Acetone	40	37.346	-	6.6	20	82	-.01
trans-1,2-Dichloroethene	0.265	0.233	-	12.1	20	75	-.01
Methyl acetate	0.188	0.155	-	17.6	20	74	0
Methyl tert-butyl ether	0.836	0.594	-	28.9*	20	62	-.01
tert-Butyl alcohol	0.043	0.024	-	44.2*	20	53	0
Diisopropyl ether	0.932	0.855	-	8.3	20	78	0
1,1-Dichloroethane	0.551	0.453	-	17.8	20	75	-.01
Halothane	0.202	0.196	-	3	20	88	-.02
Acrylonitrile	0.097	0.086	-	11.3	20	84	-.02
Ethyl tert-butyl ether	0.931	0.763	-	18	20	71	-.01
Vinyl acetate	0.728	0.529	-	27.3*	20	65	-.02
cis-1,2-Dichloroethene	0.321	0.277	-	13.7	20	79	-.01
2,2-Dichloropropane	0.428	0.349	-	18.5	20	73	-.02
Bromochloromethane	0.154	0.146	-	5.2	20	89	-.02
Cyclohexane	0.466	0.451	-	3.2	20	79	-.02
Chloroform	0.515	0.486	-	5.6	20	86	-.02
Ethyl acetate	0.265	0.253	-	4.5	20	89	-.02
Carbon tetrachloride	0.351	0.361	-	-2.8	20	91	-.02
Tetrahydrofuran	0.068	0.066	-	2.9	20	81	-.02
Dibromofluoromethane	0.272	0.29	-	-6.6	20	98	-.02
1,1,1-Trichloroethane	40	38.298	-	4.3	20	87	-.02
2-Butanone	40	39.704	-	0.7	20	88	-.02
1,1-Dichloropropene	40	37.376	-	6.6	20	79	-.01
Benzene	0.978	0.999	-	-2.1	20	88	-.02
tert-Amyl methyl ether	0.745	0.57	-	23.5*	20	65	-.02
1,2-Dichloroethane-d4	0.304	0.312	-	-2.6	20	96	-.02
1,2-Dichloroethane	0.36	0.374	-	-3.9	20	90	-.02
Methyl cyclohexane	0.432	0.39	-	9.7	20	76	0
Trichloroethene	0.279	0.29	-	-3.9	20	92	-.02
Dibromomethane	0.175	0.162	-	7.4	20	83	-.01

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA127	Calibration Date : 05/02/25 07:36
Lab File ID : V27250502A01	Init. Calib. Date(s) : 03/18/25 03/18/25
Sample No : WG2062414-2	Init. Calib. Times : 17:41 21:29
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.28	0.289	-	-3.2	20	90	-.01
2-Chloroethyl vinyl ether	0.17	0.112	-	34.1*	20	55	-.01
Bromodichloromethane	0.405	0.377	-	6.9	20	84	-.01
1,4-Dioxane	0.00295	0.00194*	-	34.2*	20	58	-.03
cis-1,3-Dichloropropene	0.436	0.404	-	7.3	20	77	-.01
Chlorobenzene-d5	1	1	-	0	20	95	0
Toluene-d8	1.335	1.277	-	4.3	20	91	-.01
Toluene	0.849	0.768	-	9.5	20	87	-.01
4-Methyl-2-pentanone	0.132	0.094	-	28.8*	20	69	-.02
Tetrachloroethene	0.317	0.349	-	-10.1	20	96	0
trans-1,3-Dichloropropene	0.524	0.438	-	16.4	20	77	0
Ethyl methacrylate	0.419	0.28	-	33.2*	20	65	-.01
1,1,2-Trichloroethane	0.27	0.237	-	12.2	20	83	-.01
Chlorodibromomethane	0.379	0.355	-	6.3	20	84	-.01
1,3-Dichloropropane	0.522	0.466	-	10.7	20	81	0
1,2-Dibromoethane	0.302	0.271	-	10.3	20	81	-.01
2-Hexanone	0.23	0.161	-	30*	20	70	0
Chlorobenzene	0.937	0.902	-	3.7	20	89	-.01
Ethylbenzene	1.601	1.462	-	8.7	20	86	0
1,1,1,2-Tetrachloroethane	0.351	0.351	-	0	20	91	0
p/m Xylene	0.605	0.588	-	2.8	20	89	0
o Xylene	0.613	0.57	-	7	20	85	0
Styrene	1.061	0.965	-	9	20	86	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
Bromoform	0.452	0.405	-	10.4	20	87	-.01
Isopropylbenzene	2.803	2.569	-	8.3	20	85	0
4-Bromofluorobenzene	0.941	0.799	-	15.1	20	86	0
Bromobenzene	0.747	0.708	-	5.2	20	92	0
n-Propylbenzene	3.409	3.135	-	8	20	86	0
1,4-Dichlorobutane	0.968	0.952	-	1.7	20	100	0
1,1,2,2-Tetrachloroethane	0.791	0.586	-	25.9*	20	75	0
4-Ethyltoluene	2.859	2.637	-	7.8	20	86	0
2-Chlorotoluene	2.118	2.246	-	-6	20	100	0
1,3,5-Trimethylbenzene	2.507	2.348	-	6.3	20	87	0
1,2,3-Trichloropropane	0.586	0.49	-	16.4	20	81	0
trans-1,4-Dichloro-2-buten	0.225	0.194	-	13.8	20	83	-.01
4-Chlorotoluene	2.226	2.019	-	9.3	20	88	0
tert-Butylbenzene	2.076	1.91	-	8	20	85	0
1,2,4-Trimethylbenzene	2.5	2.275	-	9	20	86	0
sec-Butylbenzene	3.047	2.923	-	4.1	20	86	0
p-Isopropyltoluene	2.665	2.528	-	5.1	20	86	0
1,3-Dichlorobenzene	1.439	1.433	-	0.4	20	94	0
1,4-Dichlorobenzene	1.487	1.418	-	4.6	20	92	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA127	Calibration Date : 05/02/25 07:36
Lab File ID : V27250502A01	Init. Calib. Date(s) : 03/18/25 03/18/25
Sample No : WG2062414-2	Init. Calib. Times : 17:41 21:29
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.61	1.501	-	6.8	20	86	0
n-Butylbenzene	2.4	2.318	-	3.4	20	87	0
1,2-Dichlorobenzene	1.388	1.313	-	5.4	20	90	0
1,2,4,5-Tetramethylbenzene	2.547	2.184	-	14.3	20	81	0
1,2-Dibromo-3-chloropropan	0.127	0.092	-	27.6*	20	71	0
1,3,5-Trichlorobenzene	1.026	1.104	-	-7.6	20	100	0
Hexachlorobutadiene	0.478	0.523	-	-9.4	20	103	0
1,2,4-Trichlorobenzene	0.957	0.948	-	0.9	20	93	0
Naphthalene	2.452	1.81	-	26.2*	20	71	0
1,2,3-Trichlorobenzene	0.918	0.892	-	2.8	20	92	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA104	Calibration Date : 05/02/25 08:34
Lab File ID : V04250502A01	Init. Calib. Date(s) : 12/20/24 12/20/24
Sample No : WG2061775-2	Init. Calib. Times : 07:44 12:30
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	134	0
Dichlorodifluoromethane	0.347	0.321	-	7.5	20	127	0
Chloromethane	0.293	0.446	-	-52.2*	20	213	0
Vinyl chloride	0.34	0.374	-	-10	20	149	0
Bromomethane	0.228	0.21	-	7.9	20	128	0
Chloroethane	0.206	0.18	-	12.6	20	114	0
Trichlorofluoromethane	0.53	0.469	-	11.5	20	115	0
Ethyl ether	0.124	0.135	-	-8.9	20	149	0
1,1-Dichloroethene	0.287	0.268	-	6.6	20	131	0
Carbon disulfide	0.936	0.914	-	2.4	20	133	0
Freon-113	0.308	0.3	-	2.6	20	127	0
Acrolein	0.028	0.035	-	-25*	20	172	0
Methylene chloride	0.33	0.284	-	13.9	20	123	0
Acetone	0.062	0.065	-	-4.8	20	155	0
trans-1,2-Dichloroethene	0.309	0.295	-	4.5	20	131	0
Methyl acetate	0.093	0.116	-	-24.7*	20	170	0
Methyl tert-butyl ether	0.729	0.659	-	9.6	20	125	0
tert-Butyl alcohol	0.022	0.022	-	0	20	138	0
Diisopropyl ether	0.795	1.021	-	-28.4*	20	174	0
1,1-Dichloroethane	0.54	0.57	-	-5.6	20	139	0
Halothane	0.252	0.244	-	3.2	20	127	0
Acrylonitrile	0.045	0.059	-	-31.1*	20	166	0
Ethyl tert-butyl ether	0.822	0.912	-	-10.9	20	147	0
Vinyl acetate	0.414	0.466	-	-12.6	20	144	0
cis-1,2-Dichloroethene	0.343	0.311	-	9.3	20	129	0
2,2-Dichloropropane	0.509	0.408	-	19.8	20	110	0
Bromochloromethane	0.158	0.151	-	4.4	20	127	0
Cyclohexane	0.428	0.542	-	-26.6*	20	170	0
Chloroform	0.557	0.476	-	14.5	20	114	0
Ethyl acetate	0.148	0.179	-	-20.9*	20	154	0
Carbon tetrachloride	0.485	0.428	-	11.8	20	117	0
Tetrahydrofuran	0.045	0.067	-	-48.9*	20	199	0
Dibromofluoromethane	0.314	0.274	-	12.7	20	117	0
1,1,1-Trichloroethane	0.51	0.425	-	16.7	20	113	0
2-Butanone	0.062	0.07	-	-12.9	20	139	0
1,1-Dichloropropene	0.374	0.336	-	10.2	20	115	0
Benzene	1.105	1	-	9.5	20	120	0
tert-Amyl methyl ether	0.757	0.633	-	16.4	20	116	0
1,2-Dichloroethane-d4	0.271	0.221	-	18.5	20	113	0
1,2-Dichloroethane	0.364	0.33	-	9.3	20	122	0
Methyl cyclohexane	0.507	0.438	-	13.6	20	120	0
Trichloroethene	0.306	0.293	-	4.2	20	122	0
Dibromomethane	0.191	0.152	-	20.4*	20	110	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA104	Calibration Date : 05/02/25 08:34
Lab File ID : V04250502A01	Init. Calib. Date(s) : 12/20/24 12/20/24
Sample No : WG2061775-2	Init. Calib. Times : 07:44 12:30
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.288	0.302	-	-4.9	20	143	0
2-Chloroethyl vinyl ether	0.144	0.127	-	11.8	20	114	0
Bromodichloromethane	0.455	0.358	-	21.3*	20	109	0
1,4-Dioxane	0.00166	0.00166*	-	0	20	122	0
cis-1,3-Dichloropropene	0.46	0.414	-	10	20	116	0
Chlorobenzene-d5	1	1	-	0	20	138	0
Toluene-d8	1.431	1.258	-	12.1	20	120	0
Toluene	0.952	0.832	-	12.6	20	122	0
4-Methyl-2-pentanone	0.09	0.097	-	-7.8	20	151	0
Tetrachloroethene	0.417	0.428	-	-2.6	20	135	0
trans-1,3-Dichloropropene	0.516	0.428	-	17.1	20	110	0
Ethyl methacrylate	0.331	0.309	-	6.6	20	125	0
1,1,2-Trichloroethane	0.257	0.214	-	16.7	20	115	0
Chlorodibromomethane	0.453	0.372	-	17.9	20	116	0
1,3-Dichloropropane	0.477	0.409	-	14.3	20	116	0
1,2-Dibromoethane	0.306	0.274	-	10.5	20	119	0
2-Hexanone	0.137	0.147	-	-7.3	20	144	0
Chlorobenzene	1.079	1.002	-	7.1	20	129	0
Ethylbenzene	1.811	1.598	-	11.8	20	120	0
1,1,1,2-Tetrachloroethane	0.418	0.375	-	10.3	20	122	0
p/m Xylene	0.672	0.627	-	6.7	20	126	0
o Xylene	0.671	0.619	-	7.7	20	125	0
Styrene	1.08	0.978	-	9.4	20	123	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	127	0
Bromoform	0.491	0.411	-	16.3	20	105	0
Isopropylbenzene	3.347	3.172	-	5.2	20	120	0
4-Bromofluorobenzene	0.985	0.872	-	11.5	20	113	0
Bromobenzene	0.866	0.871	-	-0.6	20	127	0
n-Propylbenzene	3.86	3.64	-	5.7	20	121	0
1,4-Dichlorobutane	0.76	0.933	-	-22.8*	20	159	0
1,1,2,2-Tetrachloroethane	0.704	0.567	-	19.5	20	106	0
4-Ethyltoluene	3.132	3.119	-	0.4	20	126	0
2-Chlorotoluene	2.226	2.108	-	5.3	20	119	0
1,3,5-Trimethylbenzene	2.851	2.635	-	7.6	20	119	0
1,2,3-Trichloropropane	0.5	0.411	-	17.8	20	108	0
trans-1,4-Dichloro-2-buten	0.185	0.17	-	8.1	20	126	0
4-Chlorotoluene	2.247	2.134	-	5	20	121	0
tert-Butylbenzene	2.383	2.341	-	1.8	20	125	0
1,2,4-Trimethylbenzene	2.746	2.554	-	7	20	119	0
sec-Butylbenzene	3.618	3.389	-	6.3	20	120	0
p-Isopropyltoluene	2.937	2.991	-	-1.8	20	130	0
1,3-Dichlorobenzene	1.537	1.584	-	-3.1	20	131	0
1,4-Dichlorobenzene	1.59	1.605	-	-0.9	20	132	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA104	Calibration Date : 05/02/25 08:34
Lab File ID : V04250502A01	Init. Calib. Date(s) : 12/20/24 12/20/24
Sample No : WG2061775-2	Init. Calib. Times : 07:44 12:30
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.674	1.781	-	-6.4	20	136	0
n-Butylbenzene	2.4	2.407	-	-0.3	20	127	0
1,2-Dichlorobenzene	1.479	1.473	-	0.4	20	128	0
1,2,4,5-Tetramethylbenzene	2.454	2.893	-	-17.9	20	150	0
1,2-Dibromo-3-chloropropan	0.112	0.099	-	11.6	20	106	0
1,3,5-Trichlorobenzene	1.111	1.214	-	-9.3	20	138	0
Hexachlorobutadiene	0.616	0.624	-	-1.3	20	126	0
1,2,4-Trichlorobenzene	0.896	1.011	-	-12.8	20	140	0
Naphthalene	1.599	1.824	-	-14.1	20	146	0
1,2,3-Trichlorobenzene	0.791	0.837	-	-5.8	20	131	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA101	Calibration Date : 05/05/25 13:54
Lab File ID : V01250505A01	Init. Calib. Date(s) : 05/03/25 05/03/25
Sample No : WG2063196-2	Init. Calib. Times : 06:07 10:26
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	103	0
Dichlorodifluoromethane	0.305	0.311	-	-2	20	100	0
Chloromethane	0.181	0.2	-	-10.5	20	126	0
Vinyl chloride	0.262	0.278	-	-6.1	20	111	0
Bromomethane	10	11.353	-	-13.5	20	140	0
Chloroethane	0.148	0.154	-	-4.1	20	105	0
Trichlorofluoromethane	0.351	0.364	-	-3.7	20	102	0
Ethyl ether	0.105	0.108	-	-2.9	20	105	0
1,1-Dichloroethene	0.215	0.209	-	2.8	20	95	0
Carbon disulfide	0.719	0.751	-	-4.5	20	106	0
Methylene chloride	0.251	0.255	-	-1.6	20	107	0
Acetone	0.025	0.034	-	-36*	20	141	0
trans-1,2-Dichloroethene	0.237	0.253	-	-6.8	20	108	0
Methyl tert-butyl ether	0.488	0.497	-	-1.8	20	105	0
1,1-Dichloroethane	0.411	0.433	-	-5.4	20	107	0
Acrylonitrile	0.033	0.011	-	66.7*	20	35	0
Vinyl acetate	0.228	0.257	-	-12.7	20	115	0
cis-1,2-Dichloroethene	0.263	0.28	-	-6.5	20	108	0
2,2-Dichloropropane	0.319	0.319	-	0	20	103	0
Bromochloromethane	0.11	0.118	-	-7.3	20	104	0
Chloroform	0.429	0.447	-	-4.2	20	107	0
Carbon tetrachloride	0.319	0.34	-	-6.6	20	103	0
Dibromofluoromethane	0.263	0.261	-	0.8	20	101	0
1,1,1-Trichloroethane	0.366	0.393	-	-7.4	20	106	0
2-Butanone	0.035	0.032	-	8.6	20	96	0
1,1-Dichloropropene	0.317	0.334	-	-5.4	20	105	0
Benzene	0.981	1.043	-	-6.3	20	107	0
1,2-Dichloroethane-d4	0.262	0.262	-	0	20	102	0
1,2-Dichloroethane	0.25	0.262	-	-4.8	20	106	0
Trichloroethene	0.26	0.269	-	-3.5	20	105	-.01
Dibromomethane	0.122	0.122	-	0	20	102	0
1,2-Dichloropropane	0.229	0.24	-	-4.8	20	107	0
Bromodichloromethane	0.316	0.334	-	-5.7	20	109	0
1,4-Dioxane	0.00093	0.00125*	-	-34.4*	20	134	-.01
cis-1,3-Dichloropropene	0.346	0.373	-	-7.8	20	110	-.03
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.375	1.395	-	-1.5	20	103	0
Toluene	0.818	0.871	-	-6.5	20	106	0
4-Methyl-2-pentanone	0.049	0.05	-	-2	20	112	0
Tetrachloroethene	0.331	0.353	-	-6.6	20	102	-.02
trans-1,3-Dichloropropene	10	9.649	-	3.5	20	108	-.03
Ethyl methacrylate	0.274	0.263	-	4	20	105	0
1,1,2-Trichloroethane	0.197	0.199*	-	-1	20	101	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA101	Calibration Date : 05/05/25 13:54
Lab File ID : V01250505A01	Init. Calib. Date(s) : 05/03/25 05/03/25
Sample No : WG2063196-2	Init. Calib. Times : 06:07 10:26
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Chlorodibromomethane	0.276	0.281	-	-1.8	20	105	0
1,3-Dichloropropane	0.413	0.41	-	0.7	20	103	0
1,2-Dibromoethane	0.214	0.217	-	-1.4	20	103	0
2-Hexanone	0.072	0.063	-	12.5	20	99	0
Chlorobenzene	0.921	0.964	-	-4.7	20	107	0
Ethylbenzene	1.603	1.697	-	-5.9	20	107	0
1,1,1,2-Tetrachloroethane	0.308	0.322	-	-4.5	20	108	0
p/m Xylene	0.605	0.653	-	-7.9	20	107	0
o Xylene	0.584	0.625	-	-7	20	106	0
Styrene	0.945	1.02	-	-7.9	20	108	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
Bromoform	0.259	0.256	-	1.2	20	103	0
Isopropylbenzene	3.017	3.101	-	-2.8	20	106	0
4-Bromofluorobenzene	0.968	0.973	-	-0.5	20	108	0
Bromobenzene	0.655	0.661	-	-0.9	20	105	0
n-Propylbenzene	3.525	3.669	-	-4.1	20	107	0
1,4-Dichlorobutane	0.561	0.55	-	2	20	106	0
1,1,2,2-Tetrachloroethane	0.471	0.489	-	-3.8	20	106	0
4-Ethyltoluene	2.891	3.004	-	-3.9	20	107	0
2-Chlorotoluene	2.083	2.107	-	-1.2	20	107	0
1,3,5-Trimethylbenzene	2.395	2.485	-	-3.8	20	107	0
1,2,3-Trichloropropane	0.383	0.337	-	12	20	92	0
trans-1,4-Dichloro-2-buten	0.086	0.078	-	9.3	20	107	0
4-Chlorotoluene	2.105	2.184	-	-3.8	20	108	0
tert-Butylbenzene	2.007	2.088	-	-4	20	106	0
1,2,4-Trimethylbenzene	2.31	2.398	-	-3.8	20	107	0
sec-Butylbenzene	2.969	3.042	-	-2.5	20	105	0
p-Isopropyltoluene	2.426	2.547	-	-5	20	107	0
1,3-Dichlorobenzene	1.253	1.297	-	-3.5	20	108	0
1,4-Dichlorobenzene	1.292	1.285	-	0.5	20	107	0
p-Diethylbenzene	1.372	1.427	-	-4	20	107	0
n-Butylbenzene	2.015	2.087	-	-3.6	20	107	0
1,2-Dichlorobenzene	1.098	1.107	-	-0.8	20	105	0
1,2,4,5-Tetramethylbenzene	1.856	1.956	-	-5.4	20	111	0
1,2-Dibromo-3-chloropropan	0.054	0.051	-	5.6	20	107	0
Hexachlorobutadiene	0.237	0.233	-	1.7	20	108	0
1,2,4-Trichlorobenzene	0.519	0.517	-	0.4	20	106	0
Naphthalene	0.957	0.959	-	-0.2	20	107	0
1,2,3-Trichlorobenzene	0.383	0.391*	-	-2.1	20	109	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: VOA101	Calibration Date	: 05/06/25 06:30
Lab File ID	: V01250506A01	Init. Calib. Date(s)	: 05/03/25 05/03/25
Sample No	: WG2063492-2	Init. Calib. Times	: 06:07 10:26
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	93	0
Dichlorodifluoromethane	0.305	0.288	-	5.6	20	84	0
Chloromethane	0.181	0.179	-	1.1	20	102	0
Vinyl chloride	0.262	0.249	-	5	20	89	0
Bromomethane	10	13.752	-	-37.5*	20	156	0
Chloroethane	0.148	0.142	-	4.1	20	87	0
Trichlorofluoromethane	0.351	0.349	-	0.6	20	88	0
Ethyl ether	0.105	0.104	-	1	20	91	0
1,1-Dichloroethene	0.215	0.203	-	5.6	20	83	0
Carbon disulfide	0.719	0.664	-	7.6	20	85	0
Freon-113	0.217	0.205	-	5.5	20	79	0
Acrolein	0.018	0.017	-	5.6	20	89	0
Methylene chloride	0.251	0.246	-	2	20	93	0
Acetone	0.025	0.025	-	0	20	93	0
trans-1,2-Dichloroethene	0.237	0.242	-	-2.1	20	93	0
Methyl acetate	0.062	0.059	-	4.8	20	93	0
Methyl tert-butyl ether	0.488	0.474	-	2.9	20	90	0
tert-Butyl alcohol	0.00638	0.00751*	-	-17.7	20	105	0
Diisopropyl ether	0.5	0.472	-	5.6	20	89	0
1,1-Dichloroethane	0.411	0.419	-	-1.9	20	93	0
Halothane	0.18	0.182	-	-1.1	20	92	0
Acrylonitrile	0.033	0.028	-	15.2	20	80	0
Ethyl tert-butyl ether	0.508	0.489	-	3.7	20	91	0
Vinyl acetate	0.228	0.243	-	-6.6	20	98	0
cis-1,2-Dichloroethene	0.263	0.266	-	-1.1	20	92	0
2,2-Dichloropropane	0.319	0.353	-	-10.7	20	102	0
Bromochloromethane	0.11	0.118	-	-7.3	20	93	0
Cyclohexane	0.346	0.315	-	9	20	82	0
Chloroform	0.429	0.434	-	-1.2	20	93	0
Ethyl acetate	0.09	0.082	-	8.9	20	86	0
Carbon tetrachloride	0.319	0.33	-	-3.4	20	90	0
Tetrahydrofuran	0.027	0.026	-	3.7	20	93	0
Dibromofluoromethane	0.263	0.272	-	-3.4	20	95	0
1,1,1-Trichloroethane	0.366	0.385	-	-5.2	20	94	0
2-Butanone	0.035	0.029	-	17.1	20	79	0
1,1-Dichloropropene	0.317	0.319	-	-0.6	20	90	0
Benzene	0.981	1.006	-	-2.5	20	93	0
tert-Amyl methyl ether	0.494	0.478	-	3.2	20	92	0
1,2-Dichloroethane-d4	0.262	0.273	-	-4.2	20	96	0
1,2-Dichloroethane	0.25	0.257	-	-2.8	20	93	0
Methyl cyclohexane	0.436	0.417	-	4.4	20	85	0
Trichloroethene	0.26	0.261	-	-0.4	20	92	-.01
Dibromomethane	0.122	0.121	-	0.8	20	92	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIATION	Project Number	: 086328
Instrument ID	: VOA101	Calibration Date	: 05/06/25 06:30
Lab File ID	: V01250506A01	Init. Calib. Date(s)	: 05/03/25 05/03/25
Sample No	: WG2063492-2	Init. Calib. Times	: 06:07 10:26
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.229	0.226	-	1.3	20	91	0
Bromodichloromethane	0.316	0.316	-	0	20	93	0
1,4-Dioxane	0.00093	0.0012*	-	-29*	20	115	0
cis-1,3-Dichloropropene	0.346	0.358	-	-3.5	20	95	-.03
Chlorobenzene-d5	1	1	-	0	20	96	0
Toluene-d8	1.375	1.375	-	0	20	94	0
Toluene	0.818	0.831	-	-1.6	20	94	0
4-Methyl-2-pentanone	0.049	0.044	-	10.2	20	92	0
Tetrachloroethene	0.331	0.347	-	-4.8	20	92	-.02
trans-1,3-Dichloropropene	10	8.886	-	11.1	20	92	-.02
Ethyl methacrylate	0.274	0.231	-	15.7	20	85	0
1,1,2-Trichloroethane	0.197	0.191*	-	3	20	90	0
Chlorodibromomethane	0.276	0.266	-	3.6	20	92	0
1,3-Dichloropropane	0.413	0.396	-	4.1	20	92	0
1,2-Dibromoethane	0.214	0.208	-	2.8	20	91	0
2-Hexanone	0.072	0.055	-	23.6*	20	80	0
Chlorobenzene	0.921	0.908	-	1.4	20	93	0
Ethylbenzene	1.603	1.594	-	0.6	20	93	0
1,1,1,2-Tetrachloroethane	0.308	0.304	-	1.3	20	94	0
p/m Xylene	0.605	0.622	-	-2.8	20	95	0
o Xylene	0.584	0.598	-	-2.4	20	94	0
Styrene	0.945	0.963	-	-1.9	20	94	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
Bromoform	0.259	0.234	-	9.7	20	90	0
Isopropylbenzene	3.017	2.867	-	5	20	94	0
4-Bromofluorobenzene	0.968	0.922	-	4.8	20	98	0
Bromobenzene	0.655	0.628	-	4.1	20	95	0
n-Propylbenzene	3.525	3.35	-	5	20	93	0
1,4-Dichlorobutane	0.561	0.49	-	12.7	20	90	0
1,1,1,2,2-Tetrachloroethane	0.471	0.457	-	3	20	95	0
4-Ethyltoluene	2.891	2.759	-	4.6	20	94	0
2-Chlorotoluene	2.083	1.952	-	6.3	20	95	0
1,3,5-Trimethylbenzene	2.395	2.271	-	5.2	20	93	0
1,2,3-Trichloropropane	0.383	0.313	-	18.3	20	82	0
trans-1,4-Dichloro-2-buten	0.086	0.067	-	22.1*	20	88	0
4-Chlorotoluene	2.105	1.994	-	5.3	20	95	0
tert-Butylbenzene	2.007	1.922	-	4.2	20	93	0
1,2,4-Trimethylbenzene	2.31	2.213	-	4.2	20	95	0
sec-Butylbenzene	2.969	2.784	-	6.2	20	92	0
p-Isopropyltoluene	2.426	2.347	-	3.3	20	94	0
1,3-Dichlorobenzene	1.253	1.199	-	4.3	20	95	0
1,4-Dichlorobenzene	1.292	1.202	-	7	20	95	0
p-Diethylbenzene	1.372	1.319	-	3.9	20	95	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: VOA101	Calibration Date	: 05/06/25 06:30
Lab File ID	: V01250506A01	Init. Calib. Date(s)	: 05/03/25 05/03/25
Sample No	: WG2063492-2	Init. Calib. Times	: 06:07 10:26
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.015	1.918	-	4.8	20	94	0
1,2-Dichlorobenzene	1.098	1.051	-	4.3	20	95	0
1,2,4,5-Tetramethylbenzene	1.856	1.76	-	5.2	20	96	0
1,2-Dibromo-3-chloropropan	0.054	0.047	-	13	20	93	0
1,3,5-Trichlorobenzene	0.668	0.634	-	5.1	20	97	0
Hexachlorobutadiene	0.237	0.219	-	7.6	20	97	0
1,2,4-Trichlorobenzene	0.519	0.479	-	7.7	20	94	0
Naphthalene	0.957	0.832	-	13.1	20	88	0
1,2,3-Trichlorobenzene	0.383	0.358*	-	6.5	20	95	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: VOA123	Calibration Date	: 05/07/25 07:15
Lab File ID	: V23250507A01	Init. Calib. Date(s)	: 04/18/25 04/18/25
Sample No	: WG2064911-2	Init. Calib. Times	: 14:54 19:39
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	141	0
Dichlorodifluoromethane	0.332	0.277	-	16.6	20	124	0
Chloromethane	0.295	0.226	-	23.4*	20	111	0
Vinyl chloride	0.331	0.292	-	11.8	20	129	0
Bromomethane	0.223	0.241	-	-8.1	20	163	0
Chloroethane	0.2	0.183	-	8.5	20	137	0
Trichlorofluoromethane	0.413	0.387	-	6.3	20	137	0
Ethyl ether	0.146	0.146	-	0	20	141	0
1,1-Dichloroethene	0.234	0.241	-	-3	20	151	0
Carbon disulfide	0.911	0.839	-	7.9	20	144	0
Freon-113	0.248	0.256	-	-3.2	20	153	0
Acrolein	0.03	0.031	-	-3.3	20	132	0
Methylene chloride	0.32	0.329	-	-2.8	20	164	0
Acetone	40	34.283	-	14.3	20	121	0
trans-1,2-Dichloroethene	0.268	0.313	-	-16.8	20	169	0
Methyl acetate	0.117	0.101	-	13.7	20	117	0
Methyl tert-butyl ether	0.761	0.754	-	0.9	20	138	0
tert-Butyl alcohol	0.023	0.02	-	13	20	120	0
Diisopropyl ether	0.853	0.683	-	19.9	20	113	0
1,1-Dichloroethane	0.503	0.502	-	0.2	20	142	0
Halothane	0.191	0.226	-	-18.3	20	174	0
Acrylonitrile	0.058	0.054	-	6.9	20	131	0
Ethyl tert-butyl ether	0.857	0.742	-	13.4	20	122	0
Vinyl acetate	0.402	0.291	-	27.6*	20	100	0
cis-1,2-Dichloroethene	0.294	0.334	-	-13.6	20	164	0
2,2-Dichloropropane	0.428	0.48	-	-12.1	20	163	0
Bromochloromethane	0.129	0.142	-	-10.1	20	153	0
Cyclohexane	0.44	0.421	-	4.3	20	144	0
Chloroform	0.511	0.543	-	-6.3	20	153	0
Ethyl acetate	0.179	0.146	-	18.4	20	109	0
Carbon tetrachloride	0.391	0.416	-	-6.4	20	155	0
Tetrahydrofuran	0.06	0.05	-	16.7	20	117	0
Dibromofluoromethane	0.259	0.27	-	-4.2	20	143	0
1,1,1-Trichloroethane	0.43	0.475	-	-10.5	20	161	0
2-Butanone	0.07	0.054	-	22.9*	20	112	0
1,1-Dichloropropene	0.332	0.399	-	-20.2*	20	171	0
Benzene	1.01	1.082	-	-7.1	20	153	0
tert-Amyl methyl ether	0.741	0.749	-	-1.1	20	140	0
1,2-Dichloroethane-d4	0.266	0.249	-	6.4	20	131	0
1,2-Dichloroethane	0.372	0.337	-	9.4	20	128	0
Methyl cyclohexane	0.451	0.531	-	-17.7	20	176	0
Trichloroethene	0.282	0.35	-	-24.1*	20	183	0
Dibromomethane	0.157	0.174	-	-10.8	20	152	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIATION	Project Number : 086328
Instrument ID : VOA123	Calibration Date : 05/07/25 07:15
Lab File ID : V23250507A01	Init. Calib. Date(s) : 04/18/25 04/18/25
Sample No : WG2064911-2	Init. Calib. Times : 14:54 19:39
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.271	0.283	-	-4.4	20	146	0
2-Chloroethyl vinyl ether	0.135	0.122	-	9.6	20	116	0
Bromodichloromethane	0.394	0.423	-	-7.4	20	150	0
1,4-Dioxane	2000	1710.552	-	14.5	20	115	0
cis-1,3-Dichloropropene	0.423	0.477	-	-12.8	20	150	0
Chlorobenzene-d5	1	1	-	0	20	136	0
Toluene-d8	1.374	1.369	-	0.4	20	138	0
Toluene	0.927	1.019	-	-9.9	20	158	0
4-Methyl-2-pentanone	0.1	0.096	-	4	20	129	0
Tetrachloroethene	0.388	0.44	-	-13.4	20	164	0
trans-1,3-Dichloropropene	0.526	0.582	-	-10.6	20	146	0
Ethyl methacrylate	0.376	0.411	-	-9.3	20	143	0
1,1,2-Trichloroethane	0.261	0.299	-	-14.6	20	158	0
Chlorodibromomethane	0.386	0.405	-	-4.9	20	139	0
1,3-Dichloropropane	0.517	0.579	-	-12	20	151	0
1,2-Dibromoethane	0.279	0.327	-	-17.2	20	146	0
2-Hexanone	0.169	0.129	-	23.7*	20	107	0
Chlorobenzene	1.026	1.088	-	-6	20	149	0
Ethylbenzene	1.766	1.882	-	-6.6	20	152	0
1,1,1,2-Tetrachloroethane	0.386	0.41	-	-6.2	20	146	0
p/m Xylene	0.653	0.717	-	-9.8	20	152	0
o Xylene	0.655	0.701	-	-7	20	150	0
Styrene	1.063	1.105	-	-4	20	138	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	131	0
Bromoform	0.464	0.492	-	-6	20	137	0
Isopropylbenzene	3.235	3.617	-	-11.8	20	153	0
4-Bromofluorobenzene	0.95	1.029	-	-8.3	20	142	0
Bromobenzene	0.838	0.897	-	-7	20	144	0
n-Propylbenzene	3.893	4.311	-	-10.7	20	152	0
1,4-Dichlorobutane	1.017	0.873	-	14.2	20	116	0
1,1,2,2-Tetrachloroethane	0.73	0.754	-	-3.3	20	137	0
4-Ethyltoluene	3.197	3.563	-	-11.4	20	151	0
2-Chlorotoluene	2.441	2.72	-	-11.4	20	154	0
1,3,5-Trimethylbenzene	2.841	3.053	-	-7.5	20	148	0
1,2,3-Trichloropropane	0.575	0.622	-	-8.2	20	148	0
trans-1,4-Dichloro-2-buten	0.205	0.178	-	13.2	20	126	0
4-Chlorotoluene	2.461	2.725	-	-10.7	20	149	0
tert-Butylbenzene	2.37	2.591	-	-9.3	20	152	0
1,2,4-Trimethylbenzene	2.786	3.005	-	-7.9	20	145	0
sec-Butylbenzene	3.571	3.924	-	-9.9	20	150	0
p-Isopropyltoluene	3.035	3.273	-	-7.8	20	147	0
1,3-Dichlorobenzene	1.556	1.662	-	-6.8	20	142	0
1,4-Dichlorobenzene	1.616	1.658	-	-2.6	20	143	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : VOA123	Calibration Date : 05/07/25 07:15
Lab File ID : V23250507A01	Init. Calib. Date(s) : 04/18/25 04/18/25
Sample No : WG2064911-2	Init. Calib. Times : 14:54 19:39
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.786	2.036	-	-14	20	154	0
n-Butylbenzene	2.716	3.175	-	-16.9	20	157	0
1,2-Dichlorobenzene	1.492	1.52	-	-1.9	20	138	0
1,2,4,5-Tetramethylbenzene	2.933	3.019	-	-2.9	20	139	0
1,2-Dibromo-3-chloropropan	0.107	0.115	-	-7.5	20	144	0
1,3,5-Trichlorobenzene	1.197	1.324	-	-10.6	20	154	0
Hexachlorobutadiene	0.603	0.684	-	-13.4	20	158	0
1,2,4-Trichlorobenzene	1.008	1.106	-	-9.7	20	146	0
Naphthalene	2.257	1.829	-	19	20	120	0
1,2,3-Trichlorobenzene	0.874	0.903	-	-3.3	20	136	0

* Value outside of QC limits.





**QA/QC Review of Method 8260D TCLP Volatiles Data
for Pace Analytical Services, SDG Number: L2524225**

**1 Soil Sample
Collected April 24, 2024**

Prepared by: Donald Anné
June 20, 2025

Geology

Hydrology

Remediation

Water Supply

Holding Times: The sample was prepared 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 RRFs for TCLP compounds were above the method minimums, as required.

The average RRFs for TCLP compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The average RRFs for TCLP compounds were above the method minimums, as required. The %Ds for 1,1-dichloroethene and carbon tetrachloride were above the method maximum on 05-02-25 (VQ250502N30). 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 TCLP compounds were above the allowable minimum (0.010), as required.

The %Ds for 1,1-dichloroethene and carbon tetrachloride were above the allowable maximum (20%) on 05-02-25 (VQ250502N30). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported TCLP compounds as not detected.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil TCLP sample.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent differences for TCLP compounds were below the allowable maximum and the percent recoveries were within QC limits TCLP samples WG2062187-3/4.

Compound ID: Checked surrogate results were within GC/MS quantitation limits. The analyses of the soil samples reported TCLP compounds as not detected.

Calibration Verification Summary

Form 7

Volatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : QUIMBY	Calibration Date : 05/02/25 14:43
Lab File ID : VQ250502N30	Init. Calib. Date(s) : 04/02/25 04/02/25
Sample No : WG2062187-2	Init. Calib. Times : 04:37 09:38
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	74	0
Vinyl chloride	0.253	0.263	-	-4	20	74	0
1,1-Dichloroethene	0.157	0.189	-	-20.4*	20	86	0
Chloroform	0.402	0.475	-	-18.2	20	83	0
Carbon tetrachloride	0.32	0.396	-	-23.8*	20	88	0
Dibromofluoromethane	0.311	0.306	-	1.6	20	71	0
2-Butanone	0.081	0.074	-	8.6	20	78	0
Benzene	0.88	0.855	-	2.8	20	68	0
1,2-Dichloroethane-d4	0.38	0.451	-	-18.7	20	86	0
1,2-Dichloroethane	0.326	0.385	-	-18.1	20	83	0
Trichloroethene	0.225	0.251	-	-11.6	20	78	0
Chlorobenzene-d5	1	1	-	0	20	73	0
Toluene-d8	1.521	1.406	-	7.6	20	67	0
Tetrachloroethene	0.322	0.34	-	-5.6	20	76	0
Chlorobenzene	0.799	0.79	-	1.1	20	69	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	89	0
4-Bromofluorobenzene	0.959	0.719	-	25*	20	70	0
1,4-Dichlorobenzene	1.209	1.065	-	11.9	20	78	0

* Value outside of QC limits.



SVOC Data Section



Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services, SDG Number: L2524225

**7 Soil Samples 1 Field Duplicate,
and 1 Oil Sample**
Collected April 18-24, 2025

Prepared by: Donald Anné
June 20, 2025

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 09-26-24. The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV106 on 03-11-25. The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV112 on 03-13-25. The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV134 on 04-08-25. 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 04-28-25 (WG2059590-3). The RRF for 2-chloronaphthalene was below the method minimums, but not below 0.010 on 04-28-25 (WG2059797-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 05-01-25 (WG2060934-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 05-04-25 (WG2062239-3). The RRF for 2-chloronaphthalene was below the method minimum, but not below 0.010 on 05-05-25 (WG2062447-3). The %Ds for hexachlorocyclopentadiene and 2,4,6-trichlorophenol were above the method maximum on 04-28-25 (WG2059797-3). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the method maximum on 05-01-25 (WG2060934-3). The %Ds for 4 compounds (highlighted yellow on attached Form 7) were above the method maximum on

05-05-25 (WG2062447-3). 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 hexachlorocyclopentadiene and 2,4,6-trichlorophenol were above the allowable maximum (20%) on 04-28-25 (WG2059797-3). The %D for caprolactam was above the allowable maximum (20%) on 04-29-24 (WG2059797-4). 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. Field blank FB-20250424 contained a trace of phenol (1.6 ug/L). Equipment blank EB-BLANK-20250424 contained a trace of phenol (0.54 ug/L). Positive results for phenol that are less than 5 times the field 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: One of three base/neutral surrogate recoveries for samples SOIL-104_8-10 and FT-20250424 was above control limits. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Two of three base/neutral surrogate recoveries for sample SOIL-103_16-18 were above control limits. Positive results for base/neutral compounds should be considered estimated, biased high in sample SOIL-103_16-18.

Two of three acid extractable surrogate recoveries for samples SOIL-103_16-18, SOIL-104_8-10, and FT-20250424 were above control limits. Positive results for acid extractable compounds should be considered estimated, biased high in these samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for 5 compounds (highlighted yellow on attached Form 3) were below the allowable maximum; 1 of 2 percent recoveries (%Rs) for p-chloro-m-cresol, 2-chlorophenol, and phenol were above QC limits; 2,4-dinitrotoluene, 2,6-dinitrotoluene, and 2-nitrophenol were below QC limits, but not below 10%; and 2 of 2 %Rs for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were below QC limits and below 10% for soil MS/MSD sample SOIL-101_4-5. The “not detected” results for 2,4-dinitrotoluene, 2,6-dinitrotoluene, and 2-nitrophenol should be considered estimated (UJ) and hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol rejected, unusable (R) in sample SOIL-101_4-5.

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 TCLP samples WG2061912-2/3 and soil samples WG2061877-2/3.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for hexachlorocyclopentadiene and 1 of 2 %Rs for 4-chloroaniline were below QC limits, but not below 10% for soil samples WG2059114-2/3. Positive results for these compounds should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated soil samples.

The RPDs for 24 compounds were above the allowable maximum for aqueous samples WG2060983-2/3. Positive results for these compounds should be considered estimated (J) in associated aqueous samples.

Two of two %Rs for hexachlorocyclopentadiene were below QC limits and below 30% for aqueous samples WG2060983-2/3. Positive results for hexachlorocyclopentadiene should be considered estimated, biased low (J-) and “not detected” results rejected, unusable (R) in associated aqueous samples.

The RPD for bis(2-ethylhexyl)phthalate was above the allowable maximum and 2 of 2 %Rs for p-chloro-m-cresol, 2-chlorophenol, 4-nitrophenol, and phenol, and 1 of 2 %Rs for bis(2-ethylhexyl)phthalate were above QC limits for oil samples WG2061403-2/3. Positive results for these compounds should be considered estimated, biased high (J+) in associated oil samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-101-20250424/CHA-1 reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for aqueous field duplicate pair were acceptable.

The relative percent differences for 10 compounds were above the allowable maximum (35%) for soil field duplicate pair SOIL-102_4-5/CHA-1 (attached table). Positive results for these 10 compounds should be considered estimated (J) for samples SOIL-102_4-5 and CHA-1.

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: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225
Project Number: 086328
Matrix: Soil/Oil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
SOIL-102_1-2 (L2524225-01D)	49	45	38	50	47	47	0
SOIL-102_4-5 (L2524225-02)	92	91	77	88	93	91	0
CHA-1 (L2524225-03)	103	90	81	94	101	89	0
SOIL-101_1-2 (L2524225-04)	75	73	60	80	88	81	0
SOIL-101_4-5 (L2524225-05)	114	110	92	104	96	92	0
SOIL-103_16-18 (L2524225-06)	121*	128*	128*	127*	105	117	4
SOIL-104_8-10 (L2524225-09)	125*	129*	119	132*	98	117	3
SOIL-WC-1 (L2524225-20)	77	74	75	66	64	70	0
FT-20250424 (L2524225-21)	133*	123*	129*	111	100	112	3
WG2059114-1BLANK	53	52	52	53	57	58	0
WG2059114-2LCS	81	81	67	61	87	78	0
WG2059114-3LCSD	78	76	62	59	81	73	0
SOIL-101_4-5MS	86	83	73	84	80	78	0
SOIL-101_4-5MSD	107	101	89	102	108	103	0
WG2059382-1BLANK	75	69	69	63	78	75	0
WG2059382-2LCS	72	65	66	59	74	67	0
WG2059382-3LCSD	79	73	73	67	84	73	0
WG2061403-1BLANK	125*	113	117	100	90	106	1
WG2061403-2LCS	113	110	108	98	92	99	0
WG2061403-3LCSD	115	109	106	92	84	96	0
WG2061877-1BLANK	80	76	77	67	61	69	0
WG2061877-2LCS	82	78	76	64	64	67	0
WG2061877-3LCSD	78	75	74	64	63	68	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-RVT



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2059114-2 Analysis Date : 04/29/25 19:36 File ID : 059114-2
 LCSD Sample ID : WG2059114-3 Analysis Date : 04/29/25 19:59 File ID : 059114-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Acenaphthene	1300	970	73	1300	880	67	9	31-137	50
Hexachlorobenzene	1300	980	74	1300	900	69	7	40-140	50
Bis(2-chloroethyl)ether	1300	920	70	1300	850	65	7	40-140	50
2-Chloronaphthalene	1300	920	69	1300	860	65	6	40-140	50
3,3'-Dichlorobenzidine	1300	1200	89	1300	1000	77	14	40-140	50
2,4-Dinitrotoluene	1300	1000	75	1300	850	65	14	40-132	50
2,6-Dinitrotoluene	1300	910	69	1300	860	65	6	40-140	50
Fluoranthene	1300	1000	78	1300	930	71	9	40-140	50
4-Chlorophenyl phenyl ether	1300	910	69	1300	820	62	11	40-140	50
4-Bromophenyl phenyl ether	1300	880	67	1300	870	66	2	40-140	50
Bis(2-chloroisopropyl)ether	1300	840	63	1300	760	58	8	40-140	50
Bis(2-chloroethoxy)methane	1300	1000	77	1300	890	68	12	40-117	50
Hexachlorobutadiene	1300	700	53	1300	680	51	4	40-140	50
Hexachlorocyclopentadiene	1300	250	19 Q	1300	220	17 Q	11	40-140	50
Hexachloroethane	1300	830	62	1300	720	55	12	40-140	50
Isophorone	1300	910	68	1300	770	59	14	40-140	50
Naphthalene	1300	970	73	1300	910	69	6	40-140	50
Nitrobenzene	1300	840	63	1300	750	57	10	40-140	50
NDPA/DPA	1300	990	74	1300	890	68	8	36-157	50
n-Nitrosodi-n-propylamine	1300	780	59	1300	730	55	7	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1300	101	1300	1200	91	10	40-140	50
Butyl benzyl phthalate	1300	1300	101	1300	1200	90	12	40-140	50
Di-n-butylphthalate	1300	1100	87	1300	1000	80	8	40-140	50
Di-n-octylphthalate	1300	1400	103	1300	1200	95	8	40-140	50
Diethyl phthalate	1300	1000	78	1300	930	71	9	40-140	50
Dimethyl phthalate	1300	860	65	1300	830	63	3	40-140	50



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2059114-2 Analysis Date : 04/29/25 19:36 File ID : 059114-2
 LCSD Sample ID : WG2059114-3 Analysis Date : 04/29/25 19:59 File ID : 059114-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Benzo(a)anthracene	1300	1000	76	1300	930	70	8	40-140	50
Benzo(a)pyrene	1300	1100	81	1300	960	73	10	40-140	50
Benzo(b)fluoranthene	1300	1000	78	1300	920	70	11	40-140	50
Benzo(k)fluoranthene	1300	1000	79	1300	920	70	12	40-140	50
Chrysene	1300	980	74	1300	880	67	10	40-140	50
Acenaphthylene	1300	1000	79	1300	1000	76	4	40-140	50
Anthracene	1300	1000	77	1300	910	69	11	40-140	50
Benzo(ghi)perylene	1300	1100	80	1300	940	72	11	40-140	50
Fluorene	1300	1000	77	1300	890	68	12	40-140	50
Phenanthrene	1300	970	73	1300	870	66	10	40-140	50
Dibenzo(a,h)anthracene	1300	1000	76	1300	910	69	10	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1000	77	1300	920	70	10	40-140	50
Pyrene	1300	1000	78	1300	920	70	11	35-142	50
Biphenyl	1300	920	70	1300	870	66	6	37-127	50
4-Chloroaniline	1300	610	46	1300	480	36	Q 24	40-140	50
2-Nitroaniline	1300	1200	95	1300	1200	89	7	47-134	50
3-Nitroaniline	1300	1300	99	1300	1100	85	15	26-129	50
4-Nitroaniline	1300	1400	104	1300	1200	91	13	41-125	50
Dibenzofuran	1300	960	73	1300	880	67	9	40-140	50
2-Methylnaphthalene	1300	860	65	1300	830	63	3	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	830	63	1300	780	60	5	40-117	50
Acetophenone	1300	1100	82	1300	1000	76	8	14-144	50
2,4,6-Trichlorophenol	1300	860	65	1300	830	63	3	30-130	50
p-Chloro-m-cresol	1300	940	71	1300	960	73	3	26-103	50
2-Chlorophenol	1300	1100	85	1300	1000	78	9	25-102	50
2,4-Dichlorophenol	1300	1100	80	1300	940	71	12	30-130	50



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2059114-2 Analysis Date : 04/29/25 19:36 File ID : 059114-2
 LCSD Sample ID : WG2059114-3 Analysis Date : 04/29/25 19:59 File ID : 059114-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4-Dimethylphenol	1300	1200	90	1300	1000	80	12	30-130	50
2-Nitrophenol	1300	1000	78	1300	920	70	11	30-130	50
4-Nitrophenol	1300	1100	84	1300	990	75	11	11-114	50
2,4-Dinitrophenol	1300	250	19	1300	220	17	11	4-130	50
4,6-Dinitro-o-cresol	1300	220	17	1300	200	15	13	10-130	50
Pentachlorophenol	1300	970	73	1300	860	65	12	17-109	50
Phenol	1300	980	74	1300	870	66	11	26-90	50
2-Methylphenol	1300	1100	87	1300	1000	76	13	30-130.	50
3-Methylphenol/4-Methylphenol	1300	1200	90	1300	1100	81	11	30-130	50
2,4,5-Trichlorophenol	1300	950	72	1300	880	67	7	30-130	50
Carbazole	1300	1100	83	1300	970	74	11	54-128	50
Atrazine	1300	1000	79	1300	870	66	18	40-140	50
Benzaldehyde	1300	1100	83	1300	900	68	20	40-140	50
Caprolactam	1300	930	70	1300	820	63	11	15-130	50
2,3,4,6-Tetrachlorophenol	1300	1100	80	1300	940	72	11	40-140	50
1,4-Dioxane	1300	700	53	1300	560	42	23	40-140	50



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2060983-2 Analysis Date : 05/05/25 16:23 File ID : 60983-2
 LCSD Sample ID : WG2060983-3 Analysis Date : 05/05/25 16:45 File ID : 60983-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Bis(2-chloroethyl)ether	20	12.	62	20	16.	81	27	40-140	30
3,3'-Dichlorobenzidine	20	13.	65	20	16.	82	23	40-140	30
2,4-Dinitrotoluene	20	13.	66	20	18.	90	31 Q	48-143	30
2,6-Dinitrotoluene	20	15.	75	20	19.	95	24	40-140	30
4-Chlorophenyl phenyl ether	20	12.	59	20	16.	80	30	40-140	30
4-Bromophenyl phenyl ether	20	12.	63	20	17.	85	30	40-140	30
Bis(2-chloroisopropyl)ether	20	12.	61	20	17.	83	31 Q	40-140	30
Bis(2-chloroethoxy)methane	20	12.	62	20	17.	83	29	40-140	30
Hexachlorocyclopentadiene	20	3.2	16 Q	20	5.7	28 Q	55 Q	40-140	30
Isophorone	20	12.	60	20	17.	83	32 Q	40-140	30
Nitrobenzene	20	12.	60	20	16.	80	29	40-140	30
NDPA/DPA	20	13.	67	20	16.	83	21	40-140	30
n-Nitrosodi-n-propylamine	20	12.	60	20	16.	82	31 Q	29-132	30
Bis(2-ethylhexyl)phthalate	20	16.	78	20	20.	102	27	40-140	30
Butyl benzyl phthalate	20	16.	78	20	20.	102	27	40-140	30
Di-n-butylphthalate	20	15.	76	20	20.	99	26	40-140	30
Di-n-octylphthalate	20	16.	83	20	21.	106	24	40-140	30
Diethyl phthalate	20	14.	70	20	18.	92	27	40-140	30
Dimethyl phthalate	20	14.	69	20	19.	95	32 Q	40-140	30
Biphenyl	20	9.8	49	20	15.	73	39 Q	40-140	30
4-Chloroaniline	20	11.	57	20	15.	77	30	40-140	30
2-Nitroaniline	20	15.	76	20	21.	104	31 Q	52-143	30
3-Nitroaniline	20	12.	62	20	17.	86	32 Q	25-145	30
4-Nitroaniline	20	13.	65	20	16.	83	24	51-143	30
Dibenzofuran	20	11.	55	20	15.	76	32 Q	40-140	30
1,2,4,5-Tetrachlorobenzene	20	7.2	36	20	11.	56	43 Q	2-134	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2060983-2 Analysis Date : 05/05/25 16:23 File ID : 60983-2
 LCSD Sample ID : WG2060983-3 Analysis Date : 05/05/25 16:45 File ID : 60983-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Acetophenone	20	13.	65	20	17.	86	28	39-129	30
2,4,6-Trichlorophenol	20	13.	67	20	19.	95	35 Q	30-130	30
p-Chloro-m-cresol	20	14.	69	20	19.	95	32 Q	23-97	30
2-Chlorophenol	20	12.	58	20	16.	79	31 Q	27-123	30
2,4-Dichlorophenol	20	13.	65	20	18.	89	31 Q	30-130	30
2,4-Dimethylphenol	20	6.4	32	20	10.	52	48 Q	30-130	30
2-Nitrophenol	20	13.	65	20	18.	92	34 Q	30-130	30
4-Nitrophenol	20	9.9	50	20	13.	67	29	10-80	30
2,4-Dinitrophenol	20	4.8	24	20	6.3	32	29	20-130	30
4,6-Dinitro-o-cresol	20	11.	55	20	16.	79	36 Q	20-164	30
Phenol	20	6.0	30	20	8.2	41	31 Q	12-110	30
2-Methylphenol	20	10.	52	20	14.	72	32 Q	30-130	30
3-Methylphenol/4-Methylphenol	20	11.	53	20	15.	74	33 Q	30-130	30
2,4,5-Trichlorophenol	20	15.	76	20	21.	104	31 Q	30-130	30
Carbazole	20	14.	72	20	18.	92	24	55-144	30
Atrazine	20	14.	69	20	19.	94	31 Q	40-140	30
Benzaldehyde	20	12.	62	20	17.	84	30	40-140	30
Caprolactam	20	6.9	34	20	8.9	44	26	10-130	30
2,3,4,6-Tetrachlorophenol	20	12.	63	20	17.	87	32 Q	40-140	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : OIL (LOW)
 LCS Sample ID : WG2061403-2 Analysis Date : 05/04/25 20:38 File ID : 061403-2
 LCSD Sample ID : WG2061403-3 Analysis Date : 05/04/25 21:00 File ID : 061403-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Acenaphthene	23000	24000	104	30000	32000	105	1	31-137	50
Hexachlorobenzene	23000	22000	95	30000	29000	97	2	40-140	50
Bis(2-chloroethyl)ether	23000	24000	103	30000	33000	108	5	40-140	50
2-Chloronaphthalene	23000	22000	97	30000	30000	100	3	40-140	50
3,3'-Dichlorobenzidine	23000	23000	100	30000	31000	102	2	40-140	50
2,4-Dinitrotoluene	23000	24000	105	30000	32000	108	3	40-132	50
2,6-Dinitrotoluene	23000	22000	96	30000	30000	101	5	40-140	50
Fluoranthene	23000	24000	103	30000	32000	105	2	40-140	50
4-Chlorophenyl phenyl ether	23000	24000	103	30000	32000	105	2	40-140	50
4-Bromophenyl phenyl ether	23000	22000	95	30000	29000	98	3	40-140	50
Bis(2-chloroisopropyl)ether	23000	25000	107	30000	34000	112	5	40-140	50
Bis(2-chloroethoxy)methane	23000	24000	106	30000	33000	109	3	40-117	50
Hexachlorobutadiene	23000	23000	100	30000	32000	106	6	40-140	50
Hexachlorocyclopentadiene	23000	18000	79	30000	24000	79	0	40-140	50
Hexachloroethane	23000	26000	115	30000	36000	119	3	40-140	50
Isophorone	23000	24000	103	30000	33000	109	6	40-140	50
Naphthalene	23000	24000	105	30000	33000	108	3	40-140	50
Nitrobenzene	23000	25000	108	30000	33000	110	2	40-140	50
NDPA/DPA	23000	23000	101	30000	32000	105	4	36-157	50
n-Nitrosodi-n-propylamine	23000	24000	106	30000	34000	112	6	32-121	50
Bis(2-ethylhexyl)phthalate	23000	25000	110	30000	130000	436 Q	119 Q	40-140	50
Butyl benzyl phthalate	23000	26000	112	30000	35000	116	4	40-140	50
Di-n-butylphthalate	23000	25000	110	30000	34000	115	4	40-140	50
Di-n-octylphthalate	23000	26000	115	30000	39000	129	11	40-140	50
Diethyl phthalate	23000	24000	105	30000	32000	108	3	40-140	50
Dimethyl phthalate	23000	23000	99	30000	31000	102	3	40-140	50



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Matrix (Level) : OIL (LOW)
 LCS Sample ID : WG2061403-2 Analysis Date : 05/04/25 20:38 File ID : 061403-2
 LCSD Sample ID : WG2061403-3 Analysis Date : 05/04/25 21:00 File ID : 061403-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Benzo(a)anthracene	23000	25000	108	30000	33000	109	1	40-140	50
Benzo(a)pyrene	23000	23000	102	30000	32000	105	3	40-140	50
Benzo(b)fluoranthene	23000	23000	99	30000	32000	106	7	40-140	50
Benzo(k)fluoranthene	23000	22000	97	30000	30000	101	4	40-140	50
Chrysene	23000	22000	98	30000	30000	100	2	40-140	50
Acenaphthylene	23000	23000	102	30000	32000	107	5	40-140	50
Anthracene	23000	23000	102	30000	32000	106	4	40-140	50
Benzo(ghi)perylene	23000	22000	97	30000	30000	101	4	40-140	50
Fluorene	23000	24000	103	30000	32000	106	3	40-140	50
Phenanthrene	23000	24000	103	30000	32000	106	3	40-140	50
Dibenzo(a,h)anthracene	23000	22000	98	30000	30000	102	4	40-140	50
Indeno(1,2,3-cd)pyrene	23000	23000	100	30000	31000	104	4	40-140	50
Pyrene	23000	24000	104	30000	31000	104	0	35-142	50
Biphenyl	23000	23000	100	30000	31000	103	3	37-127	50
4-Chloroaniline	23000	20000	87	30000	30000	100	14	40-140	50
2-Nitroaniline	23000	25000	108	30000	33000	109	1	47-134	50
3-Nitroaniline	23000	22000	96	30000	31000	102	6	26-129	50
4-Nitroaniline	23000	24000	105	30000	33000	110	5	41-125	50
Dibenzofuran	23000	24000	104	30000	32000	106	2	40-140	50
2-Methylnaphthalene	23000	23000	101	30000	31000	102	1	40-140	50
1,2,4,5-Tetrachlorobenzene	23000	23000	99	30000	31000	103	4	40-117	50
Acetophenone	23000	23000	99	30000	32000	106	7	14-144	50
2,4,6-Trichlorophenol	23000	24000	103	30000	32000	106	3	30-130	50
p-Chloro-m-cresol	23000	24000	104 Q	30000	33000	111 Q	7	26-103	50
2-Chlorophenol	23000	24000	103 Q	30000	32000	108 Q	5	25-102	50
2,4-Dichlorophenol	23000	22000	96	30000	30000	100	4	30-130	50



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIATION Project Number : 086328
 Matrix (Level) : OIL (LOW)
 LCS Sample ID : WG2061403-2 Analysis Date : 05/04/25 20:38 File ID : 061403-2
 LCSD Sample ID : WG2061403-3 Analysis Date : 05/04/25 21:00 File ID : 061403-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4-Dimethylphenol	23000	24000	105	30000	32000	105	0	30-130	50
2-Nitrophenol	23000	25000	108	30000	33000	110	2	30-130	50
4-Nitrophenol	23000	30000	132 Q	30000	38000	128 Q	3	11-114	50
2,4-Dinitrophenol	23000	21000	90	30000	28000	94	4	4-130	50
4,6-Dinitro-o-cresol	23000	23000	99	30000	29000	95	4	10-130	50
Pentachlorophenol	23000	15000	66	30000	22000	73	10	17-109	50
Phenol	23000	24000	104 Q	30000	32000	108 Q	4	26-90	50
2-Methylphenol	23000	24000	105	30000	34000	113	7	30-130	50
3-Methylphenol/4-Methylphenol	23000	24000	103	30000	32000	106	3	30-130	50
2,4,5-Trichlorophenol	23000	22000	94	30000	30000	101	7	30-130	50
Carbazole	23000	24000	102	30000	32000	105	3	54-128	50
Atrazine	23000	25000	109	30000	31000	103	6	40-140	50
Benzaldehyde	23000	21000	93	30000	29000	98	5	40-140	50
Caprolactam	23000	26000	115	30000	34000	114	1	15-130	50
2,3,4,6-Tetrachlorophenol	23000	23000	99	30000	30000	100	1	40-140	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIATION
 Client Sample ID : SOIL-101_4-5
 Lab Sample ID : L2524225-05
 Matrix Spike : WG2059114-4
 Matrix Spike Dup : WG2059114-5

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 04/28/25 16:48
 MS Analysis Date : 04/28/25 17:10
 MSD Analysis Date : 04/28/25 17:31

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Acenaphthene	ND	1550	1300	84	1570	1600	100	21	31-137	50
Hexachlorobenzene	ND	1550	1300	84	1570	1600	100	21	40-140	50
Bis(2-chloroethyl)ether	ND	1550	1200	77	1570	1500	95	22	40-140	50
2-Chloronaphthalene	ND	1550	1300	84	1570	1700	110	27	40-140	50
3,3'-Dichlorobenzidine	ND	1550	1100	71	1570	1600	100	37	40-140	50
2,4-Dinitrotoluene	ND	1550	500	32 Q	1570	870	55	54 Q	40-132	50
2,6-Dinitrotoluene	ND	1550	600	39 Q	1570	950	60	45	40-140	50
Fluoranthene	ND	1550	1300	84	1570	1700	110	27	40-140	50
4-Chlorophenyl phenyl ether	ND	1550	1300	84	1570	1700	110	27	40-140	50
4-Bromophenyl phenyl ether	ND	1550	1300	84	1570	1700	110	27	40-140	50
Bis(2-chloroisopropyl)ether	ND	1550	1200	77	1570	1500	95	22	40-140	50
Bis(2-chloroethoxy)methane	ND	1550	1200	77	1570	1500	95	22	40-117	50
Hexachlorobutadiene	ND	1550	1400	90	1570	1800	110	25	40-140	50
Hexachlorocyclopentadiene	ND	1550	ND	0 Q	1570	ND	0 Q	NC	40-140	50
Hexachloroethane	ND	1550	630	41	1570	950	60	41	40-140	50
Isophorone	ND	1550	1300	84	1570	1500	95	14	40-140	50
Naphthalene	ND	1550	1300	84	1570	1600	100	21	40-140	50
Nitrobenzene	ND	1550	1200	77	1570	1500	95	22	40-140	50
NDPA/DPA	ND	1550	1300	84	1570	1600	100	21	36-157	50
n-Nitrosodi-n-propylamine	ND	1550	1300	84	1570	1600	100	21	32-121	50
Bis(2-ethylhexyl)phthalate	ND	1550	1200	77	1570	1700	110	34	40-140	50
Butyl benzyl phthalate	ND	1550	1300	84	1570	1800	110	32	40-140	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIATION
 Client Sample ID : SOIL-101_4-5
 Lab Sample ID : L2524225-05
 Matrix Spike : WG2059114-4
 Matrix Spike Dup : WG2059114-5

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 04/28/25 16:48
 MS Analysis Date : 04/28/25 17:10
 MSD Analysis Date : 04/28/25 17:31

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Di-n-butylphthalate	ND	1550	1400	90	1570	1800	110	25	40-140	50
Di-n-octylphthalate	ND	1550	1400	90	1570	1800	110	25	40-140	50
Diethyl phthalate	ND	1550	1300	84	1570	1600	100	21	40-140	50
Dimethyl phthalate	ND	1550	1400	90	1570	1600	100	13	40-140	50
Benzo(a)anthracene	ND	1550	1100	71	1570	1600	100	37	40-140	50
Benzo(a)pyrene	ND	1550	1100	71	1570	1600	100	37	40-140	50
Benzo(b)fluoranthene	ND	1550	1100	71	1570	1600	100	37	40-140	50
Benzo(k)fluoranthene	ND	1550	1100	71	1570	1600	100	37	40-140	50
Chrysene	ND	1550	1100	71	1570	1500	95	31	40-140	50
Acenaphthylene	ND	1550	1400	90	1570	1700	110	19	40-140	50
Anthracene	ND	1550	1300	84	1570	1700	110	27	40-140	50
Benzo(ghi)perylene	ND	1550	880	57	1570	1500	95	52 Q	40-140	50
Fluorene	ND	1550	1300	84	1570	1700	110	27	40-140	50
Phenanthrene	ND	1550	1300	84	1570	1600	100	21	40-140	50
Dibenzo(a,h)anthracene	ND	1550	990	64	1570	1700	110	53 Q	40-140	50
Indeno(1,2,3-cd)pyrene	ND	1550	1000	64	1570	1700	110	52 Q	40-140	50
Pyrene	ND	1550	1200	77	1570	1600	100	29	35-142	50
Biphenyl	ND	1550	1400	90	1570	1700	110	19	37-127	50
4-Chloroaniline	ND	1550	860	55	1570	940	60	9	40-140	50
2-Nitroaniline	ND	1550	1500	97	1570	1700	110	13	47-134	50
3-Nitroaniline	ND	1550	1300	84	1570	1600	100	21	26-129	50
4-Nitroaniline	ND	1550	1400	90	1570	1700	110	19	41-125	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIATION
 Client Sample ID : SOIL-101_4-5
 Lab Sample ID : L2524225-05
 Matrix Spike : WG2059114-4
 Matrix Spike Dup : WG2059114-5

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 04/28/25 16:48
 MS Analysis Date : 04/28/25 17:10
 MSD Analysis Date : 04/28/25 17:31

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
Dibenzofuran	ND	1550	1300	84	1570	1700	110	27	40-140	50
2-Methylnaphthalene	ND	1550	1400	90	1570	1700	110	19	40-140	50
1,2,4,5-Tetrachlorobenzene	ND	1550	1400	90	1570	1700	110	19	40-117	50
Acetophenone	ND	1550	1300	84	1570	1600	100	21	14-144	50
2,4,6-Trichlorophenol	ND	1550	1500	97	1570	1900	120	24	30-130	50
p-Chloro-m-cresol	ND	1550	1500	97	1570	1800	110 Q	18	26-103	50
2-Chlorophenol	ND	1550	1300	84	1570	1700	110 Q	27	25-102	50
2,4-Dichlorophenol	ND	1550	1400	90	1570	1700	110	19	30-130	50
2,4-Dimethylphenol	ND	1550	1400	90	1570	1700	110	19	30-130	50
2-Nitrophenol	ND	1550	280J	18 Q	1570	580	37	70 Q	30-130	50
4-Nitrophenol	ND	1550	850	55	1570	1100	70	26	11-114	50
2,4-Dinitrophenol	ND	1550	ND	0 Q	1570	ND	0 Q	NC	4-130	50
4,6-Dinitro-o-cresol	ND	1550	ND	0 Q	1570	ND	0 Q	NC	10-130	50
Pentachlorophenol	ND	1550	1100	71	1570	1500	95	31	17-109	50
Phenol	ND	1550	1300	84	1570	1600	100 Q	21	26-90	50
2-Methylphenol	ND	1550	1400	90	1570	1600	100	13	30-130	50
3-Methylphenol/4-Methylphenol	ND	1550	1400	90	1570	1600	100	13	30-130	50
2,4,5-Trichlorophenol	ND	1550	1500	97	1570	1800	110	18	30-130	50
Carbazole	ND	1550	1300	84	1570	1700	110	27	54-128	50
Atrazine	ND	1550	1200	77	1570	1700	110	34	40-140	50
Benzaldehyde	ND	1550	1100	71	1570	1400	89	24	40-140	50
Caprolactam	ND	1550	1200	77	1570	1500	95	22	15-130	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Client Sample ID	: SOIL-101_4-5	Matrix (Level)	: SOIL (LOW)
Lab Sample ID	: L2524225-05	Analysis Date	: 04/28/25 16:48
Matrix Spike	: WG2059114-4	MS Analysis Date	: 04/28/25 17:10
Matrix Spike Dup	: WG2059114-5	MSD Analysis Date	: 04/28/25 17:31

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R			
2,3,4,6-Tetrachlorophenol	ND	1550	1400	90	1570	1800	110	25	40-140	50
1,4-Dioxane	ND	1550	780	50	1570	1100	70	34	40-140	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIATION
 Client Sample ID : MW-102-20250424
 Lab Sample ID : L2524225-13
 Matrix Spike : WG2060983-4
 Matrix Spike Dup : WG2060983-5

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : WATER (LOW)
 Analysis Date : 05/02/25 05:05
 MS Analysis Date : 05/02/25 04:17
 MSD Analysis Date : 05/02/25 04:41

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
Bis(2-chloroethyl)ether	ND	20	15.	75	20	15.	75	0	40-140	30
3,3'-Dichlorobenzidine	ND	20	14.	70	20	14.	70	0	40-140	30
2,4-Dinitrotoluene	ND	20	18.	90	20	20.	100	11	48-143	30
2,6-Dinitrotoluene	ND	20	18.	90	20	20.	100	11	40-140	30
4-Chlorophenyl phenyl ether	ND	20	15.	75	20	16.	80	6	40-140	30
4-Bromophenyl phenyl ether	ND	20	16.	80	20	16.	80	0	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	12.	60	20	13.	65	8	40-140	30
Bis(2-chloroethoxy)methane	ND	20	14.	70	20	14.	70	0	40-140	30
Hexachlorocyclopentadiene	ND	20	5.5J	28 Q	20	5.7J	29 Q	4	40-140	30
Isophorone	ND	20	15.	75	20	15.	75	0	40-140	30
Nitrobenzene	ND	20	17.	85	20	17.	85	0	40-140	30
NDPA/DPA	ND	20	16.	80	20	18.	90	12	40-140	30
n-Nitrosodi-n-propylamine	ND	20	16.	80	20	16.	80	0	29-132	30
Bis(2-ethylhexyl)phthalate	ND	20	17.	85	20	17.	85	0	40-140	30
Butyl benzyl phthalate	ND	20	18.	90	20	19.	95	5	40-140	30
Di-n-butylphthalate	ND	20	17.	85	20	18.	90	6	40-140	30
Di-n-octylphthalate	ND	20	17.	85	20	17.	85	0	40-140	30
Diethyl phthalate	ND	20	18.	90	20	19.	95	5	40-140	30
Dimethyl phthalate	ND	20	17.	85	20	17.	85	0	40-140	30
Biphenyl	ND	20	14.	70	20	13.	65	7	40-140	30
4-Chloroaniline	ND	20	13.	65	20	13.	65	0	40-140	30
2-Nitroaniline	ND	20	19.	95	20	20.	100	5	52-143	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIATION
 Client Sample ID : MW-102-20250424
 Lab Sample ID : L2524225-13
 Matrix Spike : WG2060983-4
 Matrix Spike Dup : WG2060983-5

Lab Number : L2524225
 Project Number : 086328
 Matrix (Level) : WATER (LOW)
 Analysis Date : 05/02/25 05:05
 MS Analysis Date : 05/02/25 04:17
 MSD Analysis Date : 05/02/25 04:41

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
3-Nitroaniline	ND	20	18.	90	20	19.	95	5	25-145	30
4-Nitroaniline	ND	20	19.	95	20	20.	100	5	51-143	30
Dibenzofuran	ND	20	14.	70	20	15.	75	7	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	11.	55	20	10.	50	10	2-134	30
Acetophenone	ND	20	16.	80	20	17.	85	6	39-129	30
2,4,6-Trichlorophenol	ND	20	15.	75	20	16.	80	6	30-130	30
p-Chloro-m-cresol	ND	20	14.	70	20	14.	70	0	23-97	30
2-Chlorophenol	ND	20	14.	70	20	15.	75	7	27-123	30
2,4-Dichlorophenol	ND	20	14.	70	20	16.	80	13	30-130	30
2,4-Dimethylphenol	ND	20	9.1	46	20	12.	60	27	30-130	30
2-Nitrophenol	ND	20	17.	85	20	18.	90	6	30-130	30
4-Nitrophenol	ND	20	12.	60	20	12.	60	0	10-80	30
2,4-Dinitrophenol	ND	20	14.J	70	20	14.J	70	0	20-130	30
4,6-Dinitro-o-cresol	ND	20	19.	95	20	19.	95	0	20-164	30
Phenol	ND	20	7.4	37	20	7.9	40	7	12-110	30
2-Methylphenol	ND	20	9.8	49	20	11.	55	12	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	13.	65	20	14.	70	7	30-130	30
2,4,5-Trichlorophenol	ND	20	17.	85	20	18.	90	6	30-130	30
Carbazole	ND	20	18.	90	20	18.	90	0	55-144	30
Atrazine	ND	20	20.	100	20	21.	110	5	40-140	30
Benzaldehyde	ND	20	15.	75	20	15.	75	0	40-140	30
Caprolactam	ND	20	6.0J	30	20	6.4J	32	6	10-130	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIATION	Project Number	: 086328
Client Sample ID	: MW-102-20250424	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2524225-13	Analysis Date	: 05/02/25 05:05
Matrix Spike	: WG2060983-4	MS Analysis Date	: 05/02/25 04:17
Matrix Spike Dup	: WG2060983-5	MSD Analysis Date	: 05/02/25 04:41

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
2,3,4,6-Tetrachlorophenol	ND	20	17.	85	20	18.	90	6	40-140	30



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
Project Name : SYR GATEWAY APARTMENTS-REMEDIA
Instrument ID : SV124
Calibration dates : 09/26/24 23:14 09/27/24 16:14
Lab Number : L2524225
Project Number : 086328
Ical Ref : ICAL21549

Calibration Files

1.0 =ABNL1.D 2.0 =ABNL2.D 3.0 =ABNL3.D 5.0 =ABNL4.D 10 =ABNL5.D 25 =ABNL6.D 50 =ABNL7.D
 100 =ABNL8.D 150 =ABNL9.D 200 =ABNL10.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	0.723	0.750	0.698	0.670	0.704	0.695	0.730	0.705	0.744	0.729	0.715	3.42
3) t Pyridine	0.794	0.884	0.789	0.853	0.947	1.027	1.107	1.032	1.100	1.129	0.966	13.52
4) S 2-Fluorophenol	1.159	1.069	1.040	1.053	1.107	1.079	1.147	1.113	1.176	1.156	1.110	4.36
5) T Aniline	1.679	1.663	1.686	1.642	1.787	1.732	1.795	1.800	1.913	1.836	1.753	4.97
6) t 2-Chlorophenol	1.301	1.218	1.243	1.172	1.311	1.272	1.317	1.322	1.368	1.323	1.285	4.57
7) S Phenol-d6	1.274	1.268	1.305	1.286	1.358	1.352	1.405	1.424	1.477	1.422	1.357	5.37
8) T Phenol	1.443	1.423	1.410	1.368	1.482	1.449	1.520	1.537	1.601	1.551	1.478	4.91
9) T bis(2-Chloroethyl)ether	1.192	1.079	1.125	1.156	1.223	1.170	1.204	1.217	1.267	1.203	1.184	4.53
10) T 1,3-Dichlorobenzene	1.587	1.571	1.514	1.411	1.534	1.460	1.539	1.465	1.527	1.482	1.509	3.59
11) T 1,4-Dichlorobenzene	1.708	1.598	1.549	1.495	1.579	1.503	1.554	1.486	1.533	1.500	1.551	4.30
12) T 1,2-Dichlorobenzene	1.664	1.462	1.545	1.437	1.484	1.466	1.504	1.460	1.497	1.444	1.496	4.46
13) t Benzyl alcohol	0.844	0.858	0.889	0.849	0.991	0.988	1.074	1.101	1.135	1.090	0.982	11.67
14) T bis(2-chloroisopropyl)ether	2.563	2.447	2.413	2.362	2.551	2.420	2.466	2.441	2.536	2.407	2.461	2.76
15) T 2-Methylphenol	1.116	1.058	1.066	1.026	1.127	1.073	1.129	1.142	1.177	1.121	1.103	4.16
16) T Hexachloroethane	0.628	0.607	0.574	0.540	0.592	0.577	0.586	0.578	0.593	0.579	0.585	3.93
17) T n-Nitrosodi-n-propylamine	1.005	0.925	0.918	0.862	0.974	0.970	0.986	0.996	1.023	0.981	0.964	5.04
18) T 3-Methylphenol/4-Methylphenol	1.077	1.085	1.132	1.128	1.233	1.155	1.216	1.227	1.250	1.202	1.171	5.40
19) S Nitrobenzene-d5	1.307	1.202	1.298	1.258	1.308	1.312	1.365	1.402	1.442	1.374	1.327	5.33
20) T Nitrobenzene	1.332	1.207	1.288	1.278	1.364	1.338	1.389	1.407	1.446	1.381	1.343	5.25
21) T Isophorone	2.366	2.320	2.354	2.379	2.481	2.476	2.532	2.580	2.664	2.539	2.469	4.55
22) T 2-Nitrophenol	0.640	0.542	0.583	0.593	0.652	0.668	0.696	0.725	0.745	0.702	0.655	10.06
23) T 2,4-Dimethylphenol	1.118	1.045	1.080	1.054	1.111	1.100	1.144	1.196	1.236	1.180	1.126	5.54
24) T bis(2-Chloroethoxy)methane	1.443	1.517	1.547	1.531	1.620	1.579	1.603	1.623	1.660	1.587	1.571	4.02
25) T 2,4-Dichlorophenol	1.071	1.065	1.132	1.127	1.229	1.205	1.252	1.272	1.304	1.231	1.189	7.11
26) T 1,2,4-Trichlorobenzene	1.497	1.395	1.425	1.346	1.491	1.399	1.438	1.421	1.470	1.393	1.428	3.35
27) I IS2_1,4-Dichlorobenzene-d4	-----ISTD-----											
28) T Benzaldehyde	0.746	0.873	0.851	0.821	0.878	0.933	0.929	0.922	0.921	0.967	0.884	7.39
29) T Acetophenone	1.554	1.717	1.616	1.740	1.722	1.815	1.900	1.868	1.866	1.948	1.775	7.17
30) T m-Toluidine	1.274	1.384	1.453	1.480	1.525	1.610	1.676	1.636	1.636	1.740	1.542	9.39
31) T 2-Chloroaniline	1.420	1.514	1.518	1.567	1.592	1.678	1.726	1.680	1.662	1.733	1.609	6.45
32) I IS3_1,4-Dichlorobenzene-d4	-----ISTD-----											
33) T 1,4-Dioxane	0.623	0.416	0.378	0.436	0.519	0.452	0.393	0.410	0.390	0.375	0.439	17.66
34) T n-Decane	1.470	1.462	1.498	1.530	1.753	1.590	1.482	1.575	1.549	1.500	1.541	5.60
35) I IS1_Naphthalene-d8	-----ISTD-----											
36) T Naphthalene	1.067	0.996	0.998	0.980	1.043	1.003	0.999	0.984	1.020	0.982	1.007	2.82



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Instrument ID : SV124 Ical Ref : ICAL21549
 Calibration dates : 09/26/24 23:14 09/27/24 16:14

Calibration Files

1.0 =ABNL1.D 2.0 =ABNL2.D 3.0 =ABNL3.D 5.0 =ABNL4.D 10 =ABNL5.D 25 =ABNL6.D 50 =ABNL7.D
 100 =ABNL8.D 150 =ABNL9.D 200 =ABNL10.D

Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37) T Benzoic Acid			0.052	0.103	0.176	0.205	0.223	0.255	0.261	0.255	*L	0.9983
38) T 4-Chloroaniline	0.137	0.122	0.124	0.115	0.133	0.129	0.128	0.129	0.134	0.130	0.128	4.96
39) T Hexachlorobutadiene	0.233	0.229	0.229	0.224	0.239	0.230	0.230	0.226	0.236	0.224	0.230	2.12
40) T p-Chloro-m-cresol	0.265	0.266	0.267	0.258	0.282	0.286	0.295	0.302	0.310	0.298	0.283	6.37
41) T 2-Methylnaphthalene	0.759	0.680	0.705	0.672	0.715	0.702	0.699	0.696	0.716	0.701	0.705	3.35
42) T 1-Methylnaphthalene	0.238	0.225	0.237	0.224	0.238	0.228	0.230	0.229	0.235	0.229	0.231	2.28
43) T Hexachlorocyclopentadiene	0.213	0.217	0.220	0.207	0.234	0.240	0.240	0.249	0.259	0.250	0.233	7.58
44) T 2,4,6-Trichlorophenol	0.204	0.214	0.226	0.235	0.245	0.262	0.254	0.264	0.268	0.261	0.243	9.23
45) T 2,4,5-Trichlorophenol	0.285	0.262	0.255	0.252	0.271	0.273	0.277	0.284	0.294	0.279	0.273	4.98
46) S 2-Fluorobiphenyl	0.875	0.875	0.866	0.846	0.880	0.842	0.845	0.828	0.859	0.826	0.854	2.29
47) T 2-Chloronaphthalene	0.747	0.701	0.712	0.711	0.750	0.732	0.732	0.725	0.742	0.721	0.727	2.24
48) T 2-Nitroaniline	0.187	0.188	0.184	0.181	0.204	0.209	0.222	0.230	0.233	0.226	0.206	9.95
49) T 1,4-Dinitrobenzene	0.077	0.084	0.090	0.089	0.098	0.102	0.110	0.117	0.119	0.112	0.100	14.66
50) T 1,3-Dinitrobenzene	0.103	0.098	0.099	0.103	0.112	0.118	0.123	0.130	0.132	0.126	0.114	11.38
51) T Dimethyl phthalate	0.811	0.821	0.852	0.836	0.877	0.860	0.872	0.874	0.898	0.851	0.855	3.13
52) T Acenaphthylene	1.156	1.064	1.103	1.080	1.135	1.115	1.108	1.085	1.112	1.073	1.103	2.60
53) T 2,6-Dinitrotoluene	0.149	0.153	0.154	0.160	0.182	0.185	0.189	0.195	0.199	0.189	0.176	10.86
54) T 1,2-Dinitrobenzene	0.064	0.065	0.068	0.069	0.075	0.075	0.079	0.081	0.083	0.077	0.074	9.13
55) I IS2_Naphthalene-d8	-----ISTD-----											
56) T a-Terpineol	0.266	0.300	0.279	0.298	0.305	0.316	0.322	0.321	0.320	0.339	0.307	7.12
57) T 3-Chloroaniline	0.112	0.147	0.144	0.143	0.142	0.144	0.147	0.144	0.147	0.153	0.142	7.69
58) T 2,6-Dichlorophenol	0.212	0.258	0.261	0.266	0.277	0.293	0.295	0.302	0.302	0.311	0.278	10.69
59) T 1-chloro-2-nitrobenzene	0.112	0.122	0.126	0.128	0.125	0.134	0.135	0.137	0.139	0.144	0.130	7.36
60) T Caprolactam	0.101	0.133	0.132	0.144	0.161	0.158	0.166	0.178	0.183	0.187	0.154	17.42
61) T 1,2,4,5-Tetrachlorobenzene	0.373	0.394	0.408	0.403	0.396	0.408	0.409	0.403	0.401	0.414	0.401	2.85
62) T Biphenyl	0.810	0.901	0.902	0.881	0.883	0.904	0.905	0.881	0.888	0.918	0.887	3.36
63) I IS1_Acenaphthene-d10	-----ISTD-----											
64) T 3-Nitroaniline	0.247	0.235	0.256	0.259	0.301	0.295	0.320	0.319	0.329	0.308	0.287	11.98
65) T Acenaphthene	1.075	1.026	1.056	1.018	1.085	1.044	1.078	1.048	1.079	1.031	1.054	2.31
66) T 2,4-Dinitrophenol		0.098	0.117	0.136	0.157	0.175	0.193	0.204	0.211	0.194	*L	0.9979
67) T Dibenzofuran	1.739	1.689	1.644	1.670	1.741	1.680	1.728	1.650	1.698	1.615	1.685	2.52
68) T 2,4-Dinitrotoluene	0.332	0.341	0.325	0.344	0.386	0.396	0.429	0.432	0.444	0.413	0.384	11.81
69) T 4-Nitrophenol	0.175	0.192	0.205	0.203	0.232	0.236	0.264	0.262	0.273	0.254	0.230	14.81
70) T 2,3,5,6-Tetrachlorophenol	0.332	0.332	0.339	0.345	0.381	0.381	0.401	0.400	0.413	0.389	0.371	8.43
71) T 2,3,4,6-Tetrachlorophenol	0.348	0.350	0.361	0.331	0.377	0.374	0.393	0.392	0.404	0.379	0.371	6.21
72) T Diethyl phthalate	1.341	1.330	1.363	1.357	1.436	1.409	1.459	1.450	1.492	1.392	1.403	3.93



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : SV124 **Ical Ref** : ICAL21549
Calibration dates : 09/26/24 23:14 09/27/24 16:14

Calibration Files

1.0 =ABNL1.D 2.0 =ABNL2.D 3.0 =ABNL3.D 5.0 =ABNL4.D 10 =ABNL5.D 25 =ABNL6.D 50 =ABNL7.D
 100 =ABNL8.D 150 =ABNL9.D 200 =ABNL10.D

Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73) T Fluorene	1.424	1.351	1.327	1.312	1.415	1.331	1.400	1.372	1.417	1.329	1.368	3.16
74) T 4-Chlorophenyl-phenylether	0.735	0.681	0.696	0.669	0.709	0.693	0.712	0.690	0.705	0.661	0.695	3.12
75) T 4-Nitroaniline	0.250	0.239	0.243	0.252	0.291	0.303	0.336	0.307	0.316	0.300	0.284	12.23
76) T 4,6-Dinitro-o-cresol		0.131	0.186	0.183	0.223	0.237	0.260	0.273	0.281	0.256	*L	0.9977
77) T NDPA/DPA	1.161	1.160	1.106	1.087	1.172	1.146	1.193	1.171	1.200	1.138	1.153	3.10
78) T Azobenzene	1.233	1.136	1.191	1.170	1.276	1.243	1.299	1.289	1.322	1.247	1.241	4.81
79) S 2,4,6-Tribromophenol	0.188	0.195	0.205	0.197	0.214	0.216	0.232	0.234	0.237	0.226	0.214	8.25
80) T 4-Bromophenyl-phenylether	0.442	0.427	0.440	0.395	0.427	0.423	0.440	0.435	0.447	0.421	0.430	3.51
81) T Hexachlorobenzene	0.534	0.486	0.513	0.470	0.493	0.481	0.500	0.497	0.508	0.472	0.495	3.95
82) T Pentachlorophenol	0.182	0.199	0.256	0.242	0.287	0.300	0.336	0.340	0.355	0.329	*L	0.9981
83) I IS2_Acenaphthene-d10	-----ISTD-----											
84) T Dichloran	0.154	0.124	0.147	0.132	0.142	0.156	0.166	0.182	0.187	0.188	0.158	14.37
85) T Pentachloronitrobenzene	0.141	0.156	0.167	0.170	0.167	0.183	0.187	0.193	0.194	0.201	0.176	10.90
86) I IS3_Acenaphthene-d10	-----ISTD-----											
87) T Atrazine	0.344	0.311	0.346	0.344	0.385	0.387	0.376	0.418	0.413	0.411	0.374	9.66
88) I IS1_Phenanthrene-d10	-----ISTD-----											
89) T Phenanthrene	1.179	1.072	1.075	1.056	1.079	1.064	1.076	1.044	1.071	1.025	1.074	3.76
90) T Anthracene	1.070	1.049	1.054	1.038	1.098	1.089	1.110	1.090	1.114	1.067	1.078	2.42
91) T Carbazole	0.977	0.890	0.947	0.927	0.980	0.979	1.009	0.980	1.011	0.957	0.966	3.83
92) T Di-n-butylphthalate	1.152	1.125	1.121	1.101	1.210	1.252	1.266	1.265	1.300	1.204	1.200	5.92
93) T Fluoranthene	1.369	1.281	1.259	1.229	1.292	1.293	1.329	1.282	1.335	1.228	1.290	3.52
94) T Benzidine	0.657	0.643	0.652	0.657	0.707	0.732	0.766	0.753	0.790	0.741	0.710	7.60
95) T Pyrene	1.383	1.304	1.340	1.306	1.370	1.350	1.401	1.336	1.371	1.288	1.345	2.77
96) S 4-Terphenyl-d14	1.034	0.944	0.980	0.965	1.020	0.999	1.032	0.995	1.034	0.951	0.995	3.48
97) T Butyl benzyl phthalate	0.493	0.460	0.479	0.479	0.528	0.554	0.595	0.583	0.612	0.571	0.535	10.28
98) I IS2_Phenanthrene-d10	-----ISTD-----											
99) T Diphenamid	0.417	0.458	0.452	0.445	0.473	0.501	0.515	0.532	0.530	0.552	0.487	9.19
100) I IS3_Phenanthrene-d10	-----ISTD-----											
101) T n-Octadecane	0.470	0.427	0.443	0.475	0.502	0.502	0.476	0.507	0.511	0.511	0.482	6.12
102) T Parathion			0.079	0.081	0.091	0.095	0.098	0.118	0.122	0.125	*L	0.9947
103) T 3,3'-Dimethylbenzidine			0.633	0.683	0.820	0.828	0.810	0.914	0.916	0.891	0.812	12.90
104) I IS1_Chrysene-d12	-----ISTD-----											
105) T Benzo[a]anthracene	1.401	1.320	1.311	1.295	1.349	1.333	1.359	1.354	1.366	1.314	1.340	2.36
106) T 3,3'-Dichlorobenzidine	0.447	0.414	0.426	0.425	0.455	0.475	0.489	0.495	0.505	0.487	0.462	7.09
107) T Chrysene	1.384	1.282	1.244	1.238	1.287	1.256	1.281	1.227	1.262	1.223	1.268	3.68
108) T bis(2-Ethylhexyl)phthalate	0.749	0.702	0.712	0.729	0.804	0.838	0.852	0.873	0.889	0.856	0.800	8.89



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : SV124 **Ical Ref** : ICAL21549
Calibration dates : 09/26/24 23:14 09/27/24 16:14

Calibration Files

1.0 =ABNL1.D 2.0 =ABNL2.D 3.0 =ABNL3.D 5.0 =ABNL4.D 10 =ABNL5.D 25 =ABNL6.D 50 =ABNL7.D
 100 =ABNL8.D 150 =ABNL9.D 200 =ABNL10.D

Compound		1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109) T	Di-n-octylphthalate	1.207	1.130	1.162	1.172	1.319	1.403	1.472	1.492	1.543	1.475	1.338	11.86
110) T	Benzo(b)fluoranthene	1.337	1.326	1.247	1.322	1.300	1.271	1.409	1.319	1.402	1.379	1.331	3.99
111) T	Benzo(k)fluoranthene	1.242	1.171	1.181	1.187	1.316	1.332	1.267	1.277	1.268	1.192	1.243	4.67
112) T	Benzo(a)pyrene	1.224	1.148	1.091	1.121	1.214	1.201	1.237	1.210	1.249	1.203	1.190	4.39
113) I	ISl_Perylene-d12	-----ISTD-----											
114) T	Indeno(1,2,3-cd)pyrene	1.361	1.346	1.341	1.352	1.450	1.409	1.454	1.433	1.456	1.417	1.402	3.38
115) T	Dibenzo[a,h]anthracene	1.097	1.063	1.054	1.060	1.130	1.119	1.150	1.121	1.157	1.112	1.106	3.34
116) T	Benzo(g,h,i)perylene	1.094	1.049	1.036	1.032	1.092	1.072	1.101	1.070	1.089	1.065	1.070	2.31



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : SV106 **Ical Ref** : ICAL22075
Calibration dates : 03/11/25 16:50 03/12/25 06:06

Calibration Files

L1 =ABNL1.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	0.783	0.639	0.806	0.721	0.661	0.702	0.699	0.722	0.729	0.718	7.31
3) t	Pyridine	1.339	1.093	1.529	1.236	1.201	1.149	1.191	1.244	1.273	1.251	10.09
4) S	2-Fluorophenol	1.224	1.069	1.213	1.104	1.001	1.105	1.120	1.164	1.155	1.128	6.20
5) T	Aniline	1.435	1.473	1.919	1.836	1.609	1.811	1.825	1.885	1.851	1.738	10.53
6) t	2-Chlorophenol	1.198	1.133	1.316	1.271	1.151	1.200	1.235	1.253	1.205	1.218	4.74
7) S	Phenol-d6	1.413	1.195	1.418	1.380	1.214	1.307	1.307	1.353	1.318	1.323	5.98
8) T	Phenol	1.689	1.351	1.550	1.470	1.327	1.425	1.435	1.468	1.418	1.459	7.41
9) T	bis(2-Chloroethyl)ether	1.263	1.082	1.308	1.252	1.050	1.135	1.126	1.130	1.088	1.159	7.91
10) T	1,3-Dichlorobenzene	1.816	1.456	1.735	1.588	1.418	1.466	1.458	1.484	1.441	1.540	9.30
11) T	1,4-Dichlorobenzene	1.775	1.571	1.744	1.599	1.419	1.539	1.507	1.527	1.489	1.574	7.42
12) T	1,2-Dichlorobenzene	1.478	1.599	1.747	1.530	1.349	1.422	1.422	1.444	1.423	1.490	8.06
13) t	Benzyl alcohol	0.936	0.785	0.924	0.877	0.840	0.905	0.944	0.994	0.988	0.910	7.45
14) T	bis(2-chloroisopropyl)ether	3.091	2.730	3.138	2.726	2.446	2.605	2.535	2.564	2.500	2.704	9.30
15) T	2-Methylphenol	1.421	1.210	1.452	1.326	1.213	1.227	1.184	1.291	1.220	1.283	7.62
16) T	Hexachloroethane	0.595	0.543	0.555	0.568	0.502	0.539	0.536	0.544	0.533	0.546	4.72
17) T	n-Nitrosodi-n-propylamine	0.885	0.765	0.920	0.849	0.776	0.846	0.856	0.902	0.894	0.855	6.33
18) T	3-Methylphenol/4-Methylphenol	1.159	1.015	1.134	1.151	1.009	1.108	1.115	1.159	1.141	1.110	5.28
19) S	Nitrobenzene-d5	1.074	0.972	1.124	1.108	0.964	1.102	1.139	1.210	1.168	1.096	7.53
20) T	Nitrobenzene	1.087	1.017	1.105	1.088	1.032	1.137	1.184	1.229	1.185	1.118	6.41
21) T	Isophorone	2.346	2.038	2.466	2.303	2.103	2.283	2.326	2.409	2.386	2.296	6.10
22) T	2-Nitrophenol	0.450	0.400	0.518	0.481	0.457	0.512	0.554	0.609	0.599	0.509	13.74
23) T	2,4-Dimethylphenol	1.252	1.058	1.221	1.170	1.096	1.227	1.222	1.278	1.261	1.198	6.32
24) T	bis(2-Chloroethoxy)methane	2.026	1.644	1.872	1.648	1.492	1.468	1.436	1.469	1.695	1.639	12.36
25) T	2,4-Dichlorophenol	1.091	1.055	1.129	1.154	1.018	1.156	1.169	1.237	1.226	1.137	6.43
26) T	1,2,4-Trichlorobenzene	1.699	1.523	1.585	1.484	1.275	1.382	1.375	1.414	1.380	1.457	8.86
27) I	IS2_1,4-Dichlorobenzene-d4	-----ISTD-----										
28) T	Benzaldehyde	0.817	0.939	1.065	0.956	0.864	0.943	0.930	1.089	0.980	0.954	9.01
29) T	Acetophenone	1.654	1.322	1.819	1.638	1.502	1.665	1.613	1.890	1.708	1.646	10.09
30) T	m-Toluidine			1.266	1.297	1.394	1.557	1.561	1.856	1.668	1.514	13.95
31) T	2-Chloroaniline	1.346	1.252	1.654	1.465	1.369	1.470	1.496	1.744	1.531	1.481	10.28
32) I	IS3_1,4-Dichlorobenzene-d4	-----ISTD-----										
33) t	1,4-Dioxane	0.690	0.570	0.697	0.523	0.467	0.467	0.470	0.547	0.500	0.548	16.44
34) T	n-Decane	1.845	1.532	1.881	1.764	1.460	1.569	1.627	1.900	1.719	1.700	9.45
35) I	IS1_Naphthalene-d8	-----ISTD-----										
36) T	Naphthalene	1.239	1.058	1.194	1.095	0.950	1.020	1.014	1.024	1.003	1.066	8.86



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
Project Name : SYR GATEWAY APARTMENTS-REMEDIA
Instrument ID : SV106
Calibration dates : 03/11/25 16:50 03/12/25 06:06
Lab Number : L2524225
Project Number : 086328
Ical Ref : ICAL22075

Calibration Files

L1 =ABNL1.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			0.144	0.142	0.139	0.100	0.171	0.226		*Q	0.9979
38) T 4-Chloroaniline	0.134	0.133	0.135	0.133	0.119	0.133	0.132	0.135	0.131	0.132	3.68
39) T Hexachlorobutadiene	0.287	0.237	0.267	0.244	0.218	0.239	0.235	0.237	0.231	0.244	8.47
40) T p-Chloro-m-cresol	0.353	0.335	0.347	0.316	0.278	0.310	0.312	0.328	0.345	0.325	7.23
41) T 2-Methylnaphthalene	0.708	0.611	0.709	0.643	0.571	0.625	0.619	0.635	0.618	0.638	7.02
42) T 1-Methylnaphthalene	0.281	0.262	0.282	0.238	0.215	0.233	0.230	0.233	0.228	0.245	9.96
43) T Hexachlorocyclopentadiene	0.334	0.276	0.315	0.289	0.262	0.298	0.301	0.314	0.310	0.300	7.33
44) T 2,4,6-Trichlorophenol	0.279	0.224	0.250	0.236	0.219	0.252	0.258	0.271	0.272	0.251	8.55
45) T 2,4,5-Trichlorophenol	0.258	0.214	0.233	0.235	0.236	0.263	0.273	0.289	0.293	0.255	10.66
46) S 2-Fluorobiphenyl	1.075	0.922	1.017	0.923	0.824	0.893	0.877	0.899	0.879	0.923	8.35
47) T 2-Chloronaphthalene	0.915	0.720	0.839	0.749	0.679	0.734	0.718	0.733	0.721	0.756	9.69
48) T 2-Nitroaniline	0.133	0.138	0.149	0.146	0.144	0.174	0.188	0.211	0.213	0.166	18.82
49) T 1,4-Dinitrobenzene		0.014	0.011	0.014	0.012	0.015	0.025	0.053	0.099	*Q	1.0000
50) T 1,3-Dinitrobenzene					0.077	0.100	0.106	0.121	0.117	0.104	16.96
51) T Dimethyl phthalate	1.084	0.893	0.956	0.901	0.832	0.903	0.861	0.891	0.856	0.908	8.22
52) T Acenaphthylene	1.387	1.177	1.273	1.160	1.078	1.174	1.171	1.199	1.193	1.201	7.14
53) T 2,6-Dinitrotoluene	0.112	0.110	0.141	0.144	0.137	0.177	0.175	0.177	0.185	0.151	19.16
54) T 1,2-Dinitrobenzene		0.046	0.052	0.052	0.060	0.070	0.077	0.075	0.074	0.063	19.21
55) I IS2_Naphthalene-d8	-----ISTD-----										
56) T a-Terpineol	0.284	0.221	0.279	0.261	0.252	0.272	0.276	0.325	0.305	0.275	10.91
57) T 3-Chloroaniline	0.123	0.115	0.152	0.150	0.129	0.140	0.141	0.160	0.145	0.139	10.56
58) T 2,6-Dichlorophenol	0.283	0.236	0.265	0.258	0.236	0.264	0.274	0.319	0.295	0.270	9.87
59) T 1-chloro-2-nitrobenzene	0.095	0.092	0.108	0.102	0.099	0.104	0.112	0.133	0.126	0.108	12.82
60) T Caprolactam	0.196	0.156	0.149	0.147	0.136	0.148	0.166	0.200	0.184	0.165	14.22
61) T 1,2,4,5-Tetrachlorobenzene	0.460	0.358	0.442	0.409	0.368	0.381	0.381	0.427	0.388	0.401	8.71
62) T Biphenyl	1.000	0.843	0.967	0.890	0.807	0.844	0.829	0.939	0.848	0.885	7.69
63) I IS1_Acenaphthene-d10	-----ISTD-----										
64) T 3-Nitroaniline	0.247	0.185	0.207	0.227	0.217	0.266	0.293	0.314	0.315	0.252	18.81
65) T Acenaphthene	1.498	1.192	1.163	1.100	0.919	1.022	0.989	1.000	1.032	1.101	15.61
66) T 2,4-Dinitrophenol	0.046	0.075	0.095	0.099	0.095	0.117	0.131	0.164	0.167	*Q	0.9956
67) T Dibenzofuran	2.170	1.878	2.090	1.916	1.548	1.689	1.667	2.098	2.168	1.914	12.29
68) T 2,4-Dinitrotoluene	0.235	0.253	0.260	0.286	0.272	0.331	0.353	0.446	0.491	*Q	0.9979
69) T 4-Nitrophenol	0.180	0.133	0.178	0.179	0.160	0.198	0.216	0.236	0.253	0.192	19.52
70) T 2,3,5,6-Tetrachlorophenol	0.352	0.283	0.362	0.334	0.303	0.354	0.501	0.397	0.401	0.365	17.53
71) T 2,3,4,6-Tetrachlorophenol	0.341	0.270	0.342	0.334	0.302	0.349	0.363	0.399	0.396	0.344	11.94
72) T Diethyl phthalate	1.402	1.330	1.450	1.366	1.180	1.342	1.308	1.422	1.431	1.359	6.11



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : SV106 **Ical Ref** : ICAL22075
Calibration dates : 03/11/25 16:50 03/12/25 06:06

Calibration Files

L1 =ABNL1.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	1.612	1.458	1.505	1.421	1.191	1.352	1.350	1.395	1.407	1.410	8.22
74) T	4-Chlorophenyl-phenylether	0.907	0.776	0.824	0.747	0.620	0.687	0.681	0.703	0.694	0.738	11.78
75) T	4-Nitroaniline	0.216	0.187	0.227	0.238	0.213	0.260	0.264	0.300	0.304	0.246	16.23
76) T	4,6-Dinitro-o-cresol			0.141	0.133	0.135	0.176	0.191	0.226	0.235		*L 0.9929
77) T	NDPA/DPA	1.326	1.129	1.255	1.192	1.056	1.133	1.131	1.176	1.182	1.176	6.70
78) T	Azobenzene	1.195	1.034	1.201	1.149	0.990	1.110	1.122	1.143	1.147	1.121	6.20
79) S	2,4,6-Tribromophenol	0.187	0.164	0.208	0.202	0.180	0.214	0.218	0.240	0.238	0.206	12.38
80) T	4-Bromophenyl-phenylether	0.558	0.465	0.502	0.462	0.388	0.440	0.433	0.457	0.463	0.463	10.17
81) T	Hexachlorobenzene	0.590	0.600	0.659	0.542	0.450	0.501	0.500	0.525	0.520	0.543	11.65
82) T	Pentachlorophenol			0.246	0.237	0.227	0.278	0.300	0.336	0.352	0.282	17.41
83) I	IS2_Acenaphthene-d10	-----ISTD-----										
84) T	Dichloran					0.086	0.107	0.121	0.165	0.167		*L 0.9986
85) T	Pentachloronitrobenzene			0.134	0.111	0.119	0.132	0.147	0.185	0.180	0.144	19.92
86) I	IS3_Acenaphthene-d10	-----ISTD-----										
87) T	Atrazine	0.371	0.301	0.330	0.306	0.305	0.335	0.385	0.516	0.440	0.366	19.90
88) I	IS1_Phenanthrene-d10	-----ISTD-----										
89) T	Phenanthrene	1.467	1.201	1.229	1.130	0.984	1.066	1.050	1.070	1.022	1.135	13.04
90) T	Anthracene	1.273	1.128	1.218	1.083	0.972	1.086	1.067	1.091	1.049	1.107	8.13
91) T	Carbazole	1.007	0.946	1.055	0.993	0.902	0.996	0.987	1.014	1.000	0.989	4.36
92) T	Di-n-butylphthalate	1.042	0.879	1.042	0.976	0.931	1.115	1.147	1.464	1.453	1.116	18.90
93) T	Fluoranthene	1.518	1.269	1.388	1.260	1.152	1.255	1.257	1.322	1.257	1.298	8.00
94) T	Benzidine			0.517	0.579	0.617	0.739	0.782	0.857	0.834	0.704	18.85
95) T	Pyrene	1.623	1.313	1.486	1.366	1.236	1.328	1.280	1.330	1.268	1.359	9.00
96) S	4-Terphenyl-d14	1.198	1.044	1.129	1.026	0.928	1.001	0.974	1.018	1.020	1.038	7.80
97) T	Butyl benzyl phthalate			0.360	0.335	0.347	0.440	0.470	0.554	0.567		*L 0.9941
98) I	IS2_Phenanthrene-d10	-----ISTD-----										
99) T	Diphenamid	0.384	0.336	0.383	0.352	0.358	0.426	0.442	0.538	0.495	0.413	16.71
100) I	IS3_Phenanthrene-d10	-----ISTD-----										
101) T	n-Octadecane	0.465	0.378	0.436	0.423	0.377	0.441	0.479	0.604	0.519	0.458	15.53
102) T	Parathion			0.066	0.057	0.051	0.057	0.068	0.107			*Q 1.0000
103) T	3,3'-Dimethylbenzidine					0.486	0.597	0.764	1.061	0.970		*L 0.9945
104) I	IS1_Chrysene-d12	-----ISTD-----										
105) T	Benzo[a]anthracene	1.484	1.248	1.356	1.216	1.113	1.221	1.268	1.313	1.283	1.278	8.06
106) T	3,3'-Dichlorobenzidine	0.366	0.327	0.409	0.409	0.404	0.457	0.478	0.512	0.498	0.429	14.44
107) T	Chrysene	1.563	1.341	1.467	1.269	1.114	1.190	1.140	1.179	1.140	1.267	12.56
108) T	bis(2-Ethylhexyl)phthalate			0.435	0.532	0.503	0.541	0.652	0.677	0.758	0.770	*L 0.9961



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : SV106 **Ical Ref** : ICAL22075
Calibration dates : 03/11/25 16:50 03/12/25 06:06

Calibration Files

L1 =ABNL1.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			0.787	0.753	0.799	1.040	1.119	1.350	1.382	*L	0.9931
110) T	Benzo(b)fluoranthene	1.371	1.201	1.334	1.447	1.256	1.333	1.253	1.339	1.293	1.314	5.55
111) T	Benzo(k)fluoranthene	1.449	1.230	1.429	1.106	1.048	1.187	1.224	1.191	1.137	1.222	11.12
112) T	Benzo(a)pyrene	1.200	1.065	1.216	1.142	1.065	1.177	1.159	1.206	1.180	1.157	4.92
113) I	IS1_Perylene-d12	-----ISTD-----										
114) T	Indeno(1,2,3-cd)pyrene	1.094	0.997	1.068	1.000	0.977	1.136	1.132	1.161	1.045	1.068	6.34
115) T	Dibenzo[a,h]anthracene	1.140	0.961	1.119	1.074	0.959	1.097	1.114	1.091	1.009	1.063	6.47
116) T	Benzo(g,h,i)perylene	1.131	1.077	1.115	1.076	0.929	1.064	1.072	1.061	0.902	1.047	7.50



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
Project Name : SYR GATEWAY APARTMENTS-REMEDIA
Instrument ID : SV112
Calibration dates : 03/13/25 13:47 03/14/25 00:48
Lab Number : L2524225
Project Number : 086328
Ical Ref : ICAL22084

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	0.535	0.614	0.762	0.713	0.686	0.712	0.727	0.770	0.740	0.695	10.93
3) T	Pyridine	1.038	1.037	1.310	1.193	1.222	1.208	1.276	1.365	1.287	1.215	9.39
4) S	2-Fluorophenol	0.976	1.077	1.135	1.126	0.986	1.083	1.091	1.158	1.111	1.083	5.85
5) T	Aniline	1.376	1.481	1.845	1.889	1.630	1.871	1.879	2.011	1.951	1.770	12.48
6) T	2-Chlorophenol	1.525	1.102	1.271	1.284	1.087	1.218	1.215	1.282	1.243	1.247	10.19
7) S	Phenol-d6	1.430	1.179	1.339	1.333	1.189	1.343	1.367	1.499	1.476	1.350	8.29
8) T	Phenol	1.619	1.408	1.621	1.678	1.414	1.585	1.602	1.721	1.679	1.592	6.99
9) T	bis(2-Chloroethyl)ether	1.187	1.178	1.245	1.142	1.048	1.157	1.121	1.168	1.125	1.152	4.70
10) T	1,3-Dichlorobenzene	1.525	1.504	1.644	1.539	1.344	1.413	1.421	1.454	1.410	1.473	6.10
11) T	1,4-Dichlorobenzene	1.746	1.584	1.654	1.558	1.339	1.471	1.447	1.487	1.438	1.525	8.11
12) T	1,2-Dichlorobenzene	1.637	1.570	1.566	1.543	1.306	1.386	1.366	1.412	1.378	1.463	7.95
13) T	Benzyl alcohol	0.974	0.960	0.911	0.919	0.865	0.956	0.974	1.101	1.090	0.972	8.04
14) T	bis(2-chloroisopropyl)ether	1.816	1.818	1.745	1.698	1.450	1.613	1.621	1.706	1.595	1.674	7.02
15) T	2-Methylphenol	1.084	1.018	1.015	1.044	0.921	1.059	1.059	1.162	1.135	1.055	6.68
16) T	Hexachloroethane	0.689	0.479	0.577	0.581	0.500	0.536	0.544	0.577	0.565	0.561	10.69
17) T	n-Nitrosodi-n-propylamine	1.000	0.846	0.891	0.874	0.776	0.894	0.891	0.992	0.976	0.904	8.12
18) T	3-Methylphenol/4-Methylphenol	1.386	0.973	1.242	1.141	1.017	1.124	1.147	1.247	1.244	1.169	10.86
19) S	Nitrobenzene-d5	1.244	1.198	1.282	1.258	1.131	1.279	1.297	1.410	1.379	1.275	6.66
20) T	Nitrobenzene	1.295	1.159	1.366	1.305	1.176	1.292	1.315	1.421	1.387	1.302	6.77
21) T	Isophorone	2.484	2.134	2.414	2.339	2.165	2.406	2.456	2.686	2.560	2.405	7.31
22) T	2-Nitrophenol	0.571	0.409	0.590	0.549	0.547	0.608	0.638	0.718	0.710	0.593	15.76
23) T	2,4-Dimethylphenol	1.318	1.067	1.189	1.188	1.116	1.237	1.278	1.379	1.364	1.237	8.70
24) T	bis(2-Chloroethoxy)methane	1.994	1.514	1.623	1.576	1.424	1.532	1.574	1.693	1.614	1.616	9.94
25) T	2,4-Dichlorophenol	0.989	1.004	1.120	1.119	1.041	1.148	1.190	1.313	1.289	1.135	10.18
26) T	1,2,4-Trichlorobenzene	1.571	1.440	1.528	1.464	1.308	1.362	1.369	1.480	1.433	1.440	5.80
27) I	IS2_1,4-Dichlorobenzene-d4	-----ISTD-----										
28) T	Benzaldehyde	0.702	0.840	1.112	0.972	0.900	0.965	0.964	1.111	1.017	0.954	13.55
29) T	Acetophenone	1.850	1.531	1.906	1.714	1.495	1.668	1.676	1.958	1.784	1.731	9.18
30) T	m-Toluidine			1.279	1.380	1.398	1.594	1.634	1.913	1.737	1.562	14.33
31) T	2-Chloroaniline	1.451	1.287	1.642	1.525	1.371	1.509	1.476	1.745	1.579	1.509	9.11
32) I	IS3_1,4-Dichlorobenzene-d4	-----ISTD-----										
33) T	1,4-Dioxane		0.440	0.538	0.514	0.451	0.433	0.453	0.544	0.478	0.481	9.28
34) T	n-Decane	1.334	1.269	1.474	1.367	1.150	1.224	1.260	1.538	1.339	1.328	9.13
35) I	IS1_Naphthalene-d8	-----ISTD-----										
36) T	Naphthalene	1.207	1.055	1.151	1.054	0.928	0.988	0.988	0.967	0.889	1.025	10.04



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies Lab Number : L2524225
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA Project Number : 086328
 Instrument ID : SV112 Ical Ref : ICAL22084
 Calibration dates : 03/13/25 13:47 03/14/25 00:48

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) T Benzoic Acid			0.068	0.110	0.139	0.192	0.214	0.265	0.268	*L	0.9928
38) T 4-Chloroaniline	0.118	0.109	0.138	0.134	0.120	0.131	0.128	0.138	0.135	0.128	8.03
39) T Hexachlorobutadiene	0.328	0.256	0.291	0.258	0.233	0.249	0.244	0.249	0.244	0.261	11.39
40) T p-Chloro-m-cresol	0.269	0.262	0.302	0.267	0.258	0.287	0.301	0.322	0.314	0.287	8.37
41) T 2-Methylnaphthalene	0.754	0.642	0.688	0.622	0.563	0.615	0.614	0.643	0.605	0.638	8.61
42) T 1-Methylnaphthalene	0.277	0.238	0.269	0.229	0.214	0.237	0.238	0.249	0.243	0.244	7.94
43) T Hexachlorocyclopentadiene	0.345	0.296	0.330	0.302	0.277	0.311	0.313	0.334	0.325	0.315	6.78
44) T 2,4,6-Trichlorophenol	0.315	0.247	0.280	0.235	0.228	0.265	0.267	0.300	0.292	0.270	10.96
45) T 2,4,5-Trichlorophenol	0.258	0.220	0.267	0.272	0.250	0.282	0.300	0.304	0.301	0.273	10.23
46) S 2-Fluorobiphenyl	1.060	0.979	1.022	0.911	0.822	0.881	0.881	0.877	0.812	0.916	9.43
47) T 2-Chloronaphthalene	0.875	0.698	0.825	0.750	0.681	0.730	0.721	0.745	0.705	0.748	8.45
48) T 2-Nitroaniline	0.158	0.156	0.193	0.192	0.188	0.208	0.227	0.250	0.244	0.202	16.80
49) T 1,4-Dinitrobenzene	0.132	0.093	0.109	0.090	0.087	0.109	0.114	0.129	0.130	0.110	15.94
50) T 1,3-Dinitrobenzene	0.137	0.088	0.113	0.104	0.103	0.125	0.134	0.152	0.150	0.123	18.10
51) T Dimethyl phthalate	1.195	0.932	1.050	0.917	0.838	0.933	0.932	0.961	0.878	0.959	11.01
52) T Acenaphthylene	1.397	1.186	1.304	1.177	1.098	1.213	1.206	1.221	1.114	1.213	7.57
53) T 2,6-Dinitrotoluene	0.164	0.121	0.176	0.165	0.160	0.191	0.193	0.206	0.203	0.176	15.15
54) T 1,2-Dinitrobenzene	0.064	0.072	0.080	0.082	0.072	0.083	0.087	0.096	0.098	0.081	13.55
55) I IS2_Naphthalene-d8	-----ISTD-----										
56) T a-Terpineol	0.244	0.183	0.275	0.250	0.240	0.248	0.254	0.303	0.279	0.253	13.20
57) T 3-Chloroaniline	0.091	0.111	0.138	0.125	0.128	0.144	0.136	0.156	0.145	0.130	15.12
58) T 2,6-Dichlorophenol	0.271	0.249	0.297	0.278	0.259	0.277	0.292	0.334	0.307	0.285	9.07
59) T 1-chloro-2-nitrobenzene	0.148	0.129	0.146	0.122	0.124	0.134	0.133	0.158	0.143	0.138	8.82
60) T Caprolactam		0.073	0.116	0.102	0.111	0.131	0.145	0.176	0.163	*L	0.9932
61) T 1,2,4,5-Tetrachlorobenzene	0.496	0.399	0.476	0.439	0.405	0.433	0.408	0.469	0.419	0.438	7.95
62) T Biphenyl	0.959	0.811	1.017	0.891	0.840	0.868	0.849	0.948	0.826	0.890	7.85
63) I IS1_Acenaphthene-d10	-----ISTD-----										
64) T 3-Nitroaniline	0.346	0.238	0.304	0.296	0.270	0.313	0.331	0.343	0.338	0.309	11.82
65) T Acenaphthene	1.355	1.087	1.166	1.031	0.947	1.012	1.025	1.039	0.989	1.072	11.43
66) T 2,4-Dinitrophenol		0.079	0.134	0.129	0.140	0.168	0.184	0.207	0.207	*L	0.9957
67) T Dibenzofuran	2.391	2.035	2.054	1.795	1.613	1.732	1.725	1.699	1.554	1.844	14.43
68) T 2,4-Dinitrotoluene	0.358	0.362	0.394	0.371	0.358	0.410	0.439	0.457	0.465	0.402	10.75
69) T 4-Nitrophenol	0.193	0.180	0.206	0.215	0.221	0.247	0.261	0.271	0.270	0.229	14.86
70) T 2,3,5,6-Tetrachlorophenol	0.355	0.332	0.386	0.365	0.363	0.410	0.430	0.445	0.445	0.392	10.64
71) T 2,3,4,6-Tetrachlorophenol	0.393	0.364	0.407	0.384	0.357	0.404	0.429	0.435	0.425	0.400	7.00
72) T Diethyl phthalate	1.802	1.542	1.610	1.447	1.318	1.452	1.480	1.460	1.362	1.497	9.57



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
Project Name : SYR GATEWAY APARTMENTS-REMEDIA
Instrument ID : SV112
Calibration dates : 03/13/25 13:47 03/14/25 00:48
Lab Number : L2524225
Project Number : 086328
Ical Ref : ICAL22084

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	Fluorene	1.744	1.522	1.616	1.417	1.251	1.381	1.399	1.399	1.313	1.449	10.60
74) T	4-Chlorophenyl-phenylether	0.952	0.808	0.824	0.765	0.667	0.711	0.725	0.726	0.701	0.764	11.32
75) T	4-Nitroaniline	0.267	0.278	0.327	0.318	0.297	0.333	0.359	0.361	0.356	0.322	10.89
76) T	4,6-Dinitro-o-cresol		0.167	0.211	0.219	0.212	0.242	0.259	0.280	0.282	0.234	16.85
77) T	NDPA/DPA	1.285	1.184	1.240	1.201	1.095	1.178	1.192	1.199	1.142	1.191	4.51
78) T	Azobenzene	1.521	1.294	1.413	1.351	1.214	1.346	1.355	1.329	1.224	1.339	6.98
79) S	2,4,6-Tribromophenol			0.242	0.227	0.212	0.229	0.248	0.264	0.268	0.241	8.46
80) T	4-Bromophenyl-phenylether	0.565	0.589	0.540	0.471	0.421	0.460	0.470	0.484	0.479	0.498	11.00
81) T	Hexachlorobenzene	0.735	0.637	0.625	0.576	0.508	0.532	0.556	0.553	0.549	0.586	11.87
82) T	Pentachlorophenol	0.280	0.247	0.280	0.274	0.276	0.333	0.357	0.390	0.398	0.315	17.67
83) I	IS2_Acenaphthene-d10	-----ISTD-----										
84) T	Dichloran			0.179	0.143	0.154	0.169	0.181	0.235	0.223	0.183	18.43
85) T	Pentachloronitrobenzene	0.191	0.160	0.185	0.177	0.172	0.198	0.200	0.244	0.224	0.195	13.43
86) I	IS3_Acenaphthene-d10	-----ISTD-----										
87) T	Atrazine	0.525	0.396	0.442	0.428	0.388	0.431	0.469	0.605	0.544	0.470	15.62
88) I	IS1_Phenanthrene-d10	-----ISTD-----										
89) T	Phenanthrene	1.468	1.193	1.252	1.072	0.963	1.012	1.006	0.981	0.869	1.091	16.86
90) T	Anthracene	1.239	1.099	1.165	1.034	0.957	1.024	1.016	1.008	0.879	1.047	10.28
91) T	Carbazole	1.110	0.988	1.059	0.982	0.891	0.961	0.969	0.954	0.847	0.974	8.09
92) T	Di-n-butylphthalate	1.202	1.094	1.120	1.044	1.007	1.114	1.148	1.127	0.958	1.090	6.90
93) T	Fluoranthene	1.546	1.354	1.387	1.274	1.163	1.255	1.262	1.221	1.052	1.279	10.99
94) T	Benzidine			0.560	0.599	0.619	0.735	0.778	0.806	0.747	0.692	14.05
95) T	Pyrene	1.538	1.336	1.531	1.354	1.255	1.343	1.326	1.260	1.076	1.335	10.56
96) S	4-Terphenyl-d14	1.298	1.046	1.138	1.040	0.955	1.030	1.012	1.001	0.895	1.046	11.04
97) T	Butyl benzyl phthalate	0.456	0.438	0.465	0.427	0.415	0.465	0.507	0.553	0.542	0.474	10.39
98) I	IS2_Phenanthrene-d10	-----ISTD-----										
99) T	Diphenamid	0.466	0.384	0.424	0.403	0.394	0.436	0.458	0.549	0.497	0.446	11.95
100) I	IS3_Phenanthrene-d10	-----ISTD-----										
101) T	n-Octadecane	0.451	0.332	0.373	0.354	0.318	0.356	0.393	0.489	0.431	0.389	14.83
102) T	Parathion			0.102	0.085	0.076	0.086	0.101	0.146			*Q 0.9999
103) T	3,3'-Dimethylbenzidine					0.519	0.669	0.808	1.114	0.980		*L 0.9916
104) I	IS1_Chrysene-d12	-----ISTD-----										
105) T	Benzo[a]anthracene	1.580	1.240	1.381	1.266	1.098	1.214	1.222	1.185	1.015	1.245	13.04
106) T	3,3'-Dichlorobenzidine	0.488	0.409	0.423	0.406	0.390	0.455	0.470	0.501	0.478	0.447	9.08
107) T	Chrysene	1.530	1.333	1.365	1.239	1.072	1.141	1.124	1.053	0.876	1.192	16.43
108) T	bis(2-Ethylhexyl)phthalate	0.672	0.527	0.604	0.552	0.558	0.656	0.690	0.710	0.629	0.622	10.54



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : SV112 **Ical Ref** : ICAL22084
Calibration dates : 03/13/25 13:47 03/14/25 00:48

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	Di-n-octylphthalate	1.006	0.901	0.954	0.908	0.880	1.057	1.126	1.142	0.967	0.994	9.73
110) T	Benzo(b)fluoranthene	1.356	1.188	1.301	1.156	1.152	1.287	1.179	1.177	1.021	1.202	8.28
111) T	Benzo(k)fluoranthene	1.474	1.222	1.376	1.283	1.038	1.146	1.213	1.108	0.944	1.200	13.73
112) T	Benzo(a)pyrene	1.256	1.138	1.237	1.137	1.025	1.138	1.131	1.113	0.969	1.127	7.98
113) I	IS1_Perylene-d12	-----ISTD-----										
114) T	Indeno(1,2,3-cd)pyrene	1.185	1.064	1.174	1.046	0.943	1.029	1.107	1.133	1.181	1.096	7.52
115) T	Dibenzo[a,h]anthracene	1.158	1.017	1.144	1.052	0.952	1.056	1.076	1.095	1.018	1.063	6.08
116) T	Benzo(g,h,i)perylene	1.328	1.085	1.197	1.099	0.979	1.056	1.063	1.074	1.007	1.099	9.60



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
Project Name : SYR GATEWAY APARTMENTS-REMEDIA
Instrument ID : SV134
Calibration dates : 04/08/25 14:30 04/09/25 02:00
Lab Number : L2524225
Project Number : 086328
Ical Ref : ICAL22191

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
1) I IS1_1,4-Dichlorobenzene-d4	-----ISTD-----										
2) t n-Nitrosodimethylamine	0.801	0.725	0.688	0.699	0.689	0.746	0.714	0.719	0.722	0.745	4.63
3) t Pyridine	0.972	0.913	0.776	0.847	0.923	1.039	1.047	1.073	1.114	1.142	12.08
4) S 2-Fluorophenol	1.117	1.002	0.968	1.049	1.062	1.116	1.093	1.122	1.137	1.133	5.41
5) T Aniline	2.112	2.011	1.905	1.902	1.942	2.109	1.962	1.938	1.897	1.761	5.36
6) t 2-Chlorophenol	1.421	1.322	1.286	1.346	1.349	1.458	1.369	1.370	1.366	1.293	3.90
7) S Phenol-d6	1.493	1.382	1.339	1.369	1.407	1.558	1.472	1.463	1.470	1.402	4.65
8) T Phenol	1.859	1.703	1.570	1.624	1.655	1.825	1.702	1.690	1.649	1.543	5.94
9) T Bis(2-chloroethyl)ether	1.332	1.246	1.159	1.168	1.172	1.276	1.183	1.172	1.156	1.101	5.67
10) T 1,3-Dichlorobenzene	1.773	1.569	1.506	1.560	1.533	1.616	1.508	1.479	1.434	1.409	6.69
11) T 1,4-Dichlorobenzene	1.748	1.644	1.564	1.606	1.579	1.668	1.567	1.513	1.463	1.426	6.08
12) T 1,2-Dichlorobenzene	1.718	1.627	1.531	1.570	1.530	1.628	1.515	1.476	1.424	1.357	6.84
13) t Benzyl alcohol	1.056	1.036	0.962	0.975	1.028	1.167	1.086	1.093	1.103	1.012	5.94
14) T Bis(2-chloroisopropyl)...	2.472	2.328	2.237	2.232	2.216	2.416	2.220	2.161	2.102	1.936	6.86
15) T 2-Methylphenol	1.232	1.197	1.090	1.154	1.172	1.297	1.210	1.189	1.174	1.080	5.40
16) T Hexachloroethane	0.577	0.570	0.539	0.546	0.546	0.581	0.549	0.539	0.534	0.524	3.47
17) T n-Nitrosodi-n-propylamine	0.964	0.939	0.877	0.854	0.919	1.012	0.928	0.914	0.908	0.832	5.73
18) T 3-Methylphenol/4-Methy...	1.352	1.313	1.183	1.224	1.262	1.401	1.289	1.255	1.229	1.122	6.42
19) S Nitrobenzene-d5	1.311	1.275	1.215	1.229	1.295	1.451	1.339	1.349	1.340	1.220	5.60
20) T Nitrobenzene	1.348	1.312	1.259	1.280	1.342	1.498	1.375	1.354	1.326	1.214	5.75
21) T Isophorone	2.726	2.551	2.402	2.423	2.530	2.771	2.540	2.487	2.484	2.272	5.83
22) T 2-Nitrophenol	0.613	0.602	0.589	0.601	0.663	0.777	0.738	0.744	0.748	0.662	10.73
23) T 2,4-Dimethylphenol	1.432	1.324	0.951	1.311	1.367	1.506	1.412	1.368	1.379	1.248	11.33
24) T Bis(2-chloroethoxy)met...	1.778	1.660	1.519	1.573	1.600	1.726	1.576	1.521	1.509	1.380	7.28
25) T 2,4-Dichlorophenol	1.333	1.288	1.203	1.231	1.311	1.457	1.348	1.309	1.286	1.176	6.19
26) T 1,2,4-Trichlorobenzene	1.598	1.531	1.441	1.453	1.441	1.578	1.443	1.408	1.371	1.272	6.68
27) I IS2_1,4-Dichlorobenzene-d4	-----ISTD-----										
28) T Benzaldehyde	1.221	1.113	1.097	1.093	1.035	1.132	1.084	1.105	1.144	1.072	4.47
29) T Acetophenone	2.075	1.987	1.930	1.890	1.845	1.970	1.914	1.912	1.975	1.813	3.90
30) T m-Toluidine	1.766	1.688	1.686	1.722	1.721	1.902	1.861	1.873	1.930	1.785	5.10
31) T 2-Chloroaniline	1.926	1.824	1.776	1.775	1.763	1.849	1.810	1.787	1.820	1.648	3.94
32) I IS3_1,4-Dichlorobenzene-d4	-----ISTD-----										
33) T 1,4-Dioxane	0.620	0.464	0.416	0.416	0.416	0.470	0.410	0.417	0.418	0.399	14.81
34) T n-Decane	1.953	1.462	1.286	1.362	1.342	1.499	1.337	1.334	1.314	1.245	14.46
35) I IS1_Naphthalene-d8	-----ISTD-----										
36) T Naphthalene	1.232	1.155	1.095	1.115	1.084	1.129	1.033	0.955	0.877	0.849	11.73



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
Project Name : SYR GATEWAY APARTMENTS-REMEDIA
Instrument ID : SV134
Calibration dates : 04/08/25 14:30 04/09/25 02:00
Lab Number : L2524225
Project Number : 086328
Ical Ref : ICAL22191

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	
37)	T Benzoic Acid	0.289	0.191	0.162	0.185	0.242	0.274	0.264	0.277	0.281	0.257	0.242	18.93
38)	T 4-Chloroaniline	0.142	0.135	0.126	0.132	0.135	0.142	0.132	0.130	0.129	0.123	0.133	4.70
39)	T Hexachlorobutadiene	0.242	0.213	0.220	0.222	0.215	0.224	0.210	0.205	0.199	0.196	0.215	6.31
40)	T p-Chloro-m-cresol	0.316	0.301	0.281	0.298	0.314	0.339	0.317	0.312	0.310	0.297	0.308	5.04
41)	T 2-Methylnaphthalene	0.797	0.735	0.693	0.700	0.704	0.744	0.683	0.643	0.616	0.596	0.691	8.80
42)	T 1-Methylnaphthalene	0.274	0.255	0.233	0.240	0.241	0.257	0.242	0.236	0.232	0.224	0.243	6.01
43)	T Hexachlorocyclopentadiene	0.231	0.217	0.216	0.230	0.244	0.269	0.255	0.255	0.253	0.247	0.242	7.28
44)	T 2,4,6-Trichlorophenol	0.258	0.256	0.239	0.254	0.260	0.287	0.270	0.270	0.263	0.253	0.261	4.88
45)	T 2,4,5-Trichlorophenol	0.331	0.298	0.270	0.286	0.301	0.321	0.301	0.286	0.284	0.273	0.295	6.56
46)	S 2-Fluorobiphenyl	1.095	0.984	0.925	0.934	0.934	0.968	0.879	0.815	0.757	0.739	0.903	12.07
47)	T 2-Chloronaphthalene	0.903	0.818	0.783	0.789	0.799	0.820	0.758	0.712	0.670	0.651	0.770	9.83
48)	T 2-Nitroaniline	0.217	0.210	0.194	0.214	0.238	0.268	0.251	0.251	0.249	0.237	0.233	9.92
49)	T 1,4-Dinitrobenzene	0.095	0.095	0.093	0.101	0.114	0.133	0.129	0.130	0.131	0.125	0.114	14.74
50)	T 1,3-Dinitrobenzene	0.111	0.115	0.106	0.117	0.134	0.150	0.143	0.139	0.138	0.132	0.128	11.68
51)	T Dimethyl phthalate	1.095	1.022	0.954	0.971	0.978	1.012	0.918	0.844	0.797	0.766	0.936	11.20
52)	T Acenaphthylene	1.447	1.351	1.271	1.279	1.299	1.340	1.219	1.109	1.006	0.969	1.229	12.60
53)	T 2,6-Dinitrotoluene	0.182	0.186	0.175	0.187	0.199	0.220	0.205	0.200	0.201	0.192	0.195	6.70
54)	T 1,2-Dinitrobenzene	0.083	0.085	0.078	0.085	0.090	0.101	0.092	0.089	0.086	0.083	0.087	7.08
55)	I IS2_Naphthalene-d8	-----ISTD-----											
56)	T a-Terpineol	0.313	0.298	0.281	0.295	0.287	0.317	0.311	0.309	0.299	0.279	0.299	4.54
57)	T 3-Chloroaniline	0.185	0.173	0.166	0.165	0.155	0.163	0.164	0.158	0.154	0.146	0.163	6.61
58)	T 2,6-Dichlorophenol	0.346	0.330	0.320	0.327	0.322	0.349	0.346	0.331	0.321	0.299	0.329	4.61
59)	T 1-chloro-2-nitrobenzene	0.152	0.141	0.131	0.135	0.134	0.152	0.151	0.152	0.151	0.144	0.144	5.84
60)	T Caprolactam	0.218	0.190	0.174	0.188	0.181	0.203	0.205	0.201	0.200	0.195	0.196	6.60
61)	T 1,2,4,5-Tetrachloroben...	0.483	0.440	0.408	0.417	0.391	0.408	0.397	0.376	0.358	0.323	0.400	10.98
62)	T Biphenyl	1.166	1.041	0.997	1.034	0.966	0.989	0.960	0.855	0.789	0.700	0.950	14.20
63)	I IS1_Acenaphthene-d10	-----ISTD-----											
64)	T 3-Nitroaniline	0.335	0.320	0.317	0.348	0.355	0.379	0.359	0.348	0.349	0.337	0.345	5.36
65)	T Acenaphthene	1.296	1.242	1.175	1.172	1.172	1.207	1.101	1.032	0.966	0.953	1.132	10.22
66)	T 2,4-Dinitrophenol		0.111	0.112	0.123	0.150	0.175	0.169	0.175	0.179	0.167	*L	0.99
87)													
67)	T Dibenzofuran	2.181	1.919	1.868	1.870	1.866	1.874	1.699	1.551	1.413	1.362	1.760	14.38
68)	T 2,4-Dinitrotoluene	0.409	0.380	0.371	0.397	0.442	0.480	0.448	0.431	0.416	0.401	0.418	7.97
69)	T 4-Nitrophenol	0.258	0.230	0.216	0.235	0.253	0.274	0.267	0.264	0.266	0.253	0.252	7.44
70)	T 2,3,5,6-Tetrachlorophenol	0.404	0.352	0.331	0.352	0.373	0.407	0.385	0.378	0.372	0.357	0.371	6.42
71)	T 2,3,4,6-Tetrachlorophenol	0.411	0.370	0.354	0.376	0.389	0.410	0.385	0.369	0.364	0.354	0.378	5.43



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : SV134 **Ical Ref** : ICAL22191
Calibration dates : 04/08/25 14:30 04/09/25 02:00

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	
72) T	Diethyl phthalate	1.670	1.496	1.465	1.496	1.521	1.563	1.459	1.368	1.306	1.289	1.463	7.95
73) T	Fluorene	1.718	1.542	1.466	1.488	1.487	1.535	1.405	1.279	1.186	1.143	1.425	12.36
74) T	4-Chlorophenyl phenyl ...	0.850	0.755	0.745	0.746	0.746	0.737	0.679	0.626	0.577	0.557	0.702	12.97
75) T	4-Nitroaniline	0.352	0.343	0.329	0.357	0.372	0.400	0.372	0.366	0.365	0.352	0.361	5.33
76) T	4,6-Dinitro-o-cresol	0.187	0.176	0.169	0.185	0.219	0.245	0.236	0.240	0.241	0.227	0.213	14.08
77) T	NDPA/DPA	1.465	1.331	1.265	1.289	1.298	1.321	1.217	1.137	1.069	1.047	1.244	10.34
78) T	Azobenzene	1.474	1.328	1.283	1.288	1.312	1.340	1.228	1.160	1.108	1.073	1.259	9.54
79) S	2,4,6-Tribromophenol	0.230	0.223	0.209	0.223	0.233	0.250	0.243	0.243	0.249	0.244	0.235	5.67
80) T	4-Bromophenyl phenyl e...	0.504	0.458	0.444	0.445	0.448	0.465	0.436	0.421	0.413	0.401	0.443	6.58
81) T	Hexachlorobenzene	0.639	0.564	0.538	0.533	0.524	0.544	0.504	0.493	0.491	0.480	0.531	8.74
82) T	Pentachlorophenol	0.328	0.284	0.267	0.291	0.308	0.350	0.338	0.333	0.340	0.326	0.316	8.73
83) I	IS2_Acenaphthene-d10	-----ISTD-----											
84) T	Dichloran		0.140	0.128	0.148	0.167	0.200	0.207	0.213	0.209	0.203	*L	0.99
91)													
85) T	Pentachloronitrobenzene	0.153	0.143	0.147	0.151	0.158	0.179	0.183	0.183	0.175	0.169	0.164	9.41
86) I	IS3_Acenaphthene-d10	-----ISTD-----											
87) T	Atrazine	0.526	0.395	0.355	0.401	0.396	0.465	0.431	0.420	0.427	0.412	0.423	10.94
88) I	IS1_Phenanthrene-d10	-----ISTD-----											
89) T	Phenanthrene	1.456	1.296	1.201	1.228	1.197	1.216	1.104	0.991	0.891	0.874	1.145	15.96
90) T	Anthracene	1.408	1.245	1.190	1.199	1.205	1.254	1.126	1.000	0.899	0.876	1.140	14.71
91) T	Carbazole	1.279	1.148	1.124	1.147	1.129	1.167	1.058	0.947	0.878	0.856	1.073	12.78
92) T	Di-n-butylphthalate	1.257	1.212	1.206	1.262	1.317	1.385	1.259	1.110	1.001	0.973	1.198	11.05
93) T	Fluoranthene	1.520	1.365	1.327	1.380	1.371	1.422	1.278	1.145	1.048	1.017	1.287	12.85
94) T	Benzidine	0.773	0.723	0.705	0.811	0.828	0.935	0.870	0.831	0.798	0.776	0.805	8.42
95) T	Pyrene	1.652	1.495	1.424	1.481	1.447	1.473	1.319	1.182	1.077	1.045	1.360	14.62
96) S	4-Terphenyl-d14	1.198	1.071	1.022	1.066	1.052	1.090	0.973	0.899	0.824	0.810	1.000	12.38
97) T	Butyl benzyl phthalate	0.477	0.452	0.455	0.508	0.557	0.625	0.591	0.575	0.567	0.556	0.536	11.13
98) I	IS2_Phenanthrene-d10	-----ISTD-----											
99) T	Diphenamid	0.549	0.502	0.498	0.522	0.547	0.587	0.568	0.538	0.495	0.470	0.528	6.93
100) I	IS3_Phenanthrene-d10	-----ISTD-----											
101) T	n-Octadecane	0.568	0.437	0.389	0.446	0.463	0.522	0.472	0.452	0.447	0.405	0.460	11.39
102) T	Parathion				0.081	0.088	0.124	0.124	0.130	0.135	0.132	*L	0.99
97)													
103) T	3,3'-Dimethylbenzidine		0.520	0.512	0.659	0.721	0.925	0.823	0.811	0.839	0.767	*L	0.99
67)													
104) I	IS1_Chrysene-d12	-----ISTD-----											



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies **Lab Number** : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA **Project Number** : 086328
Instrument ID : SV134 **Ical Ref** : ICAL22191
Calibration dates : 04/08/25 14:30 04/09/25 02:00

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	
105)	T Benzo(a)anthracene	1.655	1.422	1.373	1.391	1.404	1.461	1.349	1.254	1.184	1.160	1.365	10.53
106)	T 3,3'-Dichlorobenzidine	0.473	0.444	0.445	0.476	0.505	0.551	0.519	0.501	0.479	0.461	0.485	6.95
107)	T Chrysene	1.625	1.432	1.333	1.355	1.339	1.350	1.238	1.167	1.111	1.076	1.303	12.49
108)	T Bis(2-ethylhexyl)phtha...	0.692	0.699	0.722	0.780	0.871	0.950	0.888	0.865	0.860	0.847	0.817	10.84
109)	T Di-n-octylphthalate	0.964	0.992	1.040	1.156	1.393	1.574	1.509	1.482	1.447	1.427	1.298	18.05
110)	T Benzo(b)fluoranthene	1.397	1.288	1.230	1.282	1.328	1.397	1.342	1.344	1.414	1.372	1.339	4.41
111)	T Benzo(k)fluoranthene	1.481	1.356	1.290	1.367	1.396	1.448	1.307	1.227	1.155	1.123	1.315	9.05
112)	T Benzo(a)pyrene	1.267	1.189	1.110	1.192	1.255	1.336	1.258	1.233	1.243	1.209	1.229	4.85
113)	I IS1_Perylene-d12	-----ISTD-----											
114)	T Indeno(1,2,3-cd)pyrene	1.038	1.008	0.975	1.034	1.103	1.230	1.172	1.168	1.220	1.190	1.114	8.43
115)	T Dibenzo(a,h)anthracene	1.119	1.039	1.044	1.067	1.146	1.224	1.161	1.148	1.109	1.090	1.115	5.18
116)	T Benzo(ghi)perylene	1.263	1.111	1.090	1.147	1.188	1.266	1.182	1.161	1.132	1.105	1.164	5.29



Calibration Verification Summary

Form 7

Semivolatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: SV134	Calibration Date	: 04/28/25 10:25
Lab File ID	: ABN0428	Init. Calib. Date(s)	: 04/08/25 04/09/25
Sample No	: WG2059590-3	Init. Calib. Times	: 14:30 02:00
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	179	0
n-Nitrosodimethylamine	0.725	0.716	-	1.2	20	179	0
Pyridine	0.985	1.044	-	-6	20	178	0
2-Fluorophenol	1.08	1.097	-	-1.6	20	180	0
Aniline	1.954	1.895	-	3	20	173	0
2-Chlorophenol	1.358	1.258	-	7.4	20	165	0
Phenol-d6	1.435	1.387	-	3.3	20	169	0
Phenol	1.682	1.608	-	4.4	20	169	0
Bis(2-chloroethyl)ether	1.196	1.114	-	6.9	20	169	0
1,3-Dichlorobenzene	1.539	1.411	-	8.3	20	167	0
1,4-Dichlorobenzene	1.578	1.452	-	8	20	166	0
1,2-Dichlorobenzene	1.538	1.37	-	10.9	20	162	0
Benzyl alcohol	1.052	1.066	-	-1.3	20	176	0
Bis(2-chloroisopropyl)ethe	2.232	2.166	-	3	20	175	0
2-Methylphenol	1.179	1.109	-	5.9	20	164	0
Hexachloroethane	0.55	0.533	-	3.1	20	174	0
n-Nitrosodi-n-propylamine	0.915	0.898	-	1.9	20	173	0
3-Methylphenol/4-Methylphe	1.263	1.214	-	3.9	20	169	0
Nitrobenzene-d5	1.302	1.31	-	-0.6	20	175	0
Nitrobenzene	1.331	1.32	-	0.8	20	172	0
Isophorone	2.519	2.428	-	3.6	20	171	0
2-Nitrophenol	0.674	0.725	-	-7.6	20	176	0
2,4-Dimethylphenol	1.33	1.314	-	1.2	20	167	0
Bis(2-chloroethoxy)methane	1.584	1.466	-	7.4	20	166	0
2,4-Dichlorophenol	1.294	1.225	-	5.3	20	163	0
1,2,4-Trichlorobenzene	1.454	1.33	-	8.5	20	165	0
IS1_Naphthalene-d8	1	1	-	0	20	172	0
Naphthalene	1.053	0.968	-	8.1	20	161	0
Benzoic Acid	0.242	0.212	-	12.4	20	138	0
4-Chloroaniline	0.133	0.135	-	-1.5	20	176	0
Hexachlorobutadiene	0.215	0.213	-	0.9	20	175	0
p-Chloro-m-cresol	0.308	0.302	-	1.9	20	164	0
2-Methylnaphthalene	0.691	0.639	-	7.5	20	161	0
1-Methylnaphthalene	0.243	0.232	-	4.5	20	165	0
Hexachlorocyclopentadiene	0.242	0.259	-	-7	20	174	0
2,4,6-Trichlorophenol	0.261	0.26	-	0.4	20	166	0
2,4,5-Trichlorophenol	0.295	0.279	-	5.4	20	159	0
2-Fluorobiphenyl	0.903	0.828	-	8.3	20	162	0
2-Chloronaphthalene	0.77	0.714	-	7.3	20	162	0
2-Nitroaniline	0.233	0.243	-	-4.3	20	166	0
1,4-Dinitrobenzene	0.114	0.124	-	-8.8	20	165	0
1,3-Dinitrobenzene	0.128	0.139	-	-8.6	20	166	0
Dimethyl phthalate	0.936	0.867	-	7.4	20	162	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV134	Calibration Date : 04/28/25 10:25
Lab File ID : ABN0428	Init. Calib. Date(s) : 04/08/25 04/09/25
Sample No : WG2059590-3	Init. Calib. Times : 14:30 02:00
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.229	1.132	-	7.9	20	159	0
2,6-Dinitrotoluene	0.195	0.195	-	0	20	163	0
1,2-Dinitrobenzene	0.087	0.089	-	-2.3	20	165	0
IS1_Acenaphthene-d10	1	1	-	0	20	175	0
3-Nitroaniline	0.345	0.336	-	2.6	20	164	0
Acenaphthene	1.132	0.947	-	16.3	20	150	0
2,4-Dinitrophenol	50	49.827	-	0.3	20	175	0
Dibenzofuran	1.76	1.489	-	15.4	20	153	0
2,4-Dinitrotoluene	0.418	0.414	-	1	20	162	0
4-Nitrophenol	0.252	0.226	-	10.3	20	148	0
2,3,5,6-Tetrachlorophenol	0.371	0.348	-	6.2	20	158	0
2,3,4,6-Tetrachlorophenol	0.378	0.336	-	11.1	20	153	0
Diethyl phthalate	1.463	1.283	-	12.3	20	154	0
Fluorene	1.425	1.237	-	13.2	20	154	0
4-Chlorophenyl phenyl ethe	0.702	0.619	-	11.8	20	159	0
4-Nitroaniline	0.361	0.328	-	9.1	20	154	0
4,6-Dinitro-o-cresol	0.213	0.241	-	-13.1	20	178	0
NDPA/DPA	1.244	1.07	-	14	20	154	0
Azobenzene	1.259	1.046	-	16.9	20	149	0
2,4,6-Tribromophenol	0.235	0.228	-	3	20	164	0
4-Bromophenyl phenyl ether	0.443	0.4	-	9.7	20	160	0
Hexachlorobenzene	0.531	0.47	-	11.5	20	163	0
Pentachlorophenol	0.316	0.264	-	16.5	20	137	0
IS1_Phenanthrene-d10	1	1	-	0	20	167	0
Phenanthrene	1.145	1.011	-	11.7	20	153	0
Anthracene	1.14	1.028	-	9.8	20	153	0
Carbazole	1.073	0.956	-	10.9	20	151	0
Di-n-butylphthalate	1.198	1.152	-	3.8	20	153	0
Fluoranthene	1.287	1.181	-	8.2	20	155	0
Benzidine	0.805	0.861	-	-7	20	165	0
Pyrene	1.36	1.214	-	10.7	20	154	0
4-Terphenyl-d14	1	0.921	-	7.9	20	158	0
Butyl benzyl phthalate	0.536	0.572	-	-6.7	20	162	0
IS1_Chrysene-d12	1	1	-	0	20	169	0
Benzo(a)anthracene	1.365	1.268	-	7.1	20	159	0
3,3'-Dichlorobenzidine	0.485	0.506	-	-4.3	20	165	0
Chrysene	1.303	1.143	-	12.3	20	156	0
Bis(2-ethylhexyl)phthalate	0.817	0.837	-	-2.4	20	159	0
Di-n-octylphthalate	1.298	1.459	-	-12.4	20	164	0
Benzo(b)fluoranthene	1.339	1.324	-	1.1	20	167	0
Benzo(k)fluoranthene	1.315	1.301	-	1.1	20	168	0
Benzo(a)pyrene	1.229	1.233	-	-0.3	20	166	0
IS1_Perylene-d12	1	1	-	0	20	180	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: SV134	Calibration Date	: 04/28/25 10:25
Lab File ID	: ABN0428	Init. Calib. Date(s)	: 04/08/25 04/09/25
Sample No	: WG2059590-3	Init. Calib. Times	: 14:30 02:00
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.114	1.062	-	4.7	20	163	0
Dibenzo(a,h)anthracene	1.115	1.044	-	6.4	20	162	0
Benzo(ghi)perylene	1.164	1.029	-	11.6	20	157	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV124	Calibration Date : 04/28/25 23:57
Lab File ID : ABN0428N	Init. Calib. Date(s) : 09/26/24 09/27/24
Sample No : WG2059797-3	Init. Calib. Times : 23:14 16:14
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
n-Nitrosodimethylamine	0.715	0.722	-	-1	20	104	0
Pyridine	0.966	1.253	-	-29.7*	20	118	0
2-Fluorophenol	1.11	1.126	-	-1.4	20	103	0
Aniline	1.753	1.911	-	-9	20	111	0
2-Chlorophenol	1.285	1.304	-	-1.5	20	104	0
Phenol-d6	1.357	1.402	-	-3.3	20	104	0
Phenol	1.478	1.508	-	-2	20	104	0
Bis(2-chloroethyl)ether	1.184	1.16	-	2	20	101	0
1,3-Dichlorobenzene	1.509	1.38	-	8.5	20	94	0
1,4-Dichlorobenzene	1.551	1.438	-	7.3	20	97	0
1,2-Dichlorobenzene	1.496	1.366	-	8.7	20	95	0
Benzyl alcohol	0.982	1.059	-	-7.8	20	103	0
Bis(2-chloroisopropyl)ethe	2.461	2.235	-	9.2	20	95	0
2-Methylphenol	1.103	1.147	-	-4	20	106	0
Hexachloroethane	0.585	0.592	-	-1.2	20	106	0
n-Nitrosodi-n-propylamine	0.964	0.944	-	2.1	20	100	0
3-Methylphenol/4-Methylphe	1.171	1.192	-	-1.8	20	103	0
Nitrobenzene-d5	1.327	1.367	-	-3	20	105	0
Nitrobenzene	1.343	1.382	-	-2.9	20	104	0
Isophorone	2.469	2.622	-	-6.2	20	108	0
2-Nitrophenol	0.655	0.727	-	-11	20	109	0
2,4-Dimethylphenol	1.126	1.266	-	-12.4	20	116	0
Bis(2-chloroethoxy)methane	1.571	1.584	-	-0.8	20	103	0
2,4-Dichlorophenol	1.189	1.196	-	-0.6	20	100	0
1,2,4-Trichlorobenzene	1.428	1.432	-	-0.3	20	104	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.007	1.01	-	-0.3	20	99	0
Benzoic Acid	50	53.472	-	-6.9	20	114	0
4-Chloroaniline	0.128	0.148	-	-15.6	20	113	0
Hexachlorobutadiene	0.23	0.245	-	-6.5	20	104	0
p-Chloro-m-cresol	0.283	0.327	-	-15.5	20	108	0
2-Methylnaphthalene	0.705	0.628	-	10.9	20	88	0
1-Methylnaphthalene	0.231	0.24	-	-3.9	20	102	0
Hexachlorocyclopentadiene	0.233	0.315	-	-35.2*	20	128	0
2,4,6-Trichlorophenol	0.243	0.294	-	-21*	20	113	0
2,4,5-Trichlorophenol	0.273	0.315	-	-15.4	20	111	0
2-Fluorobiphenyl	0.854	0.909	-	-6.4	20	105	0
2-Chloronaphthalene	0.727	0.726	-	0.1	20	97	0
2-Nitroaniline	0.206	0.223	-	-8.3	20	98	0
1,4-Dinitrobenzene	0.1	0.125	-	-25*	20	110	0
1,3-Dinitrobenzene	0.114	0.136	-	-19.3	20	108	0
Dimethyl phthalate	0.855	0.949	-	-11	20	106	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV124	Calibration Date : 04/28/25 23:57
Lab File ID : ABN0428N	Init. Calib. Date(s) : 09/26/24 09/27/24
Sample No : WG2059797-3	Init. Calib. Times : 23:14 16:14
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.103	1.219	-	-10.5	20	107	0
2,6-Dinitrotoluene	0.176	0.206	-	-17	20	106	0
1,2-Dinitrobenzene	0.074	0.089	-	-20.3*	20	110	0
IS1_Acenaphthene-d10	1	1	-	0	20	108	0
3-Nitroaniline	0.287	0.286	-	0.3	20	97	0
Acenaphthene	1.054	0.938	-	11	20	94	0
2,4-Dinitrophenol	50	52.67	-	-5.3	20	116	0
Dibenzofuran	1.685	1.608	-	4.6	20	101	0
2,4-Dinitrotoluene	0.384	0.411	-	-7	20	104	0
4-Nitrophenol	0.23	0.259	-	-12.6	20	107	0
2,3,5,6-Tetrachlorophenol	0.371	0.388	-	-4.6	20	105	0
2,3,4,6-Tetrachlorophenol	0.371	0.384	-	-3.5	20	106	0
Diethyl phthalate	1.403	1.354	-	3.5	20	101	0
Fluorene	1.368	1.308	-	4.4	20	101	0
4-Chlorophenyl phenyl ethe	0.695	0.694	-	0.1	20	106	0
4-Nitroaniline	0.284	0.28	-	1.4	20	91	0
4,6-Dinitro-o-cresol	50	53.457	-	-6.9	20	117	0
NDPA/DPA	1.153	1.085	-	5.9	20	99	0
Azobenzene	1.241	1.232	-	0.7	20	103	0
2,4,6-Tribromophenol	0.214	0.194	-	9.3	20	91	0
4-Bromophenyl phenyl ether	0.43	0.398	-	7.4	20	98	0
Hexachlorobenzene	0.495	0.413	-	16.6	20	89	0
Pentachlorophenol	50	45.12	-	9.8	20	97	0
IS1_Phenanthrene-d10	1	1	-	0	20	108	0
Phenanthrene	1.074	0.967	-	10	20	97	0
Anthracene	1.078	1.001	-	7.1	20	97	0
Carbazole	0.966	0.919	-	4.9	20	98	0
Di-n-butylphthalate	1.2	1.152	-	4	20	98	0
Fluoranthene	1.29	1.21	-	6.2	20	98	0
Benzidine	0.71	0.744	-	-4.8	20	105	0
Pyrene	1.345	1.287	-	4.3	20	99	0
4-Terphenyl-d14	0.995	0.917	-	7.8	20	96	0
Butyl benzyl phthalate	0.535	0.548	-	-2.4	20	99	0
IS1_Chrysene-d12	1	1	-	0	20	101	0
Benzo(a)anthracene	1.34	1.31	-	2.2	20	98	0
3,3'-Dichlorobenzidine	0.462	0.491	-	-6.3	20	102	0
Chrysene	1.268	1.213	-	4.3	20	96	0
Bis(2-ethylhexyl)phthalate	0.8	0.804	-	-0.5	20	96	0
Di-n-octylphthalate	1.338	1.449	-	-8.3	20	100	0
Benzo(b)fluoranthene	1.331	1.246	-	6.4	20	90	0
Benzo(k)fluoranthene	1.243	1.297	-	-4.3	20	104	0
Benzo(a)pyrene	1.19	1.219	-	-2.4	20	100	0
IS1_Perylene-d12	1	1	-	0	20	98	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: SV124	Calibration Date	: 04/28/25 23:57
Lab File ID	: ABN0428N	Init. Calib. Date(s)	: 09/26/24 09/27/24
Sample No	: WG2059797-3	Init. Calib. Times	: 23:14 16:14
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.402	1.358	-	3.1	20	92	0
Dibenzo(a,h)anthracene	1.106	1.098	-	0.7	20	94	0
Benzo(ghi)perylene	1.07	1.085	-	-1.4	20	97	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV124	Calibration Date : 04/29/25 00:15
Lab File ID : AP90428N	Init. Calib. Date(s) : 09/26/24 09/27/24
Sample No : WG2059797-4	Init. Calib. Times : 23:14 16:14
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
Benzaldehyde	0.884	0.995	-	-12.6	20	116	0
Acetophenone	1.775	1.945	-	-9.6	20	111	0
m-Toluidine	1.542	1.833	-	-18.9	20	119	0
2-Chloroaniline	1.609	1.727	-	-7.3	20	108	0
IS2_Naphthalene-d8	1	1	-	0	20	102	0
a-Terpineol	0.307	0.415	-	-35.2*	20	131	0
3-Chloroaniline	0.142	0.174	-	-22.5*	20	120	0
2,6-Dichlorophenol	0.278	0.33	-	-18.7	20	114	0
1-chloro-2-nitrobenzene	0.13	0.162	-	-24.6*	20	122	0
Caprolactam	0.154	0.227	-	-47.4*	20	139	0
1,2,4,5-Tetrachlorobenzene	0.401	0.464	-	-15.7	20	116	0
Biphenyl	0.887	0.936	-	-5.5	20	105	0
IS2_Acenaphthene-d10	1	1	-	0	20	114	0
Dichloran	0.158	0.222	-	-40.5*	20	153	0
Pentachloronitrobenzene	0.176	0.225	-	-27.8*	20	138	0
IS2_Phenanthrene-d10	1	1	-	0	20	121	0
Diphenamid	0.487	0.538	-	-10.5	20	127	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV106	Calibration Date : 05/01/25 21:59
Lab File ID : ABN0501	Init. Calib. Date(s) : 03/11/25 03/12/25
Sample No : WG2060934-3	Init. Calib. Times : 16:50 06:06
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	0.718	0.706	-	1.7	20	87	0
Pyridine	1.251	0.861	-	31.2*	20	65	0
2-Fluorophenol	1.128	1.091	-	3.3	20	85	0
Aniline	1.738	1.713	-	1.4	20	82	0
2-Chlorophenol	1.218	1.236	-	-1.5	20	89	0
Phenol-d6	1.323	1.284	-	2.9	20	85	0
Phenol	1.459	1.42	-	2.7	20	86	0
Bis(2-chloroethyl)ether	1.159	1.122	-	3.2	20	85	0
1,3-Dichlorobenzene	1.54	1.485	-	3.6	20	87	0
1,4-Dichlorobenzene	1.574	1.547	-	1.7	20	87	0
1,2-Dichlorobenzene	1.49	1.461	-	1.9	20	89	0
Benzyl alcohol	0.91	0.88	-	3.3	20	84	0
Bis(2-chloroisopropyl)ethe	2.704	2.383	-	11.9	20	79	0
2-Methylphenol	1.283	1.05	-	18.2	20	74	0
Hexachloroethane	0.546	0.539	-	1.3	20	86	0
n-Nitrosodi-n-propylamine	0.855	0.797	-	6.8	20	81	0
3-Methylphenol/4-Methylphe	1.11	1.1	-	0.9	20	86	0
Nitrobenzene-d5	1.096	1.203	-	-9.8	20	94	0
Nitrobenzene	1.118	1.236	-	-10.6	20	94	0
Isophorone	2.296	2.109	-	8.1	20	80	0
2-Nitrophenol	0.509	0.625	-	-22.8*	20	105	0
2,4-Dimethylphenol	1.198	1.171	-	2.3	20	82	0
Bis(2-chloroethoxy)methane	1.639	1.435	-	12.4	20	84	0
2,4-Dichlorophenol	1.137	1.15	-	-1.1	20	86	0
1,2,4-Trichlorobenzene	1.457	1.318	-	9.5	20	82	0
IS1_Naphthalene-d8	1	1	-	0	20	83	0
Naphthalene	1.066	1.052	-	1.3	20	86	0
Benzoic Acid	5	6.019	-	-20.4*	20	142	0
4-Chloroaniline	0.132	0.132	-	0	20	83	0
Hexachlorobutadiene	0.244	0.239	-	2	20	83	0
p-Chloro-m-cresol	0.325	0.278	-	14.5	20	74	0
2-Methylnaphthalene	0.638	0.644	-	-0.9	20	85	0
1-Methylnaphthalene	0.245	0.24	-	2	20	86	0
Hexachlorocyclopentadiene	0.3	0.294	-	2	20	82	0
2,4,6-Trichlorophenol	0.251	0.259	-	-3.2	20	85	0
2,4,5-Trichlorophenol	0.255	0.281	-	-10.2	20	89	0
2-Fluorobiphenyl	0.923	0.888	-	3.8	20	83	0
2-Chloronaphthalene	0.756	0.742	-	1.9	20	84	0
2-Nitroaniline	0.166	0.206	-	-24.1*	20	99	0
1,4-Dinitrobenzene	5	15.621	-	-212.4*	20	606	0
1,3-Dinitrobenzene	0.104	0.123	-	-18.3	20	102	0
Dimethyl phthalate	0.908	0.888	-	2.2	20	82	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV106	Calibration Date : 05/01/25 21:59
Lab File ID : ABN0501	Init. Calib. Date(s) : 03/11/25 03/12/25
Sample No : WG2060934-3	Init. Calib. Times : 16:50 06:06
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.201	1.199	-	0.2	20	85	0
2,6-Dinitrotoluene	0.151	0.182	-	-20.5*	20	85	0
1,2-Dinitrobenzene	0.063	0.084	-	-33.3*	20	100	0
IS1_Acenaphthene-d10	1	1	-	0	20	80	0
3-Nitroaniline	0.252	0.316	-	-25.4*	20	95	0
Acenaphthene	1.101	1.083	-	1.6	20	84	0
2,4-Dinitrophenol	5	4.626	-	7.5	20	82	0
Dibenzofuran	1.914	1.809	-	5.5	20	85	0
2,4-Dinitrotoluene	5	5.829	-	-16.6	20	98	0
4-Nitrophenol	0.192	0.236	-	-22.9*	20	95	0
2,3,5,6-Tetrachlorophenol	0.365	0.392	-	-7.4	20	88	0
2,3,4,6-Tetrachlorophenol	0.344	0.389	-	-13.1	20	89	0
Diethyl phthalate	1.359	1.37	-	-0.8	20	81	0
Fluorene	1.41	1.421	-	-0.8	20	84	0
4-Chlorophenyl phenyl ethe	0.738	0.724	-	1.9	20	84	0
4-Nitroaniline	0.246	0.327	-	-32.9*	20	100	0
4,6-Dinitro-o-cresol	5	5.246	-	-4.9	20	100	0
NDPA/DPA	1.176	1.202	-	-2.2	20	85	0
Azobenzene	1.121	1.193	-	-6.4	20	86	0
2,4,6-Tribromophenol	0.206	0.217	-	-5.3	20	81	0
4-Bromophenyl phenyl ether	0.463	0.442	-	4.5	20	80	0
Hexachlorobenzene	0.543	0.502	-	7.6	20	80	0
Pentachlorophenol	0.282	0.3	-	-6.4	20	86	0
IS1_Phenanthrene-d10	1	1	-	0	20	79	0
Phenanthrene	1.135	1.157	-	-1.9	20	86	0
Anthracene	1.107	1.152	-	-4.1	20	84	0
Carbazole	0.989	1.052	-	-6.4	20	84	0
Di-n-butylphthalate	1.116	1.141	-	-2.2	20	81	0
Fluoranthene	1.298	1.349	-	-3.9	20	85	0
Benzidine	0.704	0.767	-	-8.9	20	82	0
Pyrene	1.359	1.444	-	-6.3	20	86	0
4-Terphenyl-d14	1.038	1.049	-	-1.1	20	83	0
Butyl benzyl phthalate	5	4.792	-	4.2	20	88	0
IS1_Chrysene-d12	1	1	-	0	20	79	0
Benzo(a)anthracene	1.278	1.298	-	-1.6	20	84	0
3,3'-Dichlorobenzidine	0.429	0.444	-	-3.5	20	77	0
Chrysene	1.267	1.258	-	0.7	20	84	0
Bis(2-ethylhexyl)phthalate	5	4.775	-	4.5	20	84	0
Di-n-octylphthalate	5	4.432	-	11.4	20	82	0
Benzo(b)fluoranthene	1.314	1.262	-	4	20	75	0
Benzo(k)fluoranthene	1.222	1.283	-	-5	20	86	0
Benzo(a)pyrene	1.157	1.164	-	-0.6	20	78	0
IS1_Perylene-d12	1	1	-	0	20	77	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: SV106	Calibration Date	: 05/01/25 21:59
Lab File ID	: ABN0501	Init. Calib. Date(s)	: 03/11/25 03/12/25
Sample No	: WG2060934-3	Init. Calib. Times	: 16:50 06:06
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.068	1.072	-	-0.4	20	73	0
Dibenzo(a,h)anthracene	1.063	1.11	-	-4.4	20	78	0
Benzo(ghi)perylene	1.047	1.104	-	-5.4	20	80	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV134	Calibration Date : 05/04/25 18:06
Lab File ID : ABN0504	Init. Calib. Date(s) : 04/08/25 04/09/25
Sample No : WG2062239-3	Init. Calib. Times : 14:30 02:00
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	189	0
n-Nitrosodimethylamine	0.725	0.727	-	-0.3	20	192	0
Pyridine	0.985	1.061	-	-7.7	20	191	0
2-Fluorophenol	1.08	1.072	-	0.7	20	185	0
Aniline	1.954	1.948	-	0.3	20	187	0
2-Chlorophenol	1.358	1.278	-	5.9	20	176	0
Phenol-d6	1.435	1.442	-	-0.5	20	185	0
Phenol	1.682	1.655	-	1.6	20	183	0
Bis(2-chloroethyl)ether	1.196	1.15	-	3.8	20	183	0
1,3-Dichlorobenzene	1.539	1.396	-	9.3	20	175	0
1,4-Dichlorobenzene	1.578	1.425	-	9.7	20	171	0
1,2-Dichlorobenzene	1.538	1.375	-	10.6	20	171	0
Benzyl alcohol	1.052	1.125	-	-6.9	20	195	0
Bis(2-chloroisopropyl)ethe	2.232	2.387	-	-6.9	20	203	0
2-Methylphenol	1.179	1.159	-	1.7	20	181	0
Hexachloroethane	0.55	0.556	-	-1.1	20	191	0
n-Nitrosodi-n-propylamine	0.915	0.937	-	-2.4	20	190	0
3-Methylphenol/4-Methylphe	1.263	1.23	-	2.6	20	180	0
Nitrobenzene-d5	1.302	1.358	-	-4.3	20	191	0
Nitrobenzene	1.331	1.393	-	-4.7	20	191	0
Isophorone	2.519	2.549	-	-1.2	20	189	0
2-Nitrophenol	0.674	0.711	-	-5.5	20	182	0
2,4-Dimethylphenol	1.33	1.312	-	1.4	20	175	0
Bis(2-chloroethoxy)methane	1.584	1.575	-	0.6	20	188	0
2,4-Dichlorophenol	1.294	1.188	-	8.2	20	166	0
1,2,4-Trichlorobenzene	1.454	1.272	-	12.5	20	166	0
IS1_Naphthalene-d8	1	1	-	0	20	185	0
Naphthalene	1.053	0.96	-	8.8	20	172	0
Benzoic Acid	0.242	0.227	-	6.2	20	160	0
4-Chloroaniline	0.133	0.136	-	-2.3	20	191	0
Hexachlorobutadiene	0.215	0.201	-	6.5	20	178	0
p-Chloro-m-cresol	0.308	0.31	-	-0.6	20	182	0
2-Methylnaphthalene	0.691	0.625	-	9.6	20	170	0
1-Methylnaphthalene	0.243	0.242	-	0.4	20	185	0
Hexachlorocyclopentadiene	0.242	0.234	-	3.3	20	170	0
2,4,6-Trichlorophenol	0.261	0.255	-	2.3	20	175	0
2,4,5-Trichlorophenol	0.295	0.269	-	8.8	20	166	0
2-Fluorobiphenyl	0.903	0.781	-	13.5	20	165	0
2-Chloronaphthalene	0.77	0.679	-	11.8	20	166	0
2-Nitroaniline	0.233	0.241	-	-3.4	20	178	0
1,4-Dinitrobenzene	0.114	0.118	-	-3.5	20	170	0
1,3-Dinitrobenzene	0.128	0.13	-	-1.6	20	168	0
Dimethyl phthalate	0.936	0.84	-	10.3	20	170	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV134	Calibration Date : 05/04/25 18:06
Lab File ID : ABN0504	Init. Calib. Date(s) : 04/08/25 04/09/25
Sample No : WG2062239-3	Init. Calib. Times : 14:30 02:00
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.229	1.093	-	11.1	20	166	0
2,6-Dinitrotoluene	0.195	0.182	-	6.7	20	164	0
1,2-Dinitrobenzene	0.087	0.086	-	1.1	20	173	0
IS1_Acenaphthene-d10	1	1	-	0	20	183	0
3-Nitroaniline	0.345	0.328	-	4.9	20	168	0
Acenaphthene	1.132	0.994	-	12.2	20	166	0
2,4-Dinitrophenol	50	50.163	-	-0.3	20	185	0
Dibenzofuran	1.76	1.549	-	12	20	167	0
2,4-Dinitrotoluene	0.418	0.413	-	1.2	20	169	0
4-Nitrophenol	0.252	0.301	-	-19.4	20	206	0
2,3,5,6-Tetrachlorophenol	0.371	0.359	-	3.2	20	171	0
2,3,4,6-Tetrachlorophenol	0.378	0.342	-	9.5	20	163	0
Diethyl phthalate	1.463	1.349	-	7.8	20	170	0
Fluorene	1.425	1.273	-	10.7	20	166	0
4-Chlorophenyl phenyl ethe	0.702	0.635	-	9.5	20	172	0
4-Nitroaniline	0.361	0.32	-	11.4	20	158	0
4,6-Dinitro-o-cresol	0.213	0.245	-	-15	20	190	0
NDPA/DPA	1.244	1.1	-	11.6	20	166	0
Azobenzene	1.259	1.322	-	-5	20	198	0
2,4,6-Tribromophenol	0.235	0.196	-	16.6	20	148	0
4-Bromophenyl phenyl ether	0.443	0.39	-	12	20	164	0
Hexachlorobenzene	0.531	0.446	-	16	20	162	0
Pentachlorophenol	0.316	0.26	-	17.7	20	141	0
IS1_Phenanthrene-d10	1	1	-	0	20	183	0
Phenanthrene	1.145	0.976	-	14.8	20	161	0
Anthracene	1.14	1.005	-	11.8	20	163	0
Carbazole	1.073	0.937	-	12.7	20	162	0
Di-n-butylphthalate	1.198	1.154	-	3.7	20	168	0
Fluoranthene	1.287	1.146	-	11	20	164	0
Benzidine	0.805	0.78	-	3.1	20	164	0
Pyrene	1.36	1.17	-	14	20	162	0
4-Terphenyl-d14	1	0.862	-	13.8	20	162	0
Butyl benzyl phthalate	0.536	0.569	-	-6.2	20	176	0
IS1_Chrysene-d12	1	1	-	0	20	185	0
Benzo(a)anthracene	1.365	1.236	-	9.5	20	170	0
3,3'-Dichlorobenzidine	0.485	0.488	-	-0.6	20	174	0
Chrysene	1.303	1.087	-	16.6	20	163	0
Bis(2-ethylhexyl)phthalate	0.817	0.814	-	0.4	20	170	0
Di-n-octylphthalate	1.298	1.398	-	-7.7	20	172	0
Benzo(b)fluoranthene	1.339	1.15	-	14.1	20	159	0
Benzo(k)fluoranthene	1.315	1.072	-	18.5	20	152	0
Benzo(a)pyrene	1.229	1.057	-	14	20	156	0
IS1_Perylene-d12	1	1	-	0	20	169	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client	: CHA Companies	Lab Number	: L2524225
Project Name	: SYR GATEWAY APARTMENTS-REMEDIA	Project Number	: 086328
Instrument ID	: SV134	Calibration Date	: 05/04/25 18:06
Lab File ID	: ABN0504	Init. Calib. Date(s)	: 04/08/25 04/09/25
Sample No	: WG2062239-3	Init. Calib. Times	: 14:30 02:00
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.114	1.056	-	5.2	20	153	0
Dibenzo(a,h)anthracene	1.115	1.055	-	5.4	20	154	0
Benzo(ghi)perylene	1.164	1.04	-	10.7	20	149	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV112	Calibration Date : 05/05/25 08:26
Lab File ID : ABN0505	Init. Calib. Date(s) : 03/13/25 03/14/25
Sample No : WG2062447-3	Init. Calib. Times : 13:47 00:48
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	115	0
n-Nitrosodimethylamine	0.695	0.761	-	-9.5	20	123	0
Pyridine	1.215	0.996	-	18	20	95	0
2-Fluorophenol	1.083	1.129	-	-4.2	20	120	0
Aniline	1.77	1.813	-	-2.4	20	111	0
2-Chlorophenol	1.247	1.288	-	-3.3	20	122	0
Phenol-d6	1.35	1.371	-	-1.6	20	117	0
Phenol	1.592	1.556	-	2.3	20	113	0
Bis(2-chloroethyl)ether	1.152	1.241	-	-7.7	20	123	0
1,3-Dichlorobenzene	1.473	1.555	-	-5.6	20	127	0
1,4-Dichlorobenzene	1.525	1.541	-	-1	20	120	0
1,2-Dichlorobenzene	1.463	1.485	-	-1.5	20	123	0
Benzyl alcohol	0.972	1.021	-	-5	20	123	0
Bis(2-chloroisopropyl)ethe	1.674	1.889	-	-12.8	20	135	0
2-Methylphenol	1.055	1.07	-	-1.4	20	116	0
Hexachloroethane	0.561	0.582	-	-3.7	20	125	0
n-Nitrosodi-n-propylamine	0.904	0.873	-	3.4	20	112	0
3-Methylphenol/4-Methylphe	1.169	1.165	-	0.3	20	119	0
Nitrobenzene-d5	1.275	1.274	-	0.1	20	115	0
Nitrobenzene	1.302	1.34	-	-2.9	20	119	0
Isophorone	2.405	2.422	-	-0.7	20	116	0
2-Nitrophenol	0.593	0.678	-	-14.3	20	128	0
2,4-Dimethylphenol	1.237	1.304	-	-5.4	20	121	0
Bis(2-chloroethoxy)methane	1.616	1.617	-	-0.1	20	121	0
2,4-Dichlorophenol	1.135	1.246	-	-9.8	20	125	0
1,2,4-Trichlorobenzene	1.44	1.476	-	-2.5	20	125	0
IS1_Naphthalene-d8	1	1	-	0	20	112	0
Naphthalene	1.025	1.039	-	-1.4	20	118	0
Benzoic Acid	5	4.154	-	16.9	20	110	0
4-Chloroaniline	0.128	0.133	-	-3.9	20	115	0
Hexachlorobutadiene	0.261	0.274	-	-5	20	124	0
p-Chloro-m-cresol	0.287	0.325	-	-13.2	20	128	0
2-Methylnaphthalene	0.638	0.686	-	-7.5	20	125	0
1-Methylnaphthalene	0.244	0.25	-	-2.5	20	119	0
Hexachlorocyclopentadiene	0.315	0.348	-	-10.5	20	126	0
2,4,6-Trichlorophenol	0.27	0.305	-	-13	20	129	0
2,4,5-Trichlorophenol	0.273	0.326	-	-19.4	20	130	0
2-Fluorobiphenyl	0.916	0.952	-	-3.9	20	121	0
2-Chloronaphthalene	0.748	0.79	-	-5.6	20	122	0
2-Nitroaniline	0.202	0.235	-	-16.3	20	127	0
1,4-Dinitrobenzene	0.11	0.128	-	-16.4	20	131	0
1,3-Dinitrobenzene	0.123	0.145	-	-17.9	20	130	0
Dimethyl phthalate	0.959	1.031	-	-7.5	20	124	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIATION	Project Number : 086328
Instrument ID : SV112	Calibration Date : 05/05/25 08:26
Lab File ID : ABN0505	Init. Calib. Date(s) : 03/13/25 03/14/25
Sample No : WG2062447-3	Init. Calib. Times : 13:47 00:48
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.213	1.308	-	-7.8	20	121	0
2,6-Dinitrotoluene	0.176	0.216	-	-22.7*	20	127	0
1,2-Dinitrobenzene	0.081	0.097	-	-19.8	20	131	0
IS1_Acenaphthene-d10	1	1	-	0	20	117	0
3-Nitroaniline	0.309	0.343	-	-11	20	128	0
Acenaphthene	1.072	1.089	-	-1.6	20	126	0
2,4-Dinitrophenol	5	5.04	-	-0.8	20	137	0
Dibenzofuran	1.844	1.832	-	0.7	20	124	0
2,4-Dinitrotoluene	0.402	0.458	-	-13.9	20	130	0
4-Nitrophenol	0.229	0.293	-	-27.9*	20	139	0
2,3,5,6-Tetrachlorophenol	0.392	0.418	-	-6.6	20	119	0
2,3,4,6-Tetrachlorophenol	0.4	0.415	-	-3.7	20	120	0
Diethyl phthalate	1.497	1.57	-	-4.9	20	126	0
Fluorene	1.449	1.481	-	-2.2	20	125	0
4-Chlorophenyl phenyl ether	0.764	0.799	-	-4.6	20	131	0
4-Nitroaniline	0.322	0.329	-	-2.2	20	116	0
4,6-Dinitro-o-cresol	0.234	0.31	-	-32.5*	20	150	0
NDPA/DPA	1.191	1.268	-	-6.5	20	126	0
Azobenzene	1.339	1.332	-	0.5	20	116	0
2,4,6-Tribromophenol	0.241	0.259	-	-7.5	20	132	0
4-Bromophenyl phenyl ether	0.498	0.511	-	-2.6	20	130	0
Hexachlorobenzene	0.586	0.616	-	-5.1	20	135	0
Pentachlorophenol	0.315	0.279	-	11.4	20	98	0
IS1_Phenanthrene-d10	1	1	-	0	20	117	0
Phenanthrene	1.091	1.102	-	-1	20	128	0
Anthracene	1.047	1.124	-	-7.4	20	129	0
Carbazole	0.974	1.03	-	-5.7	20	126	0
Di-n-butylphthalate	1.09	1.224	-	-12.3	20	129	0
Fluoranthene	1.279	1.395	-	-9.1	20	130	0
Benzidine	0.692	0.868	-	-25.4*	20	139	0
Pyrene	1.335	1.477	-	-10.6	20	129	0
4-Terphenyl-d14	1.046	1.122	-	-7.3	20	128	0
Butyl benzyl phthalate	0.474	0.565	-	-19.2	20	143	0
IS1_Chrysene-d12	1	1	-	0	20	120	0
Benzo(a)anthracene	1.245	1.319	-	-5.9	20	130	0
3,3'-Dichlorobenzidine	0.447	0.497	-	-11.2	20	131	0
Chrysene	1.192	1.28	-	-7.4	20	134	0
Bis(2-ethylhexyl)phthalate	0.622	0.743	-	-19.5	20	135	0
Di-n-octylphthalate	0.994	1.247	-	-25.5*	20	141	0
Benzo(b)fluoranthene	1.202	1.433	-	-19.2	20	133	0
Benzo(k)fluoranthene	1.2	1.264	-	-5.3	20	132	0
Benzo(a)pyrene	1.127	1.268	-	-12.5	20	133	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 : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : SV112	Calibration Date : 05/05/25 08:26
Lab File ID : ABN0505	Init. Calib. Date(s) : 03/13/25 03/14/25
Sample No : WG2062447-3	Init. Calib. Times : 13:47 00:48
Channel :	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.096	1.192	-	-8.8	20	143	0
Dibenzo(a,h)anthracene	1.063	1.205	-	-13.4	20	141	0
Benzo(ghi)perylene	1.099	1.217	-	-10.7	20	142	0

* Value outside of QC limits.



1,4-Dioxane

Data Section



**QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Pace Analytical Services, SDG Number: L2524225**

**3 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected April 24, 2025**

Prepared by: Donald Anné
June 20, 2025

Geology

Hydrology

Remediation

Water Supply

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 RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %D was below the allowable maximum (20%), as required.

Blanks: The analysis of the method blank 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-102-20250424.

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 WG2061305-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-101-20250424/CHA-1-20250424 reported 1,4-dioxane as below the lowest standard; therefore, a valid relative percent difference could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within quantitation limits. The analyses of the ground water samples reported target compounds as “not detected”.

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Pesticide Data Section



**QA/QC Review of 8081B TCLP Pesticide
Data for Pace Analytical Services
SDG Number: L2456673**

Geology

Hydrology

Remediation

Water Supply

**1 Soil Sample
Collected April 24, 2025**

Prepared by: Donald Anné
June 20, 2025

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 WG2062067-2/3.

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 methoxychlor was above the allowable maximum (20%) for channel B on 05-04-25 (18250504a-03). Positive results for methoxychlor 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 : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : PEST18	Calibration Date : 05/04/25 10:16
Lab File ID : 18250504a-03	Init. Calib. Date(s) : 03/31/25 03/31/25
Sample No : WG2062146-1	Init. Calib. Times : 16:07 20:54
Channel : B	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	133	0
2,4,5,6-Tetrachloro-m-xyl	1.056	1.003	-	5	20	132	0
Hexachlorobenzene	1.139	1.171	-	-2.8	20	150	0
alpha-BHC	1.441	1.489	-	-3.3	20	131	0
gamma-BHC (lindane)	1.41	1.368	-	3	20	133	0
beta-BHC	0.629	0.526	-	16.4	20	125	0
delta-BHC	1.367	1.312	-	4	20	125	0
Heptachlor	1.401	1.337	-	4.6	20	133	0
Aldrin	1.258	1.258	-	0	20	135	0
Alachlor	0.18	0.15	-	16.7	20	120	0
Chlorpyrifos	0.743	0.64	-	13.9	20	127	0
Heptachlor Epoxide	1.213	1.106	-	8.8	20	128	0
gamma-Chlordane (trans)	1.132	1.178	-	-4.1	20	148	0
alpha-Chlordane (cis)	1.256	1.136	-	9.6	20	129	0
4,4'-DDE	1.234	1.153	-	6.6	20	127	0
Endosulfan I	1.18	1.092	-	7.5	20	129	0
Dieldrin	1.213	1.209	-	0.3	20	140	0
Endrin	1.231	1.129	-	8.3	20	129	0
4,4'-DDD	1.002	0.954	-	4.8	20	133	0
Endosulfan II	1.094	0.992	-	9.3	20	128	0
4,4'-DDT	1.128	1.057	-	6.3	20	128	0
Endrin Aldehyde	0.969	0.682	-	29.6*	20	102	0
Methoxychlor	0.619	0.485	-	21.6*	20	118	0
Mirex	0.891	0.74	-	16.9	20	124	0
Endosulfan Sulfate	1.166	1.08	-	7.4	20	128	0
Endrin Ketone	1.104	1.049	-	5	20	132	0
Decachlorobiphenyl	0.85	0.613	-	27.9*	20	104	0

* Value outside of QC limits.



PCB Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2524225**

**4 Aqueous Samples, 1 Field Duplicate, 1 Soil Sample,
1 Field Blank, and 1 Equipment Blank
Collected April 24, 2025**

Prepared by: Donald Anné
June 20, 2025

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: The surrogate recoveries were within QC limits on both columns for the soil sample, aqueous samples, field blank, and equipment blank.

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-102-20250424.

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 WG2061865-2/3 and aqueous samples WG2061967-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-101-20250424/CHA-1-20250424 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 and detected aroclor results were within GC quantitation limits. The %RSD for dual column quantitation of aroclor 1242 in sample WATER-WC-1 was above the allowable maximum, but not above 70% and the higher result was reported. The positive result for aroclor 1242 should be considered estimated, biased high (J+) in sample WATER-WC-1.

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Identification Summary

Form 10

PCBs

Client : CHA Companies
 Project Name : SYR GATEWAY APARTMENTS-REMEDIA
 Lab Sample ID : L2524225-19
 Client ID : WATER-WC-1
 Date Analyzed (1) : 05/04/25 15:44
 Instrument ID (1) : PEST23
 GC Column (1) : CLP-Pesticide

Lab Number : L2524225
 Project Number : 086328
 Date Analyzed (2) : 05/04/25 15:44
 Instrument ID (2) : PEST23
 GC Column (2) : CLP-PesticideII

Analyte	Peak	RT	RT Window		Concentration	Mean		%RPD
			From	To		Concentration		
AROCOR 1242	1	0.00	2.64	2.74	0.			
	2	2.92	2.87	2.97	3.95			
	3	3.20	3.15	3.25	13.1			
	4	3.27	3.22	3.32	7.79			
	5	3.75	3.70	3.80	10.4	0.088		
COLUMN 1	1	0.00	3.00	3.10	0.			
	2	3.30	3.25	3.35	5.84			
	3	0.00	3.52	3.62	0.			
	4	3.65	3.60	3.70	15.8			
	5	4.13	4.08	4.18	14.4	0.12	31	
COLUMN 2	1	0.00	3.00	3.10	0.			
	2	3.30	3.25	3.35	5.84			
	3	0.00	3.52	3.62	0.			
	4	3.65	3.60	3.70	15.8			
	5	4.13	4.08	4.18	14.4	0.12	31	



PFAS

Data Section



**QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2524225**

**3 Ground Water Sample, 4 Soil Samples,
1 Equipment Blank, and 1 Field Blank
Collected April 18-24, 2025**

Prepared by: Donald Anné
June 20, 2025

Geology

Hydrology

Remediation

Water Supply

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: Method blank WG2065479-1BLANK contained a trace of PFOA (0.028 ng/kg). Equipment blank EQ-BLANK-20250424 contained a trace of PFOS (0.864 ng/L). Positive results for PFOA and PFOS that are below the reporting limit (RL) should be reported as not detected (U) at the reporting limit in associated samples. Positive results for these PFAS that are above the RL and less than ten times the highest blank level should be considered estimated, biased high (J+) in associated samples.

Blanks: The analyses of the method 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.

Three of twenty-four surrogate recoveries for sample SOIL-104_8-10 were above QC limits. Two of twenty-four surrogate recoveries for sample SOIL-101_1-2 were above QC limits. One of twenty-four surrogate recoveries for sample SOIL-102_1-2 was above QC limits. Positive results associated with these surrogates above QC limits should be considered estimated (J) in the 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 aqueous MS/MSD sample MW-102-20250424.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for aqueous samples WG2061447-2/3 and soil samples WG2065479-2/3.

Field Duplicates: The relative percent differences for applicable PFAS were below the allowable maximum (20%) for aqueous field duplicate pair MW-101-20250424/CHA-1-20250424 (attached table), as required.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

Surrogate Recovery Summary

Form 2

Semivolatiles

Client: CHA Companies
Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225
Project Number: 086328
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
SOIL-102_1-2 (L2524225-01)	112	115	105	97	116	114	99
SOIL-101_1-2 (L2524225-04)	110	107	102	105	102	105	106
SOIL-103_16-18 (L2524225-06)	108	110	92	91	109	105	88
SOIL-104_8-10 (L2524225-09)	124	126	118	109	121	124	113
WG2065479-1BLANK	102	106	92	91	106	103	93
WG2065479-2LCS	122	136*	113	109	126	126	112
WG2065479-3LCS	120	123	123	115	109	116	118

QC LIMITS

(8-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
 (35-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
 (40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
 (40-165) S4 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]HEXANESULFONIC ACID (M2-4:2FTS)
 (40-130) S5 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
 (40-130) S6 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
 (40-130) S7 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)

* Values outside of QC limits

FORM II A2-NY-1633



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: CHA Companies
Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225
Project Number: 086328
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
SOIL-102_1-2 (L2524225-01)	112	99	107	103	123	100	108
SOIL-101_1-2 (L2524225-04)	116	102	108	104	133*	93	88
SOIL-103_16-18 (L2524225-06)	107	94	108	94	112	91	89
SOIL-104_8-10 (L2524225-09)	118	112	127	119	134*	108	109
WG2065479-1BLANK	100	94	105	98	108	92	89
WG2065479-2LCS	119	110	126	109	136*	109	105
WG2065479-3LCS	122	112	126	121	134*	116	117

QC LIMITS

(40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
 (40-215) S9 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
 (40-130) S10 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
 (40-130) S11 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
 (40-130) S12 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
 (40-275) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
 (40-135) S14 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: CHA Companies
Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225
Project Number: 086328
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
SOIL-102_1-2 (L2524225-01)	132*	111	97	123	117	118	85
SOIL-101_1-2 (L2524225-04)	133*	106	87	127	126	109	97
SOIL-103_16-18 (L2524225-06)	111	107	90	112	100	113	84
SOIL-104_8-10 (L2524225-09)	137*	120	106	135*	124	126	111
WG2065479-1BLANK	117	108	91	114	112	111	95
WG2065479-2LCS	138*	120	107	139*	135*	136*	106
WG2065479-3LCS	137*	122	102	128	120	123	118

QC LIMITS

(40-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
 (40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
 (40-150) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
 (40-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
 (20-130) S19 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)
 (40-130) S20 = 2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3,3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID (M3HFPO-DA)
 (10-130) S21 = N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDE (D3-NMEFOSA)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: CHA Companies
Project Name: SYR GATEWAY APARTMENTS-REMEDIA

Lab Number: L2524225
Project Number: 086328
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S22 ()	S23 ()	S24 ()	S25 ()	S26 ()	S27 ()	S28 ()	TOT OUT
SOIL-102_1-2 (L2524225-01)	91	105	107	--	--	--	--	1
SOIL-101_1-2 (L2524225-04)	100	103	103	--	--	--	--	2
SOIL-103_16-18 (L2524225-06)	86	101	105	--	--	--	--	0
SOIL-104_8-10 (L2524225-09)	107	120	123	--	--	--	--	3
WG2065479-1BLANK	92	97	100	--	--	--	--	0
WG2065479-2LCS	111	116	117	--	--	--	--	6
WG2065479-3LCS	115	115	119	--	--	--	--	2

QC LIMITS

(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSE)
(20-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
(15-130) S24 = 2-(N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D9-NETFOSE)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : CHA Companies Project Name : SYR GATEWAY APARTMENTS-REMEDIA Lab ID : WG2065479-1 Client ID : WG2065479-1BLANK Sample Location : Sample Matrix : SOIL Analytical Method : 144,1633 Lab File ID : SCI08_250514_33 Sample Amount : 5 g Extraction Method : EPA 1633 Extract Volume : 4000 uL GPC Cleanup : N	Lab Number : L2524225 Project Number : 086328 Date Collected : NA Date Received : NA Date Analyzed : 05/14/25 12:02 Date Extracted : 05/12/25 Dilution Factor : 1 Analyst : CAP Instrument ID : LCMS08 GC Column : Acquity UPLC BEH C18 %Solids : NA Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.800	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.800	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.012	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.028	0.200	0.026	JF
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.800	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.013	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.031	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.800	0.259	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.086	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : CHA Companies Project Name : SYR GATEWAY APARTMENTS-REMEDIA Lab ID : WG2065479-1 Client ID : WG2065479-1BLANK Sample Location : Sample Matrix : SOIL Analytical Method : 144,1633 Lab File ID : SCI08_250514_33 Sample Amount : 5 g Extraction Method : EPA 1633 Extract Volume : 4000 uL GPC Cleanup : N	Lab Number : L2524225 Project Number : 086328 Date Collected : NA Date Received : NA Date Analyzed : 05/14/25 12:02 Date Extracted : 05/12/25 Dilution Factor : 1 Analyst : CAP Instrument ID : LCMS08 GC Column : Acquity UPLC BEH C18 %Solids : NA Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.800	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.800	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.800	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.800	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.122	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : CHA Companies Project Name : SYR GATEWAY APARTMENTS-REMEDIA Lab ID : WG2065479-1 Client ID : WG2065479-1BLANK Sample Location : Sample Matrix : SOIL Analytical Method : 144,1633 Lab File ID : SCI08_250514_33 Sample Amount : 5 g Extraction Method : EPA 1633 Extract Volume : 4000 uL GPC Cleanup : N	Lab Number : L2524225 Project Number : 086328 Date Collected : NA Date Received : NA Date Analyzed : 05/14/25 12:02 Date Extracted : 05/12/25 Dilution Factor : 1 Analyst : CAP Instrument ID : LCMS08 GC Column : Acquity UPLC BEH C18 %Solids : NA Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.082	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.400	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.00	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.00	0.366	U



Herbicide Data Section



**QA/QC Review of 8151 TCLP Herbicide
Data for Pace Analytical Services
SDG Number: L2524225**

Geology

Hydrology

Remediation

Water Supply

**1 Soil Sample
Collected April 24, 2025**

Prepared by: Donald Anné
June 20, 2025

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 WG2062023-2/3.

Initial Calibration: The %RSDs for TCLP herbicides were below the allowable maximum (20%) for both columns, as required.

Continuing Calibration: The %D for 2,4-D was above the allowable maximum (15%) for channel B on 05-04-25 (22250504a-19). Positive results for 2,4-D should be considered estimated (J) in associated samples.

Herbicide Identification Summary: Checked surrogates were within GC quantitation limits. The analysis of soil sample reported TCLP herbicides as not detected.

Calibration Verification Summary

Form 7

Pesticides

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIA	Project Number : 086328
Instrument ID : PEST22	Calibration Date : 05/04/25 13:30
Lab File ID : 22250504a-19	Init. Calib. Date(s) : 03/24/25 03/24/25
Sample No : WG2062106-2	Init. Calib. Times : 12:12 13:45
Channel : B	

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	116	0
Dalapon	0.239	0.215	-	10	15	104	0
DCAA (surrogate)	0.193	0.212	-	-9.8	15	121	0
Dicamba	0.595	0.626	-	-5.2	15	119	0
MCPD	0.00056	0.00053	-	5.4	15	109	0
MCPA	0.00101	0.00101	-	0	15	113	0
Dichloroprop	0.178	0.188	-	-5.6	15	118	0
2,4-D	0.188	0.22	-	-17*	15	126	0
2,4,5-TP (Silvex)	0.817	0.855	-	-4.7	15	118	0
2,4,5-T	0.689	0.69	-	-0.1	15	117	0
2,4-DB	0.108	0.12	-	-11.1	15	132	0
Dinoseb	0.552	0.558	-	-1.1	15	114	0

* Value outside of QC limits.



Metals Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Metals Data for
Pace Analytical Services
SDG Number: L2524225**

**5 Soil Samples, 4 Aqueous Samples,
1 Equipment Blank, and 1 Field Blank
Collected April 18-24, 2025**

Prepared by: Donald Anné
June 20, 2025

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.

Equipment blank EQ-BLANK-20250424 contained copper (0.00362 mg/L) above the RL. Field blank FB-20250424 contained copper (0.00356 mg/L), iron (0.517 mg/L), and manganese (0.00347 mg/L) above the RLs. Positive results for these metals that are less than 5 times the highest blank level should be considered not 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 applicable metals were within control limits (75-125%) for TCLP spike sample SOIL-WC-1 and aqueous MS/MSD sample MW-102-20250424.

Two of two %Rs for antimony and 1 of 2 %Rs for selenium were below control limits (75-125%), but not below 10% for soil MS/MSD sample SOIL-101_4-5. Positive results for antimony and selenium should be considered estimated, biased low (J-) and “not detected” results estimated (UJ) in associated soil samples.

Laboratory Duplicates: The relative percent differences (%RPDs) for applicable metals were below the allowable maximum (20%) for aqueous MS/MSD sample MW-102-20250424 and TCLP duplicate sample SOIL-WC-1, as required.

The %RPDs for applicable metals were below the allowable maximum (35%) for soil MS/MSD sample SOIL-101_4-5, as required.

Field Duplicates: The relative percent differences (RPDs) for applicable metals were below the allowable maximum (20%) for aqueous field duplicate pair MW-101-20250424/CHA-2-20250424 (attached table), as required.

The RPDs for cadmium, lead, manganese, mercury, and zinc were above the allowable maximum (35%) for soil field duplicate pair SOIL-102_4-5/CHA-1 (attached table). Positive results for these 5 metals should be considered estimated (J) for samples SOIL-102_4-5 and CHA-1.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for aqueous samples WG2062195-2 and WG2062197-2; soil samples WG2062441-2 and WG2062444-2; and TCLP samples WG2063116-2 and WG2063121-2.

Serial Dilution: The %Ds for applicable metals were below the allowable maximum (10%) for aqueous serial dilution sample MW-102-20250424, as required. The %Ds for applicable metals were below the allowable maximum (15%) for soil serial dilution sample SOIL-101_4-5, as required.

Percent Solids: The % solids for soil samples were above 50%.

Form 5a Matrix Spike

Client : CHA Companies	Lab Number : L2524225
Project Name : SYR GATEWAY APARTMENTS-REMEDIAL	Project Number : 086328
Client Sample ID : SOIL-101 4-5	Matrix : SOIL
Lab Sample ID : L2524225-05	
Matrix Spike : WG2062441-3	MS Analysis Date : 05/08/25 20:19
Matrix Spike Dup : WG2062441-4	MSD Analysis Date : 05/08/25 20:22

Parameter	Sample Conc. (mg/kg)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R			
Aluminum, Total	11800	182	11300	NA	187	11000	NA	3	75-125	20
Antimony, Total	ND	45.6	13.0	28 Q	46.7	11.4	24 Q	13	75-125	20
Arsenic, Total	5.57	11	14.8	84	11.2	15.8	91	7	75-125	20
Barium, Total	51.8	182	220	92	187	212	86	4	75-125	20
Beryllium, Total	0.593	4.56	4.94	95	4.67	4.76	89	4	75-125	20
Cadmium, Total	0.221J	4.84	4.65	96	4.95	4.48	90	4	75-125	20
Calcium, Total	3650	913	4750	120	934	4150	NA	13	75-125	20
Chromium, Total	16.2	18.2	32.6	90	18.7	31.2	80	4	75-125	20
Cobalt, Total	11.4	45.6	52.7	90	46.7	50.8	84	4	75-125	20
Copper, Total	21.6	22.8	45.8	106	23.4	45.1	100	2	75-125	20
Iron, Total	19900	91.3	20000	110	93.4	20000	107	0	75-125	20
Lead, Total	10.7	48.4	56.6	95	49.5	55.5	90	2	75-125	20
Magnesium, Total	4900	913	5790	97	934	5470	NA	6	75-125	20
Manganese, Total	210	45.6	247	81	46.7	258	103	4	75-125	20
Nickel, Total	26.4	45.6	68.2	92	46.7	64.2	81	6	75-125	20
Potassium, Total	609	913	1400	87	934	1400	85	0	75-125	20
Selenium, Total	ND	11	8.30	76	11.2	7.71	69 Q	7	75-125	20
Silver, Total	ND	4.56	4.18	92	4.67	4.02	86	4	75-125	20
Sodium, Total	334	913	1200	95	934	1170	89	3	75-125	20
Thallium, Total	ND	11	9.34	85	11.2	9.38	84	0	75-125	20
Vanadium, Total	18.0	45.6	61.5	95	46.7	59.0	88	4	75-125	20
Zinc, Total	49.2	45.6	90.9	91	46.7	86.9	81	4	75-125	20

NA - The concentration in the sample is greater than 4 times the spiking level; therefore, the %R is not applicable.



General Chemistry

Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Reactive Cyanide and Sulfide Data for
Pace Analytical Services, SDG Number: L2524225**

**1 Soil Sample
Collected April 24, 2025**

Prepared by: Donald Anné
June 20, 2025

Holding Times: The sample was analyzed within USEPA SW 846 holding times.

Blanks: The analyses of the method blanks reported reactive cyanide and sulfide as not detected.

Laboratory Duplicates: The analyses of soil batch duplicate samples WG2061813-3 and WG2061811-3 were acceptable.

Laboratory Control Sample: The percent recoveries for reactive sulfide and cyanide were within QC limits for soil samples WG2061813-2 and WG2061811-2.

Field Duplicate Calculation Section

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD) SDG No. L2524225

S1= SOIL-102_4-5

S2= CHA-1

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Acenaphthene	130	ND	NC	
Fluoranthene	2000	510	119%	*
Naphthalene	62	ND	NC	
Benzo(a)anthracene	960	250	117%	*
Benzo(a)pyrene	1000	270	115%	*
Benzo(b)fluoranthene	1300	350	115%	*
Benzo(k)fluoranthene	440	120	114%	*
Chrysene	940	240	119%	*
Acenaphthylene	76	ND	NC	
Anthracene	330	65	NC	
Benzo(ghi)perylene	680	160	124%	*
Fluorene	110	ND	NC	
Phenanthrene	1400	220	146%	*
Dibenzo(a,h)anthracene	160	40	NC	
Indeno(1,2,3-cd)pyrene	690	180	117%	*
Pyrene	1700	450	116%	*
Dibenzofuran	75	ND	NC	
2-Methylnaphthalene	34	ND	NC	
Carbazole	170	25	NC	

* RPD is above the allowable maximum 35%.

Results are in units of ug/kg.

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. L2524225

S1= SOIL-102_4-5

S2= CHA-1

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
aluminum	7150	7300	2%	
antimony	ND	ND	NC	
arsenic	11	9.2	18%	
barium	207	208	0%	
beryllium	0.443	0.411	NC	
cadmium	0.31	1.34	125%	*
calcium	73200	68000	7%	
chromium	11.1	13	16%	
cobalt	5.54	6.06	9%	
copper	49.5	47.9	3%	
iron	12800	12900	1%	
lead	37.2	190	135%	*
magnesium	11600	14200	20%	
manganese	249	411	49%	*
mercury	0.802	0.312	88%	*
nickel	22.9	19.7	15%	
potassium	740	768	4%	
selenium	ND	ND	NC	
silver	ND	ND	NC	
sodium	760	930	20%	
thallium	ND	ND	NC	
vanadium	15.6	14.6	7%	
zinc	390	845	74%	*

* 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.

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD) SDG No. L2524225

S1= SOIL-103_16-18

S2= CHA-2

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Benzene	170000	76000	76%	*
Toluene	1300000	730000	56%	*
Ethylbenzene	480000	230000	70%	*
p/m-Xylene	2000000	1100000	58%	*
o-Xylene	790000	370000	72%	*
Styrene	1500	790	NC	
Isopropylbenzene	83000	49000	52%	*
Cyclohexane	200000	40000	133%	*
Methyl cyclohexane	240000	140000	53%	*

* RPD is above the allowable maximum 35%.

Results are in units of ug/kg.

Bold numbers were values that are below the CRQL or above the high standard.

ND - Not detected.

NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2524225

S1= MW-101-20250424

S2= CHA-1-20250424

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
Perfluorobutanoic Acid (PFBA)	24.4	22.5	8%
Perfluoropentanoic Acid (PFPeA)	82.5	78.9	4%
Perfluorobutanesulfonic Acid (PFBS)	6.05	5.77	5%
Perfluorohexanoic Acid (PFHxA)	44.6	39	13%
Perfluoropentanesulfonic Acid (PFPeS)	3.52	3.85	9%
Perfluoroheptanoic Acid (PFHpA)	22.8	22.1	3%
Perfluorohexanesulfonic Acid (PFHxS)	18.3	18.1	1%
Perfluorooctanoic Acid (PFOA)	60.2	59.1	2%
Perfluorononanoic Acid (PFNA)	1.17	0.8	NC
Perfluorooctanesulfonic Acid (PFOS)	2.8	2.36	17%

* 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. L2524225

S1= MW-101-20250424

S2= CHA-1-20250424

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
Trichloroethene	4	4.1	2%
Acetone	1.8	2.3	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.

SIM Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2524225

S1= MW-101-20250424

S2= CHA-1-20250424

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>	
Pentachlorophenol	0.12	ND	NC	
Acenaphthene-RE	0.12	0.04	NC	
2-Chloronaphthalene-RE	0.1	ND	NC	
Fluoranthene-RE	0.24	0.1	NC	
Hexachlorobutadiene-RE	0.05	ND	NC	
Naphthalene-RE	0.1	0.04	NC	
Benzo(a)anthracene-RE	0.16	0.07	NC	
Benzo(a)pyrene-RE	0.16	0.06	NC	
Benzo(b)fluoranthene-RE	0.16	0.06	NC	
Benzo(k)fluoranthene-RE	0.14	0.05	NC	
Chrysene-RE	0.15	0.05	NC	
Acenaphthylene-RE	0.1	0.03	NC	
Anthracene-RE	0.14	0.05	NC	
Benzo(ghi)perylene-RE	0.13	0.05	NC	
Fluorene-RE	0.13	0.05	NC	
Phenanthrene-RE	0.3	0.12	86%	*
Dibenzo(a,h)anthracene-RE	0.12	0.04	NC	
Indeno(1,2,3-cd)pyrene-RE	0.13	0.05	NC	
Pyrene-RE	0.22	0.09	NC	
2-Methylnaphthalene-RE	0.1	0.03	NC	
Hexachlorobenzene-RE	0.09	0.03	NC	
Hexachloroethane-RE	0.05	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.

PCBs

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2524225

S1= MW-101-20250424

S2= CHA-1-20250424

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
PCB-1016	ND	ND	NC
PCB-1221	ND	ND	NC
PCB-1232	ND	ND	NC
PCB-1242	ND	ND	NC
PCB-1248	ND	ND	NC
PCB-1254	ND	ND	NC
PCB-1260	ND	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 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. L2524225

S1= MW-101-20250424

S2= CHA-1-20250424

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
aluminum	0.164	0.174	6%
antimony	ND	ND	NC
arsenic	0.0008	0.00084	5%
barium	0.1208	0.1197	1%
beryllium	ND	ND	NC
cadmium	ND	ND	NC
calcium	140	140	0%
chromium	0.00039	0.00038	NC
cobalt	0.00094	0.00095	1%
copper	0.00189	0.00197	4%
iron	0.377	0.386	2%
lead	ND	ND	NC
magnesium	35.7	36.2	1%
manganese	0.1285	0.1289	0%
mercury	ND	ND	NC
nickel	0.00274	0.00281	3%
potassium	18.9	19	1%
selenium	0.00775	0.00746	4%
silver	ND	ND	NC
sodium	404	399	1%
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.

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

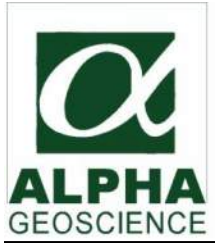
Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Polyfluorinated Alkyl Substances (PFAS) Acronyms

PFBA	Perfluorobutanoic acid
PFPeA	Perfluoropentanoic acid
PFHxA	Perfluorohexanoic acid
PFHpA	Perfluoroheptanoic acid
PFOA	Perfluorooctanoic acid
PFNA	Perfluorononanoic acid
PFDA	Perfluorodecanoic acid
PFUnA	Perfluoroundecanoic acid
PFDoA	Perfluorododecanoic acid
PFTriA or PFTrDA	Perfluorotridecanoic acid
PFTeA or PFTA	Perfluorotetradecanoic acid
PFBS	Perfluorobutanesulfonic acid
PFPeS	Perfluoropentanesulfonic acid
PFHxS	Perfluorohexanesulfonic acid
PFHpS	Perfluoroheptanesulfonic acid
PFOS	Perfluorooctanesulfonic acid
PFNS	Perfluorononanesulfonic acid
PFDS	Perfluorodecanesulfonic acid
FOSA	Perfluorooctane Sulfonamide
NMeFOSAA	N-methyl perfluorooctane sulfonamidoacetic acid
NEtFOSAA	N-ethyl perfluorooctane sulfonamidoacetic acid
4:2 FTS or 4:2	1H, 1H, 2H, 2H-perfluorohexanesulfonic acid
6:2 FTS or 6:2	1H, 1H, 2H, 2H-perfluorooctanesulfonic acid or 6:2 Fluorotelomersulfonate
8:2 FTS or 8:2	1H, 1H, 2H, 2H-perfluorodecanesulfonic acid or 8:2 Fluorotelomersulfonate



Geology

Hydrology

Remediation

Water Supply

July 14, 2025

Ms. Samantha Miller, PE
Section Manager I
CHA
III Winners Circle
P.O. Box 5269
Albany, New York 12205

Re: Data Validation Report
GW Syracuse Project
June 2025 Ground Water Sampling Event

Dear Ms. Miller:

The data usability summary report (DUSR) and validation summary are attached to this letter for the GW Syracuse, June 2025 ground water sampling event. The data for Pace Analytical Services SDG No: L2540261 were acceptable, with minor issues that are identified in the DUSR and QA/QC review. There are data that are no qualified as rejected (R) in the data pack.

A list of data validation acronyms and qualifiers is attached to assist you in interpreting the data validation reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist CHA.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

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Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.



Geology

Hydrology

Remediation

Water Supply

**Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2540261**

**4 Ground Water Samples and 1 Field Duplicate
Collected June 26, 2025**

Prepared by: Donald Anné
July 14, 2025

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 semi-volatiles for 4 ground water samples and 1 field duplicate.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical method.

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” semi-volatile results for hexachlorobutadiene were qualified as “estimated” (UJ) for all 4 ground water samples and field duplicate because the 1 of 2 percent recoveries for hexachlorobutadiene was below QC limits, but not below 30% in the associated aqueous LCS/LCSD.

All data are considered usable with estimated (UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

Qualified Data Section

Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-01
 Client ID : MW-101
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:05
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 22:20
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	2.0	0.40	U
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.35	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
206-44-0	Fluoranthene	ND	2.0	0.41	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
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
67-72-1	Hexachloroethane	ND	2.0	0.20	U
78-59-1	Isophorone	ND	5.0	0.86	U
91-20-3	Naphthalene	ND	2.0	0.54	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



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-01
 Client ID : MW-101
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:05
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 22:20
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	3.7	5.0	0.96	J
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
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.37	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.53	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.62	U
218-01-9	Chrysene	ND	2.0	0.22	U
208-96-8	Acenaphthylene	ND	2.0	0.32	U
120-12-7	Anthracene	ND	2.0	0.47	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.37	U
86-73-7	Fluorene	ND	2.0	0.44	U
85-01-8	Phenanthrene	ND	2.0	0.42	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.29	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.48	U
129-00-0	Pyrene	ND	2.0	0.41	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
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-01
 Client ID : MW-101
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:05
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 22:20
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	2.0	0.40	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.37	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
87-86-5	Pentachlorophenol	ND	10	2.5	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
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-01
 Client ID : MW-101
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:05
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 22:20
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-02
 Client ID : MW-102
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 11:50
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 22:45
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	2.0	0.40	U
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.35	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
206-44-0	Fluoranthene	ND	2.0	0.41	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
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
67-72-1	Hexachloroethane	ND	2.0	0.20	U
78-59-1	Isophorone	ND	5.0	0.86	U
91-20-3	Naphthalene	ND	2.0	0.54	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



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-02
 Client ID : MW-102
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 11:50
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 22:45
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
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
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.37	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.53	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.62	U
218-01-9	Chrysene	ND	2.0	0.22	U
208-96-8	Acenaphthylene	ND	2.0	0.32	U
120-12-7	Anthracene	ND	2.0	0.47	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.37	U
86-73-7	Fluorene	ND	2.0	0.44	U
85-01-8	Phenanthrene	ND	2.0	0.42	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.29	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.48	U
129-00-0	Pyrene	ND	2.0	0.41	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
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-02
 Client ID : MW-102
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 11:50
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 22:45
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	2.0	0.40	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.37	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
87-86-5	Pentachlorophenol	ND	10	2.5	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
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-02
 Client ID : MW-102
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 11:50
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 22:45
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-03
 Client ID : MW-103
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 12:40
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 23:10
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	2.0	0.40	U
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.35	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
206-44-0	Fluoranthene	ND	2.0	0.41	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
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
67-72-1	Hexachloroethane	ND	2.0	0.20	U
78-59-1	Isophorone	ND	5.0	0.86	U
91-20-3	Naphthalene	ND	2.0	0.54	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	2.6	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-03
 Client ID : MW-103
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 12:40
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 23:10
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	3.6	5.0	0.96	J
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
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.37	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.53	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.62	U
218-01-9	Chrysene	ND	2.0	0.22	U
208-96-8	Acenaphthylene	ND	2.0	0.32	U
120-12-7	Anthracene	ND	2.0	0.47	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.37	U
86-73-7	Fluorene	ND	2.0	0.44	U
85-01-8	Phenanthrene	ND	2.0	0.42	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.29	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.48	U
129-00-0	Pyrene	ND	2.0	0.41	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
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-03
 Client ID : MW-103
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 12:40
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 23:10
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	2.0	0.40	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.37	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
87-86-5	Pentachlorophenol	ND	10	2.5	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
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-03
 Client ID : MW-103
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 12:40
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 23:10
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-04
 Client ID : MW-104
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:55
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 23:36
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	2.0	0.40	U
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.35	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
206-44-0	Fluoranthene	ND	2.0	0.41	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
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
67-72-1	Hexachloroethane	ND	2.0	0.20	U
78-59-1	Isophorone	ND	5.0	0.86	U
91-20-3	Naphthalene	ND	2.0	0.54	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



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-04
 Client ID : MW-104
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:55
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 23:36
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
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
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.37	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.53	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.62	U
218-01-9	Chrysene	ND	2.0	0.22	U
208-96-8	Acenaphthylene	ND	2.0	0.32	U
120-12-7	Anthracene	ND	2.0	0.47	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.37	U
86-73-7	Fluorene	ND	2.0	0.44	U
85-01-8	Phenanthrene	ND	2.0	0.42	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.29	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.48	U
129-00-0	Pyrene	ND	2.0	0.41	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
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-04
 Client ID : MW-104
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:55
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 23:36
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	2.0	0.40	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.37	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
87-86-5	Pentachlorophenol	ND	10	2.5	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
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-04
 Client ID : MW-104
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:55
 Date Received : 06/26/25
 Date Analyzed : 07/01/25 23:36
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-05
 Client ID : DUP
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:55
 Date Received : 06/26/25
 Date Analyzed : 07/02/25 00:51
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	2.0	0.40	U
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.35	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
206-44-0	Fluoranthene	ND	2.0	0.41	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
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
67-72-1	Hexachloroethane	ND	2.0	0.20	U
78-59-1	Isophorone	ND	5.0	0.86	U
91-20-3	Naphthalene	ND	2.0	0.54	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	2.3	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-05
 Client ID : DUP
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:55
 Date Received : 06/26/25
 Date Analyzed : 07/02/25 00:51
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
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
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.37	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.53	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.62	U
218-01-9	Chrysene	ND	2.0	0.22	U
208-96-8	Acenaphthylene	ND	2.0	0.32	U
120-12-7	Anthracene	ND	2.0	0.47	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.37	U
86-73-7	Fluorene	ND	2.0	0.44	U
85-01-8	Phenanthrene	ND	2.0	0.42	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.29	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.48	U
129-00-0	Pyrene	ND	2.0	0.41	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
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-05
 Client ID : DUP
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:55
 Date Received : 06/26/25
 Date Analyzed : 07/02/25 00:51
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	2.0	0.40	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.37	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
87-86-5	Pentachlorophenol	ND	10	2.5	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
 Project Name : 701-705 EAST FAYETTE ST.
 Lab ID : L2540261-05
 Client ID : DUP
 Sample Location : SYRACUSE, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 40261-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2540261
 Project Number : 086328
 Date Collected : 06/26/25 10:55
 Date Received : 06/26/25
 Date Analyzed : 07/02/25 00:51
 Date Extracted : 07/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV107
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U



SVOC Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services, SDG Number: L2540261**

**4 Ground Samples and 1 Field Duplicate
Collected June 26, 2025**

Prepared by: Donald Anné
July 14, 2025

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 SV107 on 06-19-25. 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 07-01-25 (WG2085973-3). The %Ds for dibenzofuran, hexachlorobenzene, and indeno(1,2,3-cd)pyrene were above the method maximum on 07-01-25 (WG2085973-3). 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 dibenzofuran, hexachlorobenzene, and indeno(1,2,3-cd)pyrene hexachlorocyclopentadiene were above the allowable maximum (20%) on 07-01-25 (WG2085973-3). 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 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-104.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum, but 1 of 2 percent recoveries for hexachlorobutadiene was below QC limits, but not below 30% for aqueous samples WG2085489-2/3. Positive results for hexachlorobutadiene should be considered estimated, biased low (J-) and “not detected” estimated (R) in associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-101/DUP reported target compounds as either not detected or below the lowest standard; therefore, valid relative percent differences could not be calculated. The analyses for aqueous field duplicate pair were acceptable.

Compound ID: Checked 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
 Project Name : 701-705 EAST FAYETTE ST.
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG2085489-2** Analysis Date : 07/01/25 21:30 File ID : 085489-2
 LCSD Sample ID : **WG2085489-3** Analysis Date : 07/01/25 21:55 File ID : 085489-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Acenaphthene	20	13.	65	20	13.	63	3	37-111	30
Hexachlorobenzene	20	14.	69	20	14.	69	0	40-140	30
Bis(2-chloroethyl)ether	20	14.	72	20	12.	62	15	40-140	30
2-Chloronaphthalene	20	12.	61	20	12.	59	3	40-140	30
3,3'-Dichlorobenzidine	20	10.	50	20	10.	51	2	40-140	30
2,4-Dinitrotoluene	20	15.	76	20	15.	77	1	48-143	30
2,6-Dinitrotoluene	20	15.	74	20	15.	75	1	40-140	30
Fluoranthene	20	14.	70	20	15.	74	6	40-140	30
4-Chlorophenyl phenyl ether	20	14.	68	20	14.	68	0	40-140	30
4-Bromophenyl phenyl ether	20	14.	68	20	14.	69	1	40-140	30
Bis(2-chloroisopropyl)ether	20	14.	70	20	13.	64	9	40-140	30
Bis(2-chloroethoxy)methane	20	14.	70	20	13.	66	6	40-140	30
Hexachlorobutadiene	20	8.4	42	20	7.8	39	Q 7	40-140	30
Hexachlorocyclopentadiene	20	8.9	44	20	9.1	46	4	40-140	30
Hexachloroethane	20	9.0	45	20	8.4	42	7	40-140	30
Isophorone	20	14.	72	20	13.	67	7	40-140	30
Naphthalene	20	11.	57	20	11.	54	5	40-140	30
Nitrobenzene	20	14.	72	20	14.	68	6	40-140	30
NDPA/DPA	20	14.	70	20	14.	69	1	40-140	30
n-Nitrosodi-n-propylamine	20	15.	75	20	14.	71	5	29-132	30
Bis(2-ethylhexyl)phthalate	20	16.	81	20	17.	86	6	40-140	30
Butyl benzyl phthalate	20	18.	91	20	20.	98	7	40-140	30
Di-n-butylphthalate	20	17.	85	20	16.	80	6	40-140	30
Di-n-octylphthalate	20	19.	96	20	21.	103	7	40-140	30
Diethyl phthalate	20	15.	75	20	15.	75	0	40-140	30
Dimethyl phthalate	20	15.	74	20	15.	74	0	40-140	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : **WG2085489-2** Analysis Date : 07/01/25 21:30 File ID : 085489-2
 LCSD Sample ID : **WG2085489-3** Analysis Date : 07/01/25 21:55 File ID : 085489-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Benzo(a)anthracene	20	14.	71	20	15.	76	7	40-140	30
Benzo(a)pyrene	20	14.	71	20	16.	80	12	40-140	30
Benzo(b)fluoranthene	20	16.	79	20	16.	82	4	40-140	30
Benzo(k)fluoranthene	20	14.	71	20	16.	78	9	40-140	30
Chrysene	20	14.	68	20	14.	71	4	40-140	30
Acenaphthylene	20	14.	68	20	13.	67	1	45-123	30
Anthracene	20	14.	69	20	14.	71	3	40-140	30
Benzo(ghi)perylene	20	17.	84	20	17.	85	1	40-140	30
Fluorene	20	14.	70	20	14.	70	0	40-140	30
Phenanthrene	20	13.	67	20	14.	69	3	40-140	30
Dibenzo(a,h)anthracene	20	18.	88	20	18.	92	4	40-140	30
Indeno(1,2,3-cd)pyrene	20	18.	92	20	19.	95	3	40-140	30
Pyrene	20	14.	68	20	14.	70	3	26-127	30
Biphenyl	20	13.	67	20	13.	65	3	40-140	30
4-Chloroaniline	20	9.3	46	20	9.0	45	2	40-140	30
2-Nitroaniline	20	16.	79	20	16.	80	1	52-143	30
3-Nitroaniline	20	14.	69	20	13.	67	3	25-145	30
4-Nitroaniline	20	15.	73	20	15.	73	0	51-143	30
Dibenzofuran	20	13.	66	20	13.	66	0	40-140	30
2-Methylnaphthalene	20	12.	62	20	12.	58	7	40-140	30
1,2,4,5-Tetrachlorobenzene	20	11.	55	20	11.	55	0	2-134	30
Acetophenone	20	16.	80	20	14.	70	13	39-129	30
2,4,6-Trichlorophenol	20	14.	69	20	14.	70	1	30-130	30
p-Chloro-m-cresol	20	15.	75	20	14.	71	5	23-97	30
2-Chlorophenol	20	15.	75	20	13.	66	13	27-123	30
2,4-Dichlorophenol	20	14.	73	20	14.	69	6	30-130	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2085489-2 Analysis Date : 07/01/25 21:30 File ID : 085489-2
 LCSD Sample ID : WG2085489-3 Analysis Date : 07/01/25 21:55 File ID : 085489-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
2,4-Dimethylphenol	20	12.	60	20	9.9	49	20	30-130	30
2-Nitrophenol	20	18.	92	20	17.	87	6	30-130	30
4-Nitrophenol	20	9.0	45	20	9.1	45	0	10-80	30
2,4-Dinitrophenol	20	16.	82	20	18.	89	8	20-130	30
4,6-Dinitro-o-cresol	20	18.	92	20	20.	100	8	20-164	30
Pentachlorophenol	20	16.	79	20	16.	80	1	9-103	30
Phenol	20	8.5	43	20	7.9	39	10	12-110	30
2-Methylphenol	20	13.	65	20	12.	60	8	30-130	30
3-Methylphenol/4-Methylphenol	20	14.	71	20	13.	64	10	30-130	30
2,4,5-Trichlorophenol	20	15.	75	20	15.	74	1	30-130	30
Carbazole	20	14.	70	20	14.	71	1	55-144	30
Atrazine	20	17.	87	20	18.	89	2	40-140	30
Benzaldehyde	20	19.	94	20	17.	83	12	40-140	30
Caprolactam	20	10.	51	20	10.	53	4	10-130	30
2,3,4,6-Tetrachlorophenol	20	14.	68	20	16.	78	14	40-140	30



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Instrument ID : SV107
 Calibration dates : 06/19/25 14:15 06/20/25 05:05

Lab Number : L2540261
 Project Number : 086328
 Ical Ref : ICAL22419

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 =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-Nitrosodimet	0.710	0.739	0.752	0.780	0.787	0.748	0.757	0.780	0.714	0.752	3.71
3) t Pyridine	1.132	1.190	1.405	1.411	1.379	1.314	1.336	1.281	1.306		7.74
4) S 2-Fluorophenol	1.113	1.171	1.137	1.169	1.138	1.136	1.137	1.130	1.072	1.134	2.59
5) T Aniline	1.073	1.711	1.794	1.936	1.925	1.913	1.989	1.923	1.783		16.85
6) t 2-Chlorophenol	1.053	1.145	1.278	1.267	1.276	1.264	1.233	1.257	1.239	1.224	6.19
7) S Phenol-d6	1.350	1.255	1.435	1.442	1.420	1.428	1.414	1.439	1.384	1.396	4.34
8) T Phenol	1.419	1.552	1.591	1.587	1.588	1.555	1.533	1.551	1.525	1.545	3.42
9) T Bis(2-chloroet	1.251	1.335	1.369	1.284	1.252	1.206	1.182	1.181	1.179	1.249	5.58
10) T 1,3-Dichlorobe	1.661	1.623	1.838	1.627	1.630	1.575	1.525	1.571	1.618	1.630	5.41
11) T 1,4-Dichlorobe	2.002	1.786	1.744	1.704	1.614	1.605	1.563	1.596	1.654	1.697	8.04
12) T 1,2-Dichlorobe	1.686	1.683	1.683	1.643	1.595	1.544	1.526	1.587	1.639	1.621	3.75
13) t Benzyl alcohol	0.786	0.881	0.930	0.970	0.982	1.048	1.140	1.139	0.985		12.47
14) T Bis(2-chlorois	1.850	1.772	1.870	1.794	1.814	1.739	1.748	1.809	1.811	1.801	2.40
15) T 2-Methylphenol	1.079	1.068	1.090	1.081	1.114	1.140	1.171	1.250	1.420	1.157	9.86
16) T Hexachloroethane	0.621	0.534	0.603	0.579	0.576	0.563	0.574	0.584	0.588	0.580	4.19
17) T n-Nitrosodi-n-	0.853	0.769	0.868	0.886	0.909	0.910	0.926	0.986	0.985	0.899	7.46
18) T 3-Methylphenol	0.989	1.022	1.152	1.224	1.196	1.207	1.237	1.308	1.322	1.184	9.67
19) S Nitrobenzene-d5	0.741	0.991	1.161	1.202	1.212	1.252	1.265	1.351	1.316	1.166	16.30
20) T Nitrobenzene	1.111	1.064	1.194	1.229	1.311	1.296	1.303	1.369	1.380	1.251	8.82
21) T Isophorone	1.918	2.106	2.325	2.387	2.488	2.503	2.618	2.807	2.845	2.444	12.42
22) T 2-Nitrophenol	0.353	0.400	0.433	0.472	0.530	0.621				*Q	0.9998
23) T 2,4-Dimethylph	0.987	1.067	1.234	1.270	1.326	1.327	1.385	1.504	1.571	1.297	14.46
24) T Bis(2-chloroet	1.548	1.597	1.633	1.614	1.632	1.607	1.624	1.719	1.761	1.637	3.93
25) T 2,4-Dichloroph	0.876	1.017	1.051	1.107	1.202	1.212	1.265	1.343	1.416	1.165	14.55
26) T 1,2,4-Trichlor	1.714	1.557	1.535	1.520	1.526	1.445	1.459	1.537	1.616	1.545	5.23
27) I IS2_1,4-Dichlorobenzene-d4	-----ISTD-----										
28) T Benzaldehyde	0.885	0.883	0.738	0.906	0.788	0.787	0.827	0.732	0.718	0.807	8.87
29) T Acetophenone	2.099	2.081	1.987	2.116	1.978	1.874	1.975	1.988	2.154	2.028	4.39
30) T m-Toluidine	0.866	1.183	1.257	1.403	1.397	1.477	1.264				17.61
31) T 2-Chloroaniline	1.265	1.489	1.346	1.557	1.543	1.463	1.507	1.525	1.618	1.479	7.41
32) I IS3_1,4-Dichlorobenzene-d4	-----ISTD-----										
33) 1,4-Dioxane	0.676	0.579	0.559	0.505	0.490	0.489	0.482	0.487	0.533		12.74
34) T n-Decane	1.674	1.529	1.630	1.441	1.432	1.478	1.537	1.531	1.582	1.537	5.30
35) I IS1_Naphthalene-d8	-----ISTD-----										
36) T Naphthalene	1.210	1.233	1.201	1.139	1.057	1.033	1.030	1.016	1.012	1.103	8.33



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Instrument ID : SV107
 Calibration dates : 06/19/25 14:15 06/20/25 05:05

Lab Number : L2540261
 Project Number : 086328
 Ical Ref : ICAL22419

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 =ADPL9.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37) T Benzoic Acid					0.115	0.138	0.184	0.206	0.212	*L	0.9990
38) T 4-Chloroaniline	0.075	0.128	0.140	0.143	0.143	0.141	0.143	0.145	0.148	0.134	16.95
39) T Hexachlorobuta	0.259	0.261	0.284	0.241	0.235	0.223	0.223	0.219	0.230	0.242	9.04
40) T p-Chloro-m-cresol	0.254	0.233	0.263	0.277	0.282	0.292	0.312	0.322	0.330	0.285	11.39
41) T 2-Methylnaphth	0.639	0.692	0.702	0.674	0.658	0.636	0.647	0.634	0.651	0.659	3.76
42) T 1-Methylnaphth	0.263	0.274	0.279	0.265	0.246	0.239	0.244	0.239	0.252	0.256	5.95
43) T Hexachlorocycl	0.193	0.230	0.235	0.230	0.223	0.225	0.245	0.257	0.277	0.235	10.05
44) T 2,4,6-Trichlor	0.203	0.182	0.218	0.231	0.227	0.242	0.254	0.275	0.285	0.235	14.05
45) T 2,4,5-Trichlor	0.209	0.199	0.231	0.247	0.263	0.253	0.282	0.291	0.311	0.254	14.63
46) S 2-Fluorobiphenyl	0.995	0.970	1.018	0.966	0.904	0.883	0.886	0.880	0.905	0.934	5.70
47) T 2-Chloronaphth	0.785	0.788	0.833	0.800	0.742	0.714	0.723	0.727	0.753	0.763	5.33
48) T 2-Nitroaniline			0.158	0.168	0.184	0.206	0.236	0.246	0.258	0.208	19.10
49) T 1,4-Dinitroben					0.071	0.081	0.097	0.113	0.116	*L	0.9987
50) T 1,3-Dinitroben					0.093	0.107	0.120	0.137	0.144	*L	0.9988
51) T Dimethyl phtha	0.758	0.842	0.920	0.912	0.877	0.872	0.897	0.932	0.941	0.883	6.39
52) T Acenaphthylene	1.102	1.104	1.254	1.251	1.209	1.204	1.203	1.233	1.266	1.203	5.07
53) T 2,6-Dinitrotol			0.116	0.132	0.149	0.165	0.181	0.185	0.190	0.160	17.73
54) T 1,2-Dinitroben				0.054	0.062	0.071	0.076	0.082	0.084	0.071	16.35
55) I IS2_Naphthalene-d8	-----ISTD-----										
56) T a-Terpineol	0.179	0.209	0.217	0.236	0.234	0.233	0.253	0.277	0.282	0.236	13.78
57) T 3-Chloroaniline			0.120	0.141	0.142	0.140	0.144	0.143	0.140	0.139	5.91
58) T 2,6-Dichlorophenol	0.195	0.205	0.213	0.245	0.250	0.251	0.267	0.289	0.307	0.247	15.29
59) T 1-chloro-2-nitrobenzene	0.101	0.097	0.093	0.095	0.105	0.104	0.117	0.132	0.143	0.110	15.94
60) T Caprolactam			0.091	0.102	0.107	0.112	0.130	0.153	0.167	*L	0.9909
61) T 1,2,4,5-Tetrachloroben...	0.420	0.434	0.413	0.425	0.398	0.376	0.386	0.412	0.436	0.411	5.08
62) T Biphenyl	0.928	0.944	0.923	0.956	0.918	0.864	0.879	0.955	1.017	0.932	4.84
63) I IS1_Acenaphthene-d10	-----ISTD-----										
64) T 3-Nitroaniline			0.229	0.258	0.289	0.299	0.322	0.344	0.347	0.298	14.70
65) T Acenaphthene	1.262	1.221	1.250	1.195	1.125	1.081	1.106	1.142	1.152	1.170	5.51
66) T 2,4-Dinitrophenol		0.021	0.060	0.074	0.080	0.093	0.114	0.146		*Q	0.9994
67) T Dibenzofuran	2.158	2.138	2.116	1.990	1.941	1.869	1.872	1.942	1.946	1.997	5.62
68) T 2,4-Dinitrotol		0.201	0.252	0.290	0.335	0.355	0.408	0.456	0.468	*Q	0.9983
69) T 4-Nitrophenol		0.302	0.172	0.201	0.215	0.229	0.251	0.278	0.277	0.240	18.41
70) T 2,3,5,6-Tetrac			0.278	0.294	0.317	0.332	0.362	0.392	0.398	0.339	13.77
71) T 2,3,4,6-Tetrachlorophenol		0.254	0.349	0.319	0.394	0.392	0.423	0.441	0.444	0.377	17.50
72) T Diethyl phthalate	1.295	1.244	1.363	1.433	1.390	1.378	1.439	1.520	1.503	1.396	6.44



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Instrument ID : SV107
 Calibration dates : 06/19/25 14:15 06/20/25 05:05

Lab Number : L2540261
 Project Number : 086328
 Ical Ref : ICAL22419

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 =ADPL9.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T Fluorene	1.489	1.517	1.546	1.510	1.452	1.427	1.443	1.467	1.480	1.481	2.59
74)	T 4-Chlorophenyl	0.899	0.798	0.800	0.767	0.720	0.702	0.693	0.718	0.721	0.757	8.78
75)	T 4-Nitroaniline			0.223	0.267	0.283	0.296	0.325	0.355	0.341	0.298	15.39
76)	T 4,6-Dinitro-o-			0.092	0.102	0.124	0.136	0.172	0.209		*Q	0.9989
77)	T NDPA/DPA	1.233	1.199	1.299	1.255	1.259	1.231	1.258	1.332	1.354	1.269	3.97
78)	T Azobenzene	1.170	1.228	1.324	1.368	1.362	1.327	1.373	1.405	1.378	1.326	5.84
79)	S 2,4,6-Tribromo		0.132	0.158	0.161	0.173	0.175	0.183	0.211	0.208	0.175	14.80
80)	T 4-Bromophenyl	0.424	0.474	0.462	0.435	0.429	0.418	0.429	0.445	0.457	0.442	4.33
81)	T Hexachlorobenzene	0.564	0.514	0.524	0.480	0.471	0.448	0.448	0.466	0.475	0.488	7.91
82)	T Pentachlorophenol		0.116	0.149	0.166	0.208	0.230	0.271	0.304	0.316	*Q	0.9979
83)	I IS2_Acenaphthene-d10	-----ISTD-----										
84)	T Dichloran		0.067	0.073	0.081	0.094	0.093	0.116			0.088	19.81
85)	T Pentachloronitrobenzene		0.065	0.077	0.100	0.111	0.115	0.128	0.160	0.178	*Q	0.9986
86)	I IS3_Acenaphthene-d10	-----ISTD-----										
87)	T Atrazine	0.205	0.198	0.222	0.257	0.280	0.311	0.331	0.432	0.477	*Q	0.9977
88)	I IS1_Phenanthrene-d10	-----ISTD-----										
89)	T Phenanthrene	1.411	1.322	1.332	1.257	1.189	1.136	1.144	1.134	1.168	1.233	8.27
90)	T Anthracene	1.204	1.138	1.206	1.192	1.150	1.141	1.154	1.169	1.224	1.175	2.72
91)	T Carbazole	0.910	0.998	1.055	1.074	1.075	1.061	1.117	1.153	1.237	1.076	8.57
92)	T Di-n-butylphth			0.810	0.899	1.023	1.105	1.327	1.389	1.425	*L	0.9974
93)	T Fluoranthene	1.249	1.190	1.335	1.358	1.339	1.318	1.444	1.392	1.402	1.336	5.84
94)	T Benzidine			0.205	0.346	0.571	0.693	0.836	0.873	0.975	*L	0.9944
95)	T Pyrene	1.368	1.266	1.515	1.510	1.432	1.378	1.481	1.428	1.506	1.432	5.81
96)	S 4-Terphenyl-d14	0.951	0.931	1.014	1.030	0.976	0.964	1.029	1.020	1.089	1.000	4.91
97)	T Butyl benzyl p		0.205	0.222	0.239	0.296	0.365	0.480	0.534		*Q	0.9950
98)	I IS2_Phenanthrene-d10	-----ISTD-----										
99)	T Diphenamid			0.267	0.317	0.377	0.372	0.443	0.523	0.567	*L	0.9912
100)	I IS3_Phenanthrene-d10	-----ISTD-----										
101)	T n-Octadecane			0.315	0.345	0.384	0.413	0.458	0.495	0.528	0.420	18.68
102)	T Parathion			0.039	0.040	0.045	0.047	0.059	0.093	0.112	*Q	0.9956
103)	T 3,3'-Dimethylb					0.234	0.304	0.515	0.759	0.846	*L	0.9902
104)	I IS1_Chrysene-d12	-----ISTD-----										
105)	T Benzo(a) anthra	1.388	1.262	1.276	1.371	1.412	1.405	1.471	1.488	1.379	1.384	5.50
106)	T 3,3'-Dichlorob			0.307	0.362	0.437	0.462	0.517	0.540	0.532	0.451	19.78
107)	T Chrysene	1.681	1.560	1.568	1.456	1.383	1.265	1.292	1.315	1.293	1.424	10.52
108)	T Bis(2-ethylhex		0.325	0.387	0.414	0.544	0.621	0.773	0.826	0.832	*Q	0.9965



Initial Calibration Summary

Form 6

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Instrument ID : SV107
 Calibration dates : 06/19/25 14:15 06/20/25 05:05

Lab Number : L2540261
 Project Number : 086328
 Ical Ref : ICAL22419

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 =ADPL9.D

Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109) T Di-n-octylphth			0.523	0.540	0.745	0.914	1.235	1.392		*Q	0.9959
110) T Benzo(b)fluora	1.016	0.959	1.158	1.210	1.236	1.240	1.282	1.268	1.262	1.181	9.87
111) T Benzo(k)fluora	0.965	1.115	1.339	1.202	1.343	1.208	1.240	1.272	1.237	1.214	9.61
112) T Benzo(a)pyrene	0.900	0.854	1.062	1.047	1.169	1.153	1.201	1.210	1.203	1.089	12.32
113) I ISl_Perylene-d12	-----ISTD-----										
114) T Indeno(1,2,3-c	0.854	0.627	0.831	0.887	1.051	1.040	1.115	1.096	1.137	0.960	17.77
115) T Dibenzo(a,h)an	0.718	0.793	0.961	1.006	1.085	1.053	1.098	1.113	1.140	0.996	14.90
116) T Benzo(ghi)pery	1.054	0.946	1.116	1.121	1.145	1.118	1.137	1.042	0.914	1.066	7.96



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Instrument ID : SV107
 Lab File ID : ABN0701NA
 Sample No : WG2085973-3
 Channel :

Lab Number : L2540261
 Project Number : 086328
 Calibration Date : 07/01/25 20:14
 Init. Calib. Date(s) : 06/19/25 06/20/25
 Init. Calib. Times : 14:15 05:05

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	148	0
n-Nitrosodimethylamine	0.752	0.699	-	7	20	138	0
Pyridine	1.306	0.879	-	32.7*	20	94	0
2-Fluorophenol	1.134	1.035	-	8.7	20	135	0
Aniline	1.783	1.713	-	3.9	20	132	0
2-Chlorophenol	1.224	1.155	-	5.6	20	135	0
Phenol-d6	1.396	1.264	-	9.5	20	131	0
Phenol	1.545	1.403	-	9.2	20	134	0
Bis(2-chloroethyl)ether	1.249	1.119	-	10.4	20	138	0
1,3-Dichlorobenzene	1.63	1.426	-	12.5	20	134	0
1,4-Dichlorobenzene	1.697	1.42	-	16.3	20	131	0
1,2-Dichlorobenzene	1.621	1.367	-	15.7	20	131	0
Benzyl alcohol	0.985	0.859	-	12.8	20	130	0
Bis(2-chloroisopropyl)ethe	1.801	1.73	-	3.9	20	147	0
2-Methylphenol	1.157	1.061	-	8.3	20	138	0
Hexachloroethane	0.58	0.514	-	11.4	20	135	0
n-Nitrosodi-n-propylamine	0.899	0.827	-	8	20	135	0
3-Methylphenol/4-Methylphe	1.184	1.128	-	4.7	20	138	0
Nitrobenzene-d5	1.166	1.146	-	1.7	20	136	0
Nitrobenzene	1.251	1.188	-	5	20	136	0
Isophorone	2.444	2.236	-	8.5	20	132	0
2-Nitrophenol	5	5.875	-	-17.5	20	180	0
2,4-Dimethylphenol	1.297	1.201	-	7.4	20	134	0
Bis(2-chloroethoxy)methane	1.637	1.488	-	9.1	20	137	0
2,4-Dichlorophenol	1.165	1.09	-	6.4	20	133	0
1,2,4-Trichlorobenzene	1.545	1.268	-	17.9	20	130	0
IS1_Naphthalene-d8	1	1	-	0	20	147	0
Naphthalene	1.103	0.932	-	15.5	20	133	0
Benzoic Acid	5	4.285	-	14.3	20	134	0
4-Chloroaniline	0.134	0.12	-	10.4	20	125	0
Hexachlorobutadiene	0.242	0.195	-	19.4	20	129	0
p-Chloro-m-cresol	0.285	0.267	-	6.3	20	135	0
2-Methylnaphthalene	0.659	0.598	-	9.3	20	139	0
1-Methylnaphthalene	0.256	0.2	-	21.9*	20	124	0
Hexachlorocyclopentadiene	0.235	0.221	-	6	20	145	0
2,4,6-Trichlorophenol	0.235	0.222	-	5.5	20	135	0
2,4,5-Trichlorophenol	0.254	0.247	-	2.8	20	144	0
2-Fluorobiphenyl	0.934	0.77	-	17.6	20	128	0
2-Chloronaphthalene	0.763	0.644	-	15.6	20	133	0
2-Nitroaniline	0.208	0.209	-	-0.5	20	149	0
1,4-Dinitrobenzene	5	5.051	-	-1	20	163	0
1,3-Dinitrobenzene	5	4.833	-	3.3	20	148	0
Dimethyl phthalate	0.883	0.802	-	9.2	20	135	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Instrument ID : SV107
 Lab File ID : ABN0701NA
 Sample No : WG2085973-3
 Channel :

Lab Number : L2540261
 Project Number : 086328
 Calibration Date : 07/01/25 20:14
 Init. Calib. Date(s) : 06/19/25 06/20/25
 Init. Calib. Times : 14:15 05:05

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.203	1.061	-	11.8	20	130	0
2,6-Dinitrotoluene	0.16	0.161	-	-0.6	20	143	0
1,2-Dinitrobenzene	0.071	0.072	-	-1.4	20	148	0
IS1_Acenaphthene-d10	1	1	-	0	20	147	0
3-Nitroaniline	0.298	0.281	-	5.7	20	138	0
Acenaphthene	1.17	0.993	-	15.1	20	135	0
2,4-Dinitrophenol	5	4.848	-	3	20	146	0
Dibenzofuran	1.997	1.592	-	20.3*	20	125	0
2,4-Dinitrotoluene	5	4.599	-	8	20	149	0
4-Nitrophenol	0.24	0.197	-	17.9	20	126	0
2,3,5,6-Tetrachlorophenol	0.339	0.315	-	7.1	20	139	0
2,3,4,6-Tetrachlorophenol	0.377	0.358	-	5	20	134	0
Diethyl phthalate	1.396	1.261	-	9.7	20	134	0
Fluorene	1.481	1.272	-	14.1	20	131	0
4-Chlorophenyl phenyl ethe	0.757	0.618	-	18.4	20	129	0
4-Nitroaniline	0.298	0.265	-	11.1	20	132	0
4,6-Dinitro-o-cresol	5	5.531	-	-10.6	20	176	0
NDPA/DPA	1.269	1.081	-	14.8	20	129	0
Azobenzene	1.326	1.15	-	13.3	20	127	0
2,4,6-Tribromophenol	0.175	0.171	-	2.3	20	144	0
4-Bromophenyl phenyl ether	0.442	0.357	-	19.2	20	126	0
Hexachlorobenzene	0.488	0.389	-	20.3*	20	128	0
Pentachlorophenol	5	4.344	-	13.1	20	140	0
IS1_Phenanthrene-d10	1	1	-	0	20	143	0
Phenanthrene	1.233	1.02	-	17.3	20	128	0
Anthracene	1.175	0.994	-	15.4	20	124	0
Carbazole	1.076	0.919	-	14.6	20	124	0
Di-n-butylphthalate	5	4.252	-	15	20	141	0
Fluoranthene	1.336	1.14	-	14.7	20	123	0
Benzidine	5	3.905	-	21.9*	20	128	0
Pyrene	1.432	1.164	-	18.7	20	120	0
4-Terphenyl-d14	1	0.793	-	20.7*	20	117	0
Butyl benzyl phthalate	5	5.364	-	-7.3	20	165	0
IS1_Chrysene-d12	1	1	-	0	20	123	0
Benzo(a)anthracene	1.384	1.255	-	9.3	20	110	0
3,3'-Dichlorobenzidine	0.451	0.429	-	4.9	20	115	0
Chrysene	1.424	1.176	-	17.4	20	115	0
Bis(2-ethylhexyl)phthalate	5	5.17	-	-3.4	20	146	0
Di-n-octylphthalate	5	5.794	-	-15.9	20	160	0
Benzo(b)fluoranthene	1.181	1.123	-	4.9	20	112	0
Benzo(k)fluoranthene	1.214	1.082	-	10.9	20	110	0
Benzo(a)pyrene	1.089	1.006	-	7.6	20	108	0
IS1_Perylene-d12	1	1	-	0	20	123	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : CHA Companies
 Project Name : 701-705 EAST FAYETTE ST.
 Instrument ID : SV107
 Lab File ID : ABN0701NA
 Sample No : WG2085973-3
 Channel :

Lab Number : L2540261
 Project Number : 086328
 Calibration Date : 07/01/25 20:14
 Init. Calib. Date(s) : 06/19/25 06/20/25
 Init. Calib. Times : 14:15 05:05

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.96	1.157	-	-20.5*	20	137	0
Dibenzo(a,h)anthracene	0.996	1.063	-	-6.7	20	125	0
Benzo(ghi)perylene	1.066	1.104	-	-3.6	20	122	0

* Value outside of QC limits.



Field Duplicate Calculation Section

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2540261

S1= MW-101

S2= DUP

<u>Analyte</u>	<u>S1</u>	<u>S2</u>	<u>RPD (%)</u>
Di-n-butylphthalate	3.7	ND	NC
Bis(2-ethylhexyl)phthalate	ND	2.3	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.

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