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Remedial Investigation Report

**Old Erie Commons
160 Center Street, Canastota, New York
BCP Site No. C727015**

Prepared for:



Old Erie Commons, LLC
1201 East Fayette Street
Syracuse, New York

February 03, 2026

C&S Project No. W96.013.001



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I, H. Nevin Bradford, certify that I am currently a NYS Registered Professional Engineer and that this Remedial Investigation Report was prepared in accordance with applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10).

H. Nevin Bradford
State of New York Professional Engineer No. 086008

February 03, 2026



C&S Project#: W96.013.001



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ACRONYMS

AAR – Alternatives Analysis Report	NAPL – Non-Aqueous Phase Liquid
AGV – Air Guidance Value	NAVD – North American Vertical Datum
AMSL – Above Mean Sea Level	NTU – Nephelometric Turbidity Unit
ASP – Analytical Services Protocol	NYSDEC – New York State Department of Environmental Conservation
AWQS – Ambient Water Quality Standards	NYSDOH – New York State Department of Health
BCP – Brownfield cleanup Program	OCWA – Onondaga County Water Authority
BGS – Below Ground Surface	ORP – Oxidation Reduction Potential
BMP – Best Management Practice	PAH – Polycyclic Aromatic Hydrocarbons
BTOR – Below Top of Riser	PCB – Polychlorinated Biphenyl
CAMP – Community Air Monitoring Plan	PCE – Tetrachloroethylene
CM SCO – Commercial Soil Cleanup Objective	PGW SCO – Protection of Groundwater Soil Cleanup Objective
DER – Division of Environmental Remediation	PFAS – Per- and Polyfluoroalkyl Substances
DO – Dissolved Oxygen	PFOA – Perfluorooctanoic Acid
DUSR – Data Usability and Summary Report	PFOS – Perfluorooctanesulfonic acid
EDD – Electronic Data Deliverable	PID – Photo-ionization Detector
ELAP – Environmental Laboratory Accreditation Program	PM – Particulate Matter
ESA – Environmental Site Assessment	PPB – Parts per Billion
GPR – Ground Penetrating Radar	PPE – Personal Protective Equipment
HASP – Health and Safety Plan	PPM – Parts per Million
HDPE – High-Density Polyethylene	PPT – Parts per Trillion
HFM – Historic Fill Material	PVC – Poly Vinyl Chloride
HREC – Historic Recognized Environmental Condition	QA / QC – Quality Assurance / Quality Control
IN SCO – Industrial Soil Cleanup Objective	QAPP – Quality Assurance Project Plan
LCS – Laboratory Control Sample	REC – Recognized Environmental Condition
L/Min – Liters per Minute	RI – Remedial Investigation
mg/L – Milligrams per Liter	RIWP – Remedial Investigation Work Plan
ml/Min – Milliliters per Minute	RR SCO – Restricted Residential Soil Cleanup Objective
MS / MSD – Matrix Spike / Matrix Spike Duplicate	SCG – Standards, Criteria, Guidance
mS/cm – MilliSiemens per Centimeter	SCO – Soil Cleanup Objective
mV – Millivolts	Site – 160 Center Street, Canastota, New York



SVI – Soil Vapor Intrusion

SVOC – Semi volatile Organic Compound

TAL – Target Analyte List

TCE – Trichloroethene

TCL – Target Compound List

TOGS – Technical and Operational Guidance Series

µg/m³ – Microgram per Cubic Meter

USEPA – United States Environmental Protection Agency

UR SCO – Unrestricted Soil Cleanup Objective

UST – Underground Storage Tank

VOC – Volatile Organic Compound

VOV – Volatile Organic Vapor

EXECUTIVE SUMMARY

This document presents the Remedial Investigation (RI) Report for Brownfield Cleanup Program (BCP) Site No. C727015 located at 160 Center Street, Canastota, Onondaga County, New York (the "Site"). The RI Report reports on the data and findings resulting from implementation of the Remedial Investigation Work Plan (RIWP). The project details are summarized below:

Contaminant Source and Constituents

Contamination exceeding soil cleanup objectives (SCOs) is generally associated with historic fill material (HFM) located on the Site. Constituents in the HFM at concentrations that exceed the Restricted Residential Use SCOs (RR SCOs) are generally semi-volatile organic compounds (SVOCs) and metals. No constituents exceeded RR SCOs in the native material at the Site. Volatile organic compounds (VOCs), SVOCs, and naturally occurring metals are present in Site groundwater at concentrations that exceed NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS). Per- and polyfluoroalkyl substances (PFAS) are also in groundwater on the western side of the Site at concentrations that exceed NYSDEC PFAS guidance values.

Extent of Contamination

Soil contamination is limited to the HFM located across the Site. The HFM is located immediately below existing surfaces and is underlain by native soils. The Site contains HFM with observed thickness of 0.5 to 5.5 feet below ground surface (bgs). The observed HFM is shallowest on the southwest side of the Site and deepest in the center and northwest and southeast corners of the Site. The presence of HFM and the observed impacts are consistent with the Site's long history of industrial operations, including coal handling and delivery via multiple rail spurs, and the placement of unregulated fill. These historical activities are considered the primary contributors to the subsurface impacts observed across the Site.

Groundwater is located across the Site at approximately 3 to 5 feet bgs. The groundwater across the Site contains acetone, p-isopropyltoluene, phenol, and polycyclic aromatic hydrocarbons (PAHs) at relatively low concentrations, but above the corresponding groundwater standards. Based on the data gathered during the RI, it appears that VOCs and SVOCs in the groundwater are related to the presence of HFM across the Site (residual constituents from coal-tar, creosote, or petroleum) or are related to the microbial breakdown of natural organic matter. Low-level PFAS contaminated groundwater is located on the western side of the Site. The likely reason for the presence of PFAS is not currently understood. Existing groundwater gradient data indicates a northeasterly flow direction. The groundwater gradient at the Site is low, averaging 0.0065 feet per foot.

Proposed Site Redevelopment

The proposed redevelopment plan for the Site is a pocket neighborhood and a multi-building

residential project with on-site community and commercial spaces. The project includes six newly constructed buildings, including three 2-story apartment buildings and one 2-story townhouse building arranged around a central shared greenspace and three-story community building. There will be 48 affordable residential units. The project includes a neighborhood bakery/café, creation of canal front public space, and enhancement to the Empire State Trail. The proposed redevelopment would be considered restricted-residential.

Remedial Investigation

To characterize site conditions and identify the appropriate remedy for the Site, a RI was implemented. The RI included the collection and analysis of 44 soil samples, six soil vapor samples, and two rounds of groundwater sampling from four wells.

Based on data collected during the previous Phase II Environmental Site Assessments (ESAs) and the RI, contaminants of concern in soil are SVOCs and metals and are limited to the HFM across the Site. The variation in analyte concentrations in the soils that contain HFM indicates that the source of contamination in soil samples containing HFM is the HFM itself and no apparent discrete source is located on-site or off-site. The identified SVOCs that exceeded RR SCOs include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene while the identified metals include arsenic, barium, lead, and mercury. No constituents exceeded RR SCOs in the native material at the Site.

VOC and SVOC concentrations in groundwater only slightly exceeded TOGS 1.1.1 AWQS. Acetone, p-isopropyltoluene, and phenol were detected in excess of their TOGS limits in MW-103 during the second round of sampling. The presence of these analytes along with the hydrogen sulfide odor at MW-103 indicate that these compounds may be related to the presence of HFM across the Site (residual constituents from coal-tar, creosote, or petroleum) or are related to the microbial breakdown of natural organic matter. A singular PAH compound, benzo(a)anthracene, was detected in excess of the TOGS limits in all wells at the Site during the first round of sampling and six PAHs were detected in excess of the TOGS limit in MW-101 during the second round of sampling. In each case, the concentration was a fraction of a part per billion (ppb) (maximum of 0.11 ppb) and the corresponding TOGS limit is very low (0.002 ppb). There were also exceedances of typical hard water elements across the Site including iron, magnesium, and sodium. Groundwater PFAS concentrations on the western side of the Site exceeded applicable perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic Acid (PFOA) guidance values. The likely reason for the presence PFAS is not currently understood. However, the Site is situated hydraulically downgradient of the Canastota Volunteer Fire Department, which may represent a potential off-site source. The Fire Department is located approximately 275 feet to the west-southwest of the Site, across Center Street. Existing groundwater gradient data indicates a northeasterly groundwater flow direction.

Conclusions

Based on the work described in this document:

- Contaminants of concern in soil are SVOCs and metals and are limited to the HFM across the Site. The variation in analyte concentrations in the soils that contain HFM indicates that the source of contamination in soil samples containing HFM is the HFM itself and no apparent discrete source is located on-site or off-site. The current exposure pathways for surface and subsurface soil / HFM are as follows:
 - Under the current use, persons living and working in the vicinity of the Site and / or persons trespassing on the Site could be exposed to SVOCs and metals in the surface soil via inhalation of airborne particles, incidental ingestion of, or dermal contact with the contaminated media. Under current conditions an exposure pathway exists, however, this could be mitigated through engineering controls (i.e., site cover system) and institutional controls (i.e., Site Management Plan, Deed Restrictions) under the post-remediation scenario.
 - Exposed subsurface soil / HFM during construction presents a potential route of exposure to construction or remediation workers via contact, fugitive dust and surface water. However, the use of appropriate personal protective equipment, dust suppression techniques and personal / air monitoring, and the development of a HASP would minimize the risk of exposure during this stage of the project.
- Contaminants of concern in groundwater are low-level concentrations of VOCs, SVOCs, and PFAS. It appears that VOCs and SVOCs in the groundwater are related to the presence of HFM across the Site (residual constituents from coal-tar, creosote, or petroleum) or are related to the microbial breakdown of natural organic matter. The likely reason for the presence of PFAS is not currently understood. Groundwater is not considered a relevant mechanism for exposure due to the municipal water servicing the Site and requirement for an Environmental Easement that will restrict the use of groundwater. There is not a ban on groundwater use as a public drinking water supply in Village of Canastota. However, groundwater in the vicinity of the Site is not known to be utilized as a source of potable water. In addition, the depth of the groundwater (3 to 5 feet below grade) reasonably precludes human contact.
- The RI sampling results did not indicate a soil vapor intrusion concern under current site conditions. As there are no existing buildings on the Site at this time, the vapor intrusion pathway is not relevant under current conditions.
- There are no ecological resources present on or in the vicinity of the Site and, consequently, no fish and wildlife resource impacts have been identified.

1.0 INTRODUCTION

C&S Engineers, Inc. (C&S) has prepared this Remedial Investigation (RI) Report on behalf of the applicants for Brownfield Cleanup Program (BCP) Site No. C727015, Old Erie Commons LLC, (hereafter known as “Applicants”), for the Old Erie Commons BCP Site located at 160 Center Street, in the Village of Canastota, Madison County, New York (the “Site”).

On November 30, 2021, Savarino Companies, LLC (previous developer) entered into a Brownfield Cleanup Agreement (BCA) as a BCP Volunteer with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate the Site. On March 10, 2022, an amendment was executed to substitute 160 Center LLC as the sole BCP Volunteer on the existing BCA. 160 Center LLC was a related entity to Savarino Companies, LLC and was a single purpose entity formed for the proposed redevelopment project at the Site. Under 160 Center LLC, a Remedial Investigation Work Plan (RIWP) was submitted and approved by NYSDEC, however, investigation activities were never conducted at the Site. On May 30, 2025, a second amendment was executed to substitute Old Erie Commons, LLC (current developer) as the sole BCP Volunteer on the existing BCA.

Previous Phase II Environmental Site Assessments (ESAs) at the Site identified impacted fill materials, which may be associated with historic site use or the import of fill material. Specifically, an ash fill layer was previously identified at the majority of the investigation locations across the Site. Analytical data from the ash layer samples confirmed the presence of semi-volatile organic compounds (SVOCs), specifically polycyclic aromatic hydrocarbons (PAHs), and metals at concentrations exceeding the 6 NYCRR Part 375 Restricted Residential Use Soil Cleanup Objectives (RR SCOs), Commercial Use SCOs (CM SCOs) and / or Industrial Use SCOs (IN SCOs). Previous investigations are further discussed in **Section 2.3**.

In June 2022, Benchmark Civil / Environmental Engineering & Geology, PLLC (Benchmark) prepared a Remedial Investigation Work Plan (RIWP) on behalf of 160 Center LLC outlining the proposed approach to assess the full nature and extent of contamination at the Site. The RIWP was approved by the Department on June 8, 2022. On June 12, 2025, C&S proposed revisions to the approved June 2022 RIWP in a Supplemental RIWP to address any outdated information and to ensure alignment with current Site conditions. NYSDEC approved the proposed RIWP revisions on June 18, 2025. The subsequent RI included soil, groundwater, and soil vapor evaluations.

2.0 PROJECT BACKGROUND

2.1 Site Description

The Site consists of a ±2.56-acre parcel located in the Village of Canastota, Madison County, New York. The Site is bordered by the old Erie Canal (Pools Brook) to the north, Center Street to the south, residential, commercial, and vacant properties to the west, and a commercial property to the east. The current zoning for the Site is IN (Industrial District) according to the December 2015 Village of Canastota Zoning Map. A zoning change will be completed to allow for the mixed-use residential and commercial development of the Site. Surrounding properties are zoned IN and R2 (Residential 2 District).

Figure 1 shows the location of the Site and **Figure 2** shows the Project Area, Site Boundaries and Site Details.

2.2 Site History

For more than 120 years, the Site was utilized for various industrial operations, including varnishing, painting, and machining, as well as casket manufacturing, furniture manufacturing, and boat building. The former Site building, constructed prior to 1890 by the Canastota Casket Company, was subsequently occupied by several furniture manufacturers and later by an agricultural supply company before becoming vacant. Three railroad spurs extended into the Site from its southeastern corner, remaining in use from before 1890 until after 1963. According to fire insurance maps, an underground storage tank (UST) of unknown capacity was reportedly installed at the Site between 1906 and 1911 for the storage of benzine (a mixture of various aliphatic hydrocarbon compounds, also known as petroleum ether or naphtha). No information is available regarding the UST's exact location (only an approximate location is provided on fire insurance maps), size, closure, or removal. A surface feature with the potential to connect to subsurface structures was observed in the approximate vicinity of the reported UST; however, previous investigations have not been able to definitively conclude if the UST remains. The building partially collapsed in July 2011 and was fully demolished under emergency conditions in August 2011. A large building debris pile consisting of brick, stone, concrete, and wood pieces remains along the southern portion of the Site, generally within the basement of the historical main Site building.

2.3 Previous Investigations

Environmental information currently exists via the completion of the following reports:

- Phase I ESA completed by GHD in August 2019
- Phase II ESA completed by GHD in November 2019
- Phase II ESA completed by Benchmark in December 2021
- Phase I ESA completed by C&S in August 2025

Phase I ESA, GHD – April 2019

The Phase I ESA revealed the following Recognized Environmental Conditions (RECs) associated with the Site:

- **Potential Benzine Underground Storage Tank (UST):** According to historical Sanborn maps, an unknown capacity UST was installed at the Site sometime between 1906 and 1911 and was reportedly used to store benzine (a mixture of various aliphatic hydrocarbon compounds, also known as petroleum ether or naphtha). No additional information was provided or able to be reasonably ascertained, including information regarding specific location, closure, and removal. A surface feature with the potential to connect to subsurface structures was identified in the approximate location of the reported UST.
- **Historical Site Use:** The Site was utilized for various operations that involved varnishing, painting, and machining, including casket manufacturing, furniture manufacturing, and boat building, for over 120 years. These operations utilize significant quantities of petroleum products and hazardous substances.
- **Historical Railroad Spurs:** Historically, three railroad spurs were located on-Site and entered the Site from its southeastern corner. One railroad spur crossed the central portion of the Site and terminated on the adjoining property to the west. One railroad spur terminated in the central portion of the Site adjacent to the northern wall of the main historical Site building. One railroad spur crossed the central portion of the Site and terminated near the Site's northern boundary. In addition, one railroad spur was located immediately adjacent to the Site's eastern boundary and terminated near the Erie Canal, which adjoins the northern Site boundary. They were present from some time prior to 1890 until an unknown date after 1963.
- **On-Site Building Debris:** A significant quantity of intermixed brick, stone, concrete, and wood pieces were observed along the southern portion of the Site, generally within the basement of the historical main Site building. The debris pile is documented to contain potential asbestos-containing materials.
- **Former Septic Systems:** Based on the development of the Site dating back to at least the 1890s, it is assumed that at some point in the Site's past, prior to connecting to the municipal sanitary sewer system, a septic system(s) was previously located on-Site.

Phase II ESA, GHD – November 2019

A Limited Phase II ESA was completed by GHD to assess soil and groundwater in the vicinity of the potential UST and was not intended to characterize subsurface conditions for the entirety of the Site. The Limited Phase II ESA activities consisted of a ground penetrating radar (GPR) survey to locate the UST, the completion of five soil borings around the UST area (SB-1 through SB-5), and the installation of three temporary groundwater wells (TW-1 through TW-3). GHD collected

three soil samples and three groundwater samples for laboratory analysis of volatile organic compounds (VOCs), SVOCs, metals, and polychlorinated biphenyls (PCBs). The findings of the Limited Phase II ESA are summarized below:

- The GPR survey did not confirm or deny the presence of the UST. The investigation identified the following noteworthy features:
 - A gas / flammable fuel line was mapped along the southern and western portions of the Site;
 - An unidentified subsurface line was detected trending across the western portion of the Site; and
 - A general area of a suspected UST was identified near the southwestern portion of the Site. GPR could not confirm or deny the presence of a tank in this area due to soil conditions and overgrown vegetation.

The extent and configuration of these features are illustrated on **Figure 3**.

- Subsurface conditions consisted of approximately 2 to 5 feet of fill material overlying native soils. Low-level (0.3 to 1.5 parts per million or ppm) total volatile organic vapor (VOV) field measurements were noted at the boring locations.
- Groundwater was encountered at approximately 3 feet below ground surface (bgs). One VOC (acetone) was detected exceeding its 6 NYCRR Part 375 Unrestricted Use SCO (UR SCO) at SB-5 (4-6 ft).
- SVOCs, specifically PAHs were identified exceeding UR SCOs, RR SCOs, and IN SCOs at SB-5 (4-6 ft).
- Metals, including arsenic, barium, chromium, lead, nickel, and/or zinc were identified at concentrations exceeding UR SCOs, CM SCOs, and IN SCOs at SB-1 (0-4 ft) and SB-3 (0-4 ft).
- Metals, including antimony, arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, nickel, selenium, sodium, thallium, zinc, and / or mercury were identified at concentrations exceeding Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards / Guidance Values (AWQS) at TW-1, TW-2, and TW-3.
- The Limited Phase II ESA concluded the samples collected from the reported vicinity of the historical UST did not exhibit evidence of petroleum or chemical impacts.

Phase II ESA, Benchmark – December 2021

Benchmark conducted a Phase II ESA at the Site in March and October 2021. The results are documented in a report dated March 2021 and revised in December 2021. The Phase II ESA

activities consisted of 19 test pits (TP-1 through TP-19) completed across the Site to depths of approximately 3 to 7 feet bgs. Eight soil / fill samples were selected for laboratory analysis for SVOCs and metals. Three groundwater samples were also collected from test pit locations TP-3, TP-5, and TP-10 for laboratory analysis of VOCs. The findings of the Phase II ESA are summarized below:

- Fill materials consisting of black fines, ash, cinders, brick, glass, wood, concrete, asphalt, slag, plastic, and metal were observed across the Site to depths of approximately 1.5 to 5.5 feet bgs. Native soil and weathered bedrock were present underlying the fill materials.
- PAHs were detected in three of the six samples analyzed for SVOCs at concentrations exceeding their respective RR SCOs, CM SCOs, and / or IN SCOs.
- Metals (arsenic, barium, lead, and / or mercury) were detected in the eight samples analyzed for metals at concentrations exceeding respective RR SCOs, CM SCOs, and IN SCOs.

Phase I ESA, C&S – August 2025

The Phase I ESA revealed the following REC associated with the Site:

- The historical land uses on and off the Site, in addition to the Site's inclusion in the NYSDEC BCP is considered a REC.

The Phase I ESA revealed the following BER associated with the Site:

- Potential hazardous building materials in demolition debris.

Based on the results of this Phase I ESA, C&S recommended no further environmental investigation beyond activities required by the BCP. The BCP includes NYSDEC oversight, as well as documentation / reporting by a qualified environmental professional to ensure that the investigation and remedial work meets the requirements of applicable NYSDEC regulation and guidance. The BCP requires that the nature and extent of contamination within the property be fully defined, that alternatives be proposed to implement the remediation, and that the remediation be performed. Completion of the required program elements will result in the REC designation being changed to a Controlled REC if the remedy involves leaving some contamination in place with the implementation of engineering and institutional controls. Completion of the required program elements will result in the REC designation being changed to a HREC if the remedy includes the removal / remediation of all impacted media.

2.4 Remedial Investigation Objectives, Scope, and Rationale

The objectives of the RI were to evaluate contaminant impacts to soil, groundwater, and soil vapor and identify and to obtain data that would facilitate the evaluation of appropriate remedial actions

necessary to redevelop the Site. The investigation work included evaluating the magnitude and extent of contaminant impacts, conducting a qualitative exposure assessment for actual or potential exposures to contaminants at the Site and / or emanating from the Site, and producing data that will support the development of an acceptable RI Report and Alternatives Analysis Report (AAR).

The RI scope of work was based on information previously gathered regarding historical operations conducted at the Site, the results of previous investigations / characterizations, and the project objectives. The RI included the following:

- Soil Evaluation – This task consisted of assessing the overall soil conditions at the Site with focus on the following distinct areas / elements:
 - Surface soil samples: Surface soils were characterized to determine the shallow impacts in areas that are proposed to be finished with pervious surfaces (e.g. landscaping and grass).
 - Historic Fill Material (HFM): HFM was characterized to identify the extent and magnitude of contamination within the HFM. A map showing the depths of HFM across the site is provided as **Figure 4**. Note that the depths are reflective of conditions during the RI, prior to any development-related site work.
 - Native Soils: Native soils across the Site were characterized to determine the depth of impacts from the overlying HFM and / or Site operations.
- Groundwater Evaluation – Groundwater monitoring wells were installed on Site to assess groundwater quality and determine groundwater flow.
- Soil Vapor Evaluation – Soil vapor samples were collected to determine if there is potential for soil vapor intrusion to affect future buildings.

The locations of all explorations are shown on **Figure 5**.

The RI activities were completed consistent with NYSDEC *Division of Environmental Remediation (DER): Technical Guidance for Site Investigation and Remediation*, dated May 2010 (DER-10).

3.0 METHODOLOGY

The RI intended to characterize site conditions through the advancement of soil borings, the installation of groundwater monitoring wells, the installation of soil vapor implants, and the collection and analysis of soil, groundwater, and soil vapor samples.

Prior to initiating subsurface investigation activities, C&S' subcontractor, Matrix Environmental Technologies (Matrix), notified UDig New York, to arrange for identification and marking of buried public utilities at the Site. C&S endeavored to maintain a minimum setback of at least three feet from marked utilities during our investigation.

3.1 Decontamination Methods

The typical decontamination system to remove contaminants and debris from non-disposable field equipment is gross contamination removal followed by a "three-step decontamination". The gross contamination removal consisted of using tools or gloved hand to removal heavy amounts of soiling. The three-step decontamination was comprised of:

Initial Pre-Rinse → Alconox® Soap Cleaning → Final Rinse

Electronic field meters and equipment were wiped down with a damp towel or cloth to remove loose and caked soil or contaminants. In the case of a PID, it was ensured that the inlet was free of debris that could cause false positive readings. Non-disposable soil and groundwater sampling / monitoring equipment (e.g. water level depth meters, shovels, etc.) were thoroughly decontaminated between each sampling location.

Decontamination water was obtained from C&S facilities which is supplied potable public water from OCWA.

3.2 Soil Characterization

Soil sampling was performed in accordance with the approved RIWP and Supplemental RIWP. The general soil sampling rationale is summarized below:

- Previous investigations indicate that HFM is present across the Site. SVOCs and metals are common contaminants in HFM and were therefore analyzed at a higher frequency to better characterize the HFM and evaluate potential impacts on underlying native soils.
- VOCs, pesticides, herbicides, PCBs, 1,4-dioxane, and PFAS were analyzed at a lower frequency while still ensuring adequate spatial coverage across the Site.
- Samples collected near the on-site debris pile were analyzed for asbestos due to the potential presence of hazardous building materials.

- Four surface soil samples (SS-113 through SS-116) were analyzed for lead only to delineate the shallow lead impacts previously identified at TP-16 during the Benchmark Phase II ESA.

3.2.1 Surface Soil Sample Collection

Surface soil samples were collected across the Site to assess conditions in the vicinity of the building debris, to delineate lead impacts observed in the northern portion of the Site during the Phase II ESA, and to provide general spatial representation across the Site. A total of 16 surface soil samples were collected and analyzed as shown on **Figure 6**.

A steel shovel was used to remove the overlying turf. The exposed soil located zero to two inches below the root zone was collected with a stainless-steel spoon or gloved hand.

Soil from each location was screened in the field for visible impairment, olfactory indications of impairment, evidence of non-aqueous phase liquids (NAPLs), and / or indication of detectable VOVs with a photoionization detector (PID), collectively referred to as "evidence of impairment".

3.2.1.1 Surface Soil Sampling

Surface soil samples were collected from each strategically placed sample location to provide characterization across the Site. A total of 16 surface soil samples were collected and analyzed for the following:

- Target Compound List (TCL) VOCs (12 of 16 samples)
- TCL SVOCs (12 of 16 samples)
- TCL pesticides (5 of 16 samples)
- TCL herbicides (5 of 16 samples)
- PCBs (5 of 16 samples)
- Target Analyte List (TAL) metals, including mercury and cyanide (12 of 16 samples analyzed for full list, 4 of 16 samples analyzed for lead only)
- 1,4-Dioxane (8 of 16 samples)
- Per- and Polyfluoroalkyl Substances (PFAS) (5 of 16 samples)
- Asbestos (4 of 16 samples)

A master sample log is presented as **Table 1**.

3.2.2 Test Pit Completion

A total of 15 test pits were excavated across the Site. The purpose of the test pits was to visually assess subsurface conditions and document the presence of HFM at the Site. Observations were used to evaluate the nature and extent of fill and to identify any subsurface structures or features. The location of the test pits are shown on **Figure 7a** and **Figure 7b**.

An excavator with an appropriately sized bucket was utilized to complete the excavations. Soils from the test pits were screened for evidence of impairment. The results were recorded on test pit logs.

The test pits were distributed to characterize both HFM and underlying native soils. At each location, two samples were generally collected: one from the HFM layer and one from the native soil beneath. Care was taken to prevent comingling of the HFM and native soil so that the respective samples were representative of each medium. Test pit logs were prepared and include soil description / lithology, PID readings, relevant observations, etc. The test pit logs are provided in **Appendix A**.

3.2.2.1 Test Pit – HFM Sampling

HFM samples were collected from each test pit where HFM was encountered. Since HFM was encountered in all test pits, a total of 15 samples were collected. HFM samples were collected based on evidence of impairment and to provide characterization across the Site. The HFM samples were collected and analyzed for the following:

- TCL VOCs (7 of 15 samples)
- TCL SVOCs (15 of 15 samples)
- TCL pesticides (11 of 15 samples)
- TCL herbicides (11 of 15 samples)
- PCBs (11 of 15 samples)
- TAL metals, including mercury and cyanide (15 of 15 samples)
- PFAS (11 of 15 samples)
- Asbestos (1 of 15 samples)
- 1,4 Dioxane (14 of 15 samples)

A master sample log that includes sample identification is presented in **Table 1**.

3.2.2.2 Test Pit – Native Soil Sampling

Native soil samples were collected from the majority of test pits, based on the approved RIWP. Of the 15 test pits advanced, a total of 13 native soil samples were collected. To assess the impact of HFM and / or Site operations on the underlying native soil, soil samples were generally collected from the upper portion of the native material, at least one foot below the observed HFM (to prevent comingling of the HFM and native soil). The native soil samples were collected and analyzed for the following:

- TCL VOCs (6 of 13 samples)
- TCL SVOCs (13 of 13 samples)
- TCL pesticides (10 of 13 samples)
- TCL herbicides (10 of 13 samples)
- PCBs (10 of 13 samples)

- TAL metals, including mercury and cyanide (13 of 13 samples)
- PFAS (10 of 13 samples)
- Asbestos (1 of 13 samples)
- 1,4 Dioxane (13 of 13 samples)

A master sample log is presented as **Table 1**.

3.3 Groundwater Characterization

3.3.1 Well Construction

To characterize groundwater conditions at the Site, four groundwater monitoring wells were installed. The wells were distributed across the Site, as shown in **Figure 8** and **Figure 9**. MW-101 through MW-104 were installed in July 2025 based on locations shown in the approved RIWP.

A rotary drill was used to advance 4-1/4-inch inner diameter hollow stem augers. The wells were constructed to intersect the top of the water table. Each well (with the exception of MW-104) was completed with approximately 10 feet of 2-inch Schedule 40 0.010-slot well screen. MW-104 was set at 15 feet bgs, slightly deeper than the other three wells, therefore it was completed with 11 feet of 2-inch Schedule 40 0.010-slot well screen to ensure the screen intercepted the water table. connected to an appropriate length of schedule 40 polyvinyl chloride (PVC) well riser to complete the well. The annulus was sand packed with quartz sand to approximately 0.5 to 2 feet above the screened section and 1.5 feet of bentonite chips or pellets was placed above the sand. The remaining annulus was backfilled with soil cuttings to ground surface. Each well was completed with a flush-mount protective casing. Well construction logs are included in **Appendix B**.

3.3.2 Well Development & Sampling

After a minimum of 24-hours following installation, the monitoring wells were developed using a peristaltic pump capable of low-flow pumping techniques (0.1 – 0.5 L/min). An in-line water quality measurement device with an equipped flow through cell (Horiba U-52-2) was used during well development to monitor pH, temperature, dissolved oxygen (DO), conductivity, oxidation / reduction potential (ORP), and turbidity. Water levels were measured periodically throughout well development to establish stabilization criteria for drawdown. Data on pumping rate, drawdown, and water volume required to meet parameter stability was used during well purging and sampling activities. The well development continued until:

- A minimum of three well volumes were removed to promote the infiltration of new groundwater through the well screen; and
- Field parameters stabilized. Conditions were considered to be stabilized when water quality readings recorded from three consecutive recordings were within the following tolerances:

Table 3-1: Groundwater Stabilization Criteria

Parameter	Units	Stabilization Criteria
pH	Standard Units	± 0.1
Conductivity	mS/cm	3%
Turbidity	NTU	10% or < 10 NTU
D.O.	mg/L	10% or < 0.5 mg/L
Temperature	°F / °C	3%
ORP	mV	± 10

The flow rate observed during well development and sampling was 200-400 mL/min. The data on pumping rates, drawdown, water volume, and water quality were documented on the field sheets provided in **Appendix B**.

3.3.3 Groundwater Sampling

Groundwater sampling was conducted immediately following well development using low-flow purging and sampling techniques. Before purging the wells, water levels were measured using an electric water level sounder capable of measuring to the 0.01-foot accuracy. A peristaltic pump was utilized. According to the equipment supplier, the pumping system, when fitted with high-density polyethylene (HDPE) tubing, does not contain materials that could affect PFAS sampling results. Calibration, purging and sampling procedures were performed as specified by the United States Environmental Protection Agency (USEPA) and NYSDEC¹ for low-flow and emerging contaminant sampling. Calibration times, purging volumes, water levels and field measurements were recorded in a field log included in **Appendix B**.

The first round of groundwater sampling was completed on July 30 and July 31, 2025. The second round of groundwater sampling was completed on October 21, 2025.

Groundwater samples were collected from all wells during both events and analyzed for the following:

- TCL VOCs
- TCL SVOCs
- TCL pesticides
- TCL herbicides
- PCBs
- Total TAL metals, including mercury and cyanide
 - If turbidity was above 50 nephelometric turbidity units (NTU), the sample was analyzed for dissolved TAL metals

¹ U.S. EPA Region 1 Low Stress (low-flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, September 19, 2017.
NYSDEC Guidelines for Sampling and Analysis of PFAS, January 2020.

- PFAS
- 1,4 Dioxane

A master sample log is presented as **Table 1**.

3.4 Soil Vapor Sampling

Soil vapor sampling was performed across the Site to determine if there is a potential for soil vapor intrusion into future Site buildings and if there is potential for soil vapor to impact off-site receptors. The sampling was performed consistent with the New York State Department of Health (NYSDOH) *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006, and applicable updates. Six soil vapor implants were positioned near the periphery of the Site to assess the potential for on-site or off-site impacts / migration. Soil vapor intrusion sampling locations are shown on **Figure 10**.

3.4.1 Soil Vapor Implant Installation

Six semi-permanent soil vapor monitoring points were installed across the site. The soil vapor implants were installed using direct-push methods. Continuous soil sampling was conducted at each location using Geoprobe® Systems' Macro-Core® soil samplers, to create a nominal 2.25-inch diameter borehole. The direct-push borings were terminated at the target depth of the vapor implant placement. As consistent with NYSDOH guidance, the vapor implants were positioned to allow collection of vapor samples at depths comparable to the depths of nearby foundation footings (normally +/- five feet in depth), or at least 12 inches above the water table, if groundwater is present at a depth less than six feet bgs. The groundwater depth was determined based upon static water levels recorded in nearby wells.

Following creation of the borehole, the vapor implants were placed at the target sampling depth. For purposes of this Site, the borings were advanced to a depth of two to five feet bgs (since groundwater was observed less than 6 feet bgs) and the vapor implants were installed at depths ranging from 2 to 4.5 feet below grade. Each implant consisted of a six-inch long vapor implant with stainless steel mesh / screen. Polyethylene tubing was affixed to the top of the stainless-steel screen and extended to the ground surface. The borehole annulus below, surrounding, and to twelve inches above the top of the screen was filled with 00N sand to create an inert, porous vapor sampling zone. The remainder of the borehole annulus was filled with a bentonite slurry to minimize outdoor air from entering the sampling zone. Each vapor implant was completed with a flush-mount protective casing. Vapor implant construction logs are provided in **Appendix C**.

Following installation, a certified clean Summa™ canister (6-Liter capacity) equipped with a laboratory calibrated regulator was connected to the tubing to collect the sample over a 4-hour period.

3.4.2 Ambient Air Sampling

One ambient air sample was collected using a Summa™ canister (6-Liter capacity) equipped with critical orifice flow regulation devices calibrated to allow an air sample to be collected over a 4-hour sampling period. The sampling device was located at the upwind side of the Site and was placed approximately three to five feet off the ground for sample collection purposes.

3.4.3 Sample Canister Deployment and Retrieval

For the soil vapor and outdoor air sampling locations described above, Summa™ canisters (6-Liter capacity) were deployed and retrieved as described below:

- Sample canisters were labeled with a unique sample designation number. The sample number and location were recorded on the field log.
- The canister vacuum was measured using an integrated vacuum gauge immediately prior to canister deployment and recorded on the field log. The critical orifice flow controller was installed, as supplied by the laboratory, on the canister; the canister was opened fully at the beginning of sample collection period; and the start time was recorded.
- The canister vacuum was measured and recorded immediately prior to canister retrieval at the end of the sample period. Once the vacuum was measured, the canister valve was closed fully at the end of the sample period by disconnecting the regulator from the canister (after 4-hours) and the end time was recorded. At the end of sampling, at least one inch of vacuum was left in the canister to meet data quality objectives.
- The canisters were returned to their sampling boxes for safe storage and shipping. Field data was verified as correctly entered into field books prior to shipment and the canisters were shipped to the laboratory under a chain-of-custody.
- Each sample was analyzed for VOCs via USEPA Compendium Method TO-15.

A master sample log is presented as **Table 1**.

3.5 Investigation Derived Waste

Soil cuttings with no apparent staining, odors, or elevated PID readings were used to backfill boreholes. Purged groundwater was placed in steel 55-gallon drums with closed tops. Drums were properly labeled and sealed and will be characterized as necessary for disposal.

Discarded personal protective equipment (PPE), paper towels, plastic bags, disposable sampling equipment (i.e., groundwater development and sample tubing, bailers), and other general refuse was placed in sealed plastic garbage bags and disposed of as municipal solid waste.

3.6 Community Air Monitoring

Community air monitoring was conducted to ensure that airborne contaminants were not leaving the project site and affecting adjacent, downwind areas. Air monitoring was conducted during active invasive activities periods, such as test pit advancement, well installation, and soil vapor implant installation. The monitoring included dust and VOC screening.

VOC concentrations were monitored using a PID and particulate matter (PM)-10 concentrations were monitored using a real-time particulate monitor (DustTrak) at upwind and downwind locations, depending on the work area and wind direction. The monitors were moved throughout the day as needed, as winds shifted direction. The monitors were calibrated each day. The action threshold established in the Community Air Monitoring Plan (CAMP) was 5 ppm above background for VOCs and 100 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) above background for PM-10, during a 15-minute average.

No action level exceedances for VOCs or PM-10 were recorded during RI field activities. Therefore, no mitigation measures, work stoppages, or corrective actions were required in response to community air monitoring results.

Community air monitoring was conducted in accordance with the CAMP provided in the approved RIWP. An updated CAMP prepared by C&S is attached as **Appendix D**.

Daily CAMP reports were provided to NYSDEC and NYSDOH project managers. The reports consisted of figures showing work zones and monitoring stations and CAMP data.

3.7 Quality Assurance / Quality Control / Data Usability

Quality Assurance / Quality Control (QA / QC) samples were collected based on the following minimum number of samples per media type, as defined in the RIWP and project-specific Quality Assurance Project Plan (QAPP). The project-specific QAPP was provided in the approved RIWP. An updated QAPP prepared by C&S is attached as **Appendix E**.

- Soil samples
 - Blind duplicate – 5% (2 total)
 - Matrix Spike / Matrix Spike Duplicate (MS / MSD) – 5% (2 total)
- Groundwater samples
 - Trip blank – 1 per shipment (3 total)
 - Field blank – 1 per PFAS sampling event (2 total)
 - Blind Duplicate – 5% (2 total)
 - MS / MSD – 5% (2 total)

A total of 44 soil samples were collected during the RI activities, and six QA/QC samples were taken (two blind duplicates and two MS / MSD), meeting the 5% criteria. Over two groundwater

sampling events, a total of eight groundwater samples were collected with an additional 11 QA / QC samples, including two blind duplicates, two field blanks, three trip blanks, and two MS / MSD, also meeting the 5% criteria.

A third-party data consultant, Vali-Data of WNY, LLC, prepared the Data Usability and Summary Report (DUSR) as required by DER-10 Section 2.2, and as reflected in the RIWP. The DUSR is included as **Appendix F**. The following items were reviewed:

- Laboratory Narrative Discussion
- Custody Documentation
- Holding Times
- Surrogate Standard Recoveries
- Matrix Spike Recoveries / Duplicate Recoveries
- Blind Field Duplicate Correlations
- Preparation/calibration Blanks
- Laboratory Control Samples (LCSs)
- Calibration/Low Level Standards
- ICP Serial Dilution
- Instrument MDLs
- Sample Result Verification

Pace Analytical Services, LLC, a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory, performed the analytical testing. The laboratory results for the samples were reported in an Analytical Services Protocol (ASP) Category B deliverables package to facilitate validation of the data, and a third-party validator reviewed the laboratory data and prepared the DUSR. The validator evaluated the analytical results for the field samples and quality assurance / quality control samples and compared the findings to USEPA guidance to determine the accuracy and validity of the results.

Details regarding RI activities are submitted to NYSDEC in monthly progress reports and will be included in the Final Engineering Report. In addition, a RI Results Memo was submitted to the Department on September 8, 2025. All data submitted to the NYSDEC was in approved electronic data deliverable (EDD) format.

3.8 Deviations from the Remedial Investigation Work Plan (RIWP)

On June 12, 2025, C&S proposed revisions to the approved June 2022 RIWP in a Supplemental RIWP to address any outdated information and to ensure alignment with current Site conditions. NYSDEC approved the proposed RIWP revisions on June 18, 2025. Deviations from the RIWP are outlined below:

- Surface soil sample SS-103 was shifted approximately 25 feet north and surface soil sample SS-104 was shifted approximately 40 feet northeast to be in an accessible location by the on-site debris pile.
- Surface soil sample SS-107 was shifted approximately 15 feet northeast due to dense vegetation.
- Test pit TP-101 was shifted approximately 8 feet southeast to be further away from the

property line and the adjoining owner's driveway.

- Test pit TP-102 was shifted approximately 45 feet southeast and test pit TP-105 was shifted approximately 35 feet northwest to be in an accessible location by the on-site debris pile.
- Test pit TP-106 was shifted approximately 25 feet west to avoid a steep slope to the east.
- Test pit TP-109 was shifted approximately 12 feet northwest due to dense vegetation.
- Test pit TP-111 was shifted approximately 8 feet northeast due to an infiltration test in the original location.
- Monitoring well MW-101 was shifted approximately 10 feet and monitoring well MW-103 was shifted approximately 19 feet northwest due to dense vegetation.
- Monitoring well MW-104 was shifted approximately 25 feet west to avoid a steep slope to the east.
- Soil vapor point SV-102 was shifted approximately 14 feet northwest and soil vapor point SV-104 was shifted approximately 9 feet east due to dense vegetation.
- Soil vapor point SV-103 was shifted approximately 11 feet northeast to be further away from the previously excavated TP-110.
- Soil vapor point SV-105 was shifted approximately 25 feet southwest to avoid a steep slope to the east.
- Due to shallow groundwater, soil vapor implants could not be set at 5 feet below grade. Instead, the implants were set 12 inches above the groundwater table in accordance with the recommendations provided in the NYSDOH Soil Vapor Intrusion Guidance document. SV-105 was set at 4.5 feet below grade but was impacted by groundwater intrusion; therefore, the sample could not be analyzed by the laboratory.

As shown in the **Figures**, the RI included a high density of test pits, monitoring wells, and soil vapor implants, and a significant number of sampling locations. The deviations from the RIWP did not negatively impact the outcome of the RI.

4.0 FINDINGS

4.1 Geology and Hydrogeology

4.1.1 Site Geology

The Site contains a surficial cover of topsoil, generally less than 1.5 feet thick, underlain by varying thicknesses of HFM. HFM was observed in the majority test pits and soil borings advanced during the RI and Phase II ESAs, with thicknesses ranging from approximately 0.5 to 5.5 feet bgs. The HFM contains coal, cinders, brick, concrete, slag, asphalt, wood, and other building materials.

Underlying the fill, stiff reddish brown lean clay with medium plasticity was encountered consistently across the Site at depths ranging from approximately 2 to 6 feet bgs. Below this layer, a hard gravelly lean clay was observed and was interpreted to be glacial till or highly weathered bedrock. Test pits and soil borings were generally terminated on refusal within the glacial till layer at depths ranging from 5.5 to 7 feet bgs.

According to Geologic Map of New York, bedrock at the Site consists of the Vernon Formation of the Upper Silurian age. The primary rock type is shale. The GHD Phase II ESA indicated “red weathered shale bedrock” was encountered from 5.5 to 8 feet bgs; however, both the C&S RI and Benchmark Phase II ESA classified this layer as a hard lean clay (interpreted to be glacial till or highly weathered bedrock) rather than competent bedrock.

A map showing the distribution of HFM thickness and depth to native clay across the Site is presented as **Figure 4**.

4.1.2 Site Hydrogeology

The Site is located in the Oswego River / Finger Lakes major drainage basin, south of Oneida Lake. Regional groundwater flow is to the northeast. The Site is south of Oneida Lake and most major rivers within the Finger Lakes major drainage basin flow northerly, with an ultimate discharge to Lake Ontario. Groundwater is present within the HFM at depths between 3 and 5 feet bgs across the Site. The Site is located at approximately 432 feet above mean sea level (AMSL) and slopes downward slightly to the north. Regional groundwater is to the northeast towards Pools Brook (formerly the Erie Canal), which is adjacent to the Site. However, local groundwater flow may be influenced by subsurface features, such as excavations, utilities, and localized fill-conditions.

The Site is located in the Village of Canastota, Oneida County, which is served by the municipal water supply system operated by the Onondaga County Water Authority (OCWA). Potable water processed by OCWA undergoes treatment to ensure compliance NYSDEC and USEPA drinking water standards. Groundwater within the municipal service area is not utilized as a public drinking water source.

Table 4-1 presents water level measurements and **Figure 9a** and **Figure 9b** present groundwater

contours at the site. Groundwater contours were generally the same across the two sampling events and indicate a generally northeasterly flow direction. On average, the groundwater table was approximately 0.25 to 0.75 feet higher in July as compared to October, due to October being a drier month than July. The average groundwater gradient was 0.0074 feet per foot in July and 0.0053 feet per foot in October.

Table 4-1: Groundwater Elevations

Well No.	Ground Elevation (ft AMSL)	PVC Elevation (ft AMSL)	Depth (ft BTOR)	Elevation (ft AMSL)	Depth (ft BTOR)	Elevation (ft AMSL)
Date	--	--	<i>July 2025</i>		<i>October 2025</i>	
MW-101	428.18	427.91	3.07	424.84	3.37	424.54
MW-102	426.99	426.62	3.07	423.55	3.30	423.32
MW-103	427.37	427.06	4.40	422.66	5.15	421.91
MW-104	427.79	427.40	3.62	423.78	3.60	423.80

Table Notes:

- Survey performed by Passero Associates on October 2, 2025 using a RTK GPS on the NYS Network.
- Elevations tied to North American Vertical Datum (NAVD) 88.
- All units in feet.
- BTOR – Below top of riser
- AMSL – Above mean sea level

4.2 Field Observations

Throughout the Site, surface and subsurface soil did not exhibit evidence of contamination, such as staining, odors, or elevated PID measurements. Evidence of impacts was limited to the presence of HFM across the Site.

Throughout the Site, groundwater did not exhibit evidence of contamination, such as sheens, free product, odors, or elevated PID measurements. Well headspace PID measurements ranged from non-detect to 0.6 ppm, with the highest readings at MW-103. An organic odor (likely hydrogen sulfide) was also observed emanating from MW-103.

4.3 Analytical Results

The following sections summarize and discuss the analytical results generated during the RI. Soil, groundwater, and soil vapor were collected for chemical analysis to determine the magnitude and extent of potential contamination occurring in various media at the Site. A summary of the RI sampling program, including the number and type of QA / QC samples, is presented in **Table 1**.

For discussion purposes, this data was compared with the Standards Criteria and Guidance values (SCGs) applicable to each medium sampled, and included:

- Soil: NYSDEC's 6 NYCRR Part 375 Environmental Remediation Programs: Part 375-6.8: UR SCOs, PGW SCOs, and RR SCOs and NYSDEC's April 2023 *Sampling, Analysis, and*

Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs.

- Groundwater: NYSDEC's June 1998 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations in the TOGS 1.1.1 and NYSDEC's April 2023 *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs*.
- Soil Vapor: NYSDOH's October 2006 Final Guidance for Evaluating Soil vapor Intrusion in the State of New York.

Consistent with NYSDEC guidelines, the ASP Category B deliverables are not presented as appendices to the RI Report. The data has been transmitted electronically to the NYSDEC in a format consistent with the EDD Manual. The associated DUSR is included in **Appendix F**.

4.3.1 Surface Soil

A total of 16 surface soil samples were collected across the Site to assess conditions in the vicinity of the building debris, to delineate lead impacts observed in the northern portion of the Site during the Phase II ESA, and to provide spatial representation across the Site. The analytical results are summarized in **Table 2** and **Figure 6** shows the sampling locations and results. **Table 4-2** below summarizes the analytes that exceeded the SCO in surface soil, including the lowest and highest exceedance concentrations.

Table 4-2: Surface Soil – Summary of Exceedances

Analyte	Samples with Detections above SCOs			UR SCO (ppm)	RR SCO (ppm)	PGW SCO (ppm)	Low Concentration (ppm)	High Concentration (ppm)
	UR	RR	PGW					
VOCs								
Acetone	1		1	0.05	100	0.05	0.054	0.054
SVOCs								
Benzo(a)anthracene		8	8	1	1	1	1	6.2
Benzo(a)pyrene		8		1	1	22	1	6
Benzo(b)fluoranthene		8	5	1	1	1.7	1.3	7.8
Benzo(k)fluoranthene	3		1	0.8	3.9	1.7	1.4	2.4
Chrysene	6	1	7	1	3.9	1	1.2	5.8
Dibenzo(a,h)anthracene		3		0.33	0.33	1000	0.52	0.85
Indeno(1,2,3-cd)pyrene		8		0.5	0.5	8.2	0.64	3.6
PCBs								
No PCBs were detected at concentrations that exceeded SCOs.								
Pesticides								
4,4'-DDD	1			0.0033	13	14	0.0165	0.0165
4,4'-DDE	1			0.0033	8.9	17	0.0331	0.0331

Analyte	Samples with Detections above SCOs			UR SCO (ppm)	RR SCO (ppm)	PGW SCO (ppm)	Low Concentration (ppm)	High Concentration (ppm)
	UR	RR	PGW					
4,4'-DDT	3			0.0033	7.9	136	0.0053	0.0131
Herbicides								
No herbicides were detected at concentrations that exceeded SCOs.								
Metals								
Arsenic	1	2	2	13	16	16	13.6	34.8
Barium	1			350	400	820	351	351
Copper	2			50	270	1720	72	89.8
Lead	7			63	400	450	63.7	340
Mercury	1	1	1	0.18	0.81	0.73	0.247	1.15
Zinc	2			109	10000	2480	135	231
PFAS								
Perfluorooctanesulfonic Acid (PFOS)	2		2	0.88	44	1	1.14	1.53
Perfluorooctanoic Acid (PFOA)	1		1	0.66	33	0.8	0.93	0.93
Asbestos								
No asbestos fibers were detected in the samples submitted.								

Table Notes:

- PFAS guidance values and concentrations are displayed in parts per billion (ppb).
- Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene concentrations at SS-101 were below UR SCOs in the parent sample and above RR SCOs in the associated duplicate sample (DUP-01). Similarly, arsenic concentrations at SS-101 exceeded UR SCOs in the parent sample but exceeded RR SCOs in the associated duplicate sample (DUP-01).
- UR = Unrestricted Use SCOs
- RR = Restricted Residential Use SCOs

Surface soils were not collected during the Phase II ESAs for comparison purposes.

4.3.2 Test Pit Soil Sampling

A total of 28 samples were collected from 15 general site-wide test pit locations. Out of the 28 samples, 15 HFM samples were collected and 13 native soil samples were collected. **Table 3** summarizes the analytical results and **Figure 7a** and **Figure 7b** show the sampling locations and results.

4.3.2.1 Test Pit – HFM Sampling

A total of 15 HFM samples were collected from the 15 general site-wide test pit locations, as shown on **Figure 7a**. Each sample was analyzed for the list of analytes outlined in **Section 3.2.2.1**.

Table 4-3 below summarizes the analytes that exceeded the SCOs, including the lowest and highest exceedance concentrations. **Table 3** attached to the rear of this report summarizes the analytical results.

Table 4-3: Test Pits – HFM Summary of Exceedances

Analyte	Samples with Detections above SCOs			UR SCO (ppm)	RR SCO (ppm)	PGW SCO (ppm)	Low Concentration (ppm)	High Concentration (ppm)
	UR	RR	PGW					
VOCs								
No VOCs were detected at concentrations that exceeded SCOs.								
SVOCs								
Benzo(a)anthracene		10	10	1	1	1	1.2	12
Benzo(a)pyrene		10		1	1	22	1.2	11
Benzo(b)fluoranthene		12	8	1	1	1.7	1	14
Benzo(k)fluoranthene	7		2	0.8	3.8	1.7	0.84	3.8
Chrysene	8	2	10	1	3.9	1	1.1	12
Dibenzo(a,h)anthracene		7		0.33	0.33	1000	0.4	1.6
Indeno(1,2,3-cd)pyrene		10		0.5	0.5	8.2	0.69	7.4
PCBs								
Total PCBs	1			0.1	1	3.2	0.427	0.427
Pesticides								
4,4'-DDD	1			0.0033	13	14	0.0053	0.0053
4,4'-DDE	4			0.0033	8.9	17	0.00834	0.0329
4,4'-DDT	4			0.0033	7.9	136	0.00958	0.0463
Herbicides								
No herbicides were detected at concentrations that exceeded SCOs.								
Metals								
Arsenic	1	1	1	13	16	16	14.5	42.4
Copper	3			50	270	1720	58.4	89.2
Lead	8			63	400	450	67.1	203
Mercury	5			0.18	0.81	0.73	0.181	0.615
Zinc	6			109	10000	2480	114	157
PFAS								
Perfluorooctanesulfonic Acid (PFOS)	3		3	0.88	44	1	1.03	2.16
Perfluorooctanoic Acid (PFOA)	1		1	0.66	33	0.8	0.911	0.911
Asbestos								
No asbestos fibers were detected in the samples submitted.								

Table Notes:

- PFAS guidance values and concentrations are displayed in parts per billion (ppb).
- Arsenic concentrations at TP-105 were below Unrestricted Use SCOs in the parent sample and above UR Use SCOs in the associated duplicate sample (DUP-02).
- Table does not include Phase II ESA data
- UR = Unrestricted Use SCOs
- RR = Restricted Residential Use SCOs

The types and concentrations of SVOCs observed in the HFM during the RI were generally consistent with those observed during the Phase II ESAs. Metal concentrations observed during

the Phase II ESA were generally higher than those observed during the RI. The analytical data collected during the Phase II ESAs is summarized in **Table 6** and presented on **Figure 7a**.

4.3.2.2 Test Pit – Native Soil Sampling

A total of 13 native soil samples were collected from the 15 general site-wide test pits, as shown on **Figure 7b**. Each sample was analyzed for the list of analytes outlined in **Section 3.2.2.2**.

Table 4-4 below summarizes the analytes that exceeded the SCOs, including the lowest and highest exceedance concentrations. **Table 3** summarizes the analytical results.

Table 4-4: Test Pits – Native Soil Summary of Exceedances

Analyte	Samples with Detections above SCOs			UR SCO (ppm)	RR SCO (ppm)	PGW SCO (ppm)	Low Concentration (ppm)	High Concentration (ppm)
	UR	RR	PGW					
VOCs								
No VOCs were detected at concentrations that exceeded SCOs.								
SVOCs								
No SVOCs were detected at concentrations that exceeded SCOs.								
PCBs								
No PCBs were detected at concentrations that exceeded SCOs.								
Pesticides								
No pesticides were detected at concentrations that exceeded SCOs.								
Herbicides								
No herbicides were detected at concentrations that exceeded SCOs.								
Metals								
Copper	1			50	270	1720	52.7	52.7
Lead	1			63	400	450	178	178
Mercury	1			0.18	0.81	0.73	0.345	0.345
PFAS								
Perfluorooctanesulfonic Acid (PFOS)	1		1	0.88	44	1	1.32	1.32
Asbestos								
No asbestos fibers were detected in the samples submitted.								

Table Notes:

- PFAS guidance values and concentrations are displayed in parts per billion (ppb).
- UR = Unrestricted Use SCOs
- RR = Restricted Residential Use SCOs

Native soils were not collected during the Phase II ESAs for comparison purposes.

4.3.3 Groundwater

Two groundwater sampling events took place on July 30-31, 2025 and October 21, 2025. Groundwater samples were collected from four groundwater monitoring wells installed during the RI. As previously detailed in **Section 3.3.3**, the groundwater samples were analyzed for a combination of TCL VOCs, TCL SVOCs, pesticides, herbicides, PCBs, TAL metals, total mercury, total cyanide, 1,4-dioxane, and PFAS.

Table 4 attached to the rear of this report, summarizes the analytical results for the groundwater samples, and the locations of monitoring wells are depicted on **Figure 8**.

VOCs

VOC concentrations did not exceed TOGS standards during the first round of sampling. During the second round of sampling, the concentration of acetone (79 parts per billion [ppb]) and p-isopropyltoluene (29 ppb) in MW-103 exceeded the TOGS standards of 50 ppb and 5 ppb, respectively.

SVOCs

Benzo(a)anthracene concentrations exceeded TOGS standards at each well during the first round of sampling. During the second round of sampling, concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene exceeded TOGS standards in the duplicate sample collected from MW-101 but were below laboratory detection limits in the parent sample. Each of these contaminants are subject to very low TOGS standards, either 0.002 ppb or non-detect. In each case of an exceedance, the contaminants were detected at concentrations of 0.11 ppb or less.

The concentration of phenol (1.3 ppb) marginally exceeded TOGS standards (1 ppb) at MW-103 during the second round of sampling but was below laboratory detection limits during the first round of sampling.

Pesticides

Pesticides were not detected at concentrations greater than laboratory detection limits during either round of groundwater sampling, with the exception of endrin ketone which was detected in MW-103 during the first round of sampling. The concentration was well below the TOGS standard.

Herbicides

Herbicides were not detected at concentrations greater than laboratory detection limits or TOGS standards during either round of groundwater sampling.

PCBs

PCBs were not detected at concentrations greater than laboratory detection limits or TOGS standards during either round of groundwater sampling.

Metals

Groundwater across the Site contained naturally occurring minerals including iron, magnesium, manganese, and sodium at concentrations exceeding TOGS standards. These minerals are common in groundwater across New York State and likely reflect regional conditions. Dissolved metals were only analyzed in MW-101 during the second sampling event due to groundwater turbidity exceeding 50 NTU. The concentrations of each of these are summarized below:

Table 4-5: Groundwater – Naturally-Occurring Metals Summary of Exceedances

Analyte	Wells Exceeding TOGS	Sampling Round(s)	Notes on Dissolved Fraction in MW-101 (Round 2)
Iron	All wells	Both rounds	Dissolved iron did not exceed the TOGS standard
Magnesium	MW-102, MW-103, MW-104 All wells	Round 1 Round 2	Dissolved magnesium did exceed the TOGS standard
Manganese	MW-103	Round 2	NA
Sodium	MW-103, MW-104 MW-101, MW-103, MW-104	Round 1 Round 2	Dissolved sodium did exceed the TOGS standard

PFAS

PFAS data was compared to the following guidance values:

- Perfluorooctanoic acid (PFOA) – 6.7 parts per trillion (ppt)
- Perfluorooctanesulfonic acid (PFOS) – 2.7 ppt

As a result of comparing the groundwater data to these values, the following was noted:

- PFOA and PFOS concentrations at MW-102 marginally exceeded the NYSDEC standards during the second round of sampling. The concentrations were 6.71 and 2.94 ppt, respectively.
- The PFOS concentration at MW-101 exceeded the NYSDEC standard during both rounds of sampling. The concentrations ranged from 8.1 to 8.8 ppt.

4.3.4 Soil Vapor

Six soil vapor samples and one outdoor air sample were collected. Four samples were collected from soil vapor implants to assess the potential for on-site or off-site migration. The outdoor air

sample was collected at an exterior up-wind location. Due to shallow groundwater, soil vapor implants were set two to three feet below the ground surface, with the exception of SV-105 which was set at 4.5 feet bgs. The sample collected from SV-105 could not be analyzed due to the presence of groundwater in the sample canister. The remaining samples were analyzed for VOCs. The NYSDOH document: *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006 (as amended), states that soil vapor sampling results should be reviewed as a whole, in combination with the results of other environmental sampling, to identify trends and variations in the data. It also indicates that, to put perspective on the data, soil vapor results should be compared to background outdoor air levels, site-related outdoor and indoor air sampling results, and the NYSDOH's guidelines for VOCs in air.

As there are currently no buildings present on the Site, the soil vapor data cannot be evaluated using the NYSDOH soil vapor decision matrices. The soil vapor results are presented for informational purposes only and are discussed qualitatively to identify the presence and general distribution of detected VOCs in soil vapor. However, it should be noted that the concentrations of the detected compounds were below the lowest sub-slab tier of the NYSDOH Decision Matrix.

Detected VOCs included: 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 2-Butanone, 2-Hexanone, 4-Ethyltoluene, Acetone, Benzene, Carbon disulfide, Chloroform, Chloromethane, Cyclohexane, Ethanol, Ethylbenzene, Heptane, n-Hexane, o-Xylene, p/m-Xylene, Tertiary butyl Alcohol, Toluene, and Trichlorofluoromethane. The soil vapor data may be used as baseline information for future site evaluations should buildings be constructed and a complete vapor intrusion exposure pathway become potentially applicable.

Table 5 attached to the rear of this report summarizes the VOC results. **Figure 10** shows the sample locations.

4.4 Community Air Monitoring Results

C&S performed air monitoring at all times when ground intrusive activities were being conducted as per the RIWP and CAMP. Community air monitoring was conducted in accordance with the CAMP provided in the approved RIWP. An updated CAMP prepared by C&S is attached as **Appendix D**. The action levels for VOCs and PM-10 (dust) were not exceeded during the course of the investigation.

Throughout the duration of the RI, Daily CAMP reports were submitted to NYSDEC and NYSDOH. Air monitoring logs were included in these reports.

4.5 Green Remediation Evaluation

Best Management Practices (BMPs) were implemented throughout the RI to best achieve the green remediation concepts described within NYSDEC DER-31. The following BMPs were identified in the RIWP for implementation:

- **Minimize Mobilizations** – All of the RI activities were completed within one mobilization to avoid transporting the backhoe / equipment trailer to and from Site multiple times.
- **No Idling of Equipment** – All equipment (backhoe, cars, trucks, etc.) was shut down when not in use.
- **On-site Waste Recycling** – Soil cuttings that did not exhibit evidence of contamination were put back in place. Soil cuttings generated during monitoring well installation also did not exhibit evidence of contamination and were spread in the general vicinity of the installed well.
- **Waste Storage Containers** – Cleaned, reclaimed 55-gallon drums were used for the collection and storage of purged groundwater. Approximately 50 gallons of purge water was generated during the RI. The water will be characterized and disposed of at an off-site facility.
- **Sustainable Laboratory Practices** – C&S utilized a lab shipping service, rather than shipping samples independently to the lab. C&S submitted samples to Pace, which implements the following sustainable practices:
 - Recycles paper products and shipping materials.
 - Uses energy-efficient lighting and other equipment.
 - Maintains a paperless reporting and invoicing program.
 - Minimizes waste through use of EPA-approved microscale methods.
- **Monitoring Equipment** – Rechargeable Battery-Powered Equipment such as CAMP equipment (PIDs, DustTraks, Thaimis Antenna), and any other battery-operated equipment was charged at the C&S facility. C&S estimated in 2024 that 28% of the electricity used at their facility is generated on-site through use of solar panels. This practice reduced the load on the electrical grid and allowed for the use of renewable energy sources, indirectly minimizing the use of fossil fuels and reducing the generation of greenhouse gas emissions.

5.0 CONTAMINANT ASSESSMENT

5.1 Nature, Extent, and Source of Contamination

5.1.1 Surface Soil

During the RI, sixteen surface soil samples were spatially distributed across the Site and were collected to assess conditions in the vicinity of the building debris, to delineate lead impacts observed in the northern portion of the Site during the Phase II ESA from 2 to 2.5 feet bgs, and to provide spatial representation across the Site. The samples were collected from 0 to 2 inches below grade. Surface soil samples were not collected during the Phase II ESAs.

Table 4-2 summarizes the contaminants that exceeded the SCOs in this soil, including the lowest and highest exceedance concentrations. **Table 2** attached to the rear of this report provides analytical results compared to SCOs for each sample and **Figure 6** show the sampling locations and results. The following table identifies the contaminants detected in soil above RR SCOs.

Table 5-1: Detected Contaminants in Surface Soil

VOCs	SVOCs	PCBs	Herbicides	Pesticides	Metals	PFAS
None	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Chrysene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene	None	None	None	Arsenic Mercury	None

The Site contains a surficial cover of topsoil, generally less than 1.5 feet thick, underlain by HFM observed across most of the property. The HFM ranges from approximately 0.5 to 5.5 feet bgs and consists of coal, cinders, brick, concrete, slag, asphalt, wood, and other building materials.

The presence of HFM and the observed soil impacts are consistent with the Site's long history of industrial and manufacturing operations dating back to the late 1800s. Historical handling of coal, paints, varnishes, and solvents, combined with the disturbance of the natural soil profile through grading and the placement of unregulated fill materials, likely contributed to the observed contamination. Soils at the Site are classified as cut and fill land, reflecting the extensive alteration of native conditions. Multiple rail spurs historically traversed the property to support furniture manufacturing and coal delivery, and the storage and handling of coal further contributed to impacts observed in Site soils.

5.1.2 Subsurface Soil

5.1.2.1 HFM

During the RI, a total of 15 test pits were excavated and 15 HFM samples were collected from general site-wide test pit locations from 1 to 4 feet bgs. During the Benchmark Phase II ESA, a total of 19 test pits were excavated and eight HFM samples were collected from 1 to 4 feet bgs. During the GHD Phase II ESA, a total of five soil borings were advanced and three HFM samples were collected from 0 to 6 feet bgs.

Table 4-3 summarizes the contaminants that exceeded the SCOs in HFM during the RI, including the lowest and highest exceedance concentrations. **Table 3** provides analytical results compared to SCOs for each sample collected during the RI and **Table 6** provides analytical results compared to SCOs for each sample collected during the Phase II ESAs. **Figure 7a** shows the sampling locations and results. The following table identifies the contaminants detected in the soil above RR SCOs.

Table 5-2: Detected Contaminants in Sub-Surface Soil

VOCs	SVOCs	PCBs	Herbicides	Pesticides	Metals	PFAS
None	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene	None	None	None	Arsenic Barium Lead Mercury	None

The Site is underlain by HFM observed across majority of the property. The HFM ranges from approximately 0.5 to 5.5 feet bgs and consists of coal, cinders, brick, concrete, slag, asphalt, wood, and other building materials.

The variability in analyte concentrations within the HFM across the Site indicates that the observed contamination is attributable to the heterogeneous nature of the fill materials, with no discrete contaminant source identified on-site or off-site. As stated in **Section 5.1.1**, the presence of HFM and the observed impacts are consistent with the Site's long history of industrial operations, including coal handling and delivery via multiple rail spurs, and the placement of unregulated fill. These historical activities are considered the primary contributors to the subsurface impacts observed across the Site.

5.1.2.2 Native Soil

During the RI, a total of 15 test pits were excavated and 13 native soil samples were collected from general site-wide test pit locations. The samples were collected from 1 to 7 feet bgs. Native soil samples were not collected during the Phase II ESAs.

Table 4-4 summarizes the contaminants that exceeded the SCOs in native soil, including the lowest and highest exceedance concentrations. **Table 3** attached to the rear of this report provides analytical results compared to SCOs for each sample and **Figure 7b** shows the sampling locations and results. No contaminants exceeded RR SCOs in the native soil. One native soil sample collected from TP-101 contained copper, lead, mercury, and PFOS at concentrations that exceeded UR SCOs.

Native soil consisted of reddish brown lean clay encountered at depths of approximately 2 to 6 feet bgs. Below this layer, a hard gravelly lean clay was observed and was interpreted to be glacial till or highly weathered bedrock. Based on the analytical results, native soil is generally unimpacted by contaminants across the Site.

5.1.3 Groundwater

During the RI, two rounds of groundwater sampling were conducted for the four groundwater monitoring wells. All samples were analyzed for total metals but only the sample collected from MW-101 during the second round of sampling was analyzed for dissolved metals (due to groundwater turbidity being above 50 NTU). The groundwater sample for dissolved metals analysis was not field filtered but instead filtered by the laboratory.

Section 4.3.3 summarizes the contaminants that exceeded TOGS standards. **Table 4** provides analytical results compared to TOGS standards for each sample and **Figure 8** show the sampling locations and results. **Table 5-3** identifies the contaminants detected in the groundwater above TOGS standards.

Table 5-3: Detected Contaminants in Groundwater

VOCs	SVOCs	PCBs	Herbicides	Pesticides	Metals	PFAS
Acetone p-isopropyltoluene	Phenol Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene	None	None	None	Iron ¹ Magnesium ² Manganese Sodium ²	PFOA PFOS

1. Total iron exceeded TOGS standards in MW-101 but dissolved concentrations did not.

2. Both total and dissolved magnesium and sodium exceeded TOGS standards in MW-101.

Exceedances of acetone, p-isopropyltoluene, and phenol were observed at MW-103 during the second round of sampling. The detection of these analytes along with the hydrogen sulfide odor observed at MW-103 suggest reducing / anoxic conditions exist in the groundwater in this area. Under these conditions, the detected analytes can be produced by microbial breakdown of natural organic matter or they can represent residual / weathered constituents from coal-tar, creosote, or petroleum.

PAH groundwater contamination exists across the Site with exceedances of benzo(a)anthracene observed in all wells during the first round of sampling and exceedances of six PAHs observed in the duplicate sample collected from MW-101 during the second round of sampling. In each case, the concentrations were a fraction of a ppb (maximum of 0.11 ppb and majority below 0.1 ppb) and the corresponding TOGS limit is very low (either 0.002 or non-detect).

Exceedances of iron, magnesium, manganese, and sodium were observed across the Site during both rounds of sampling. These metals are typically related to "hard water," are naturally occurring, and in this setting are likely unrelated to site activities.

The concentration of PFOS in MW-101 was 8.1 ppt during the first round of sampling and 8.8 ppt during the second round of sampling (exceeding the limit of 2.7 ppt). The concentration of PFOA and PFOS in MW-102 was 6.71 and 2.94 ppt, respectively, during the second round of sampling only. PFAS was not detected in the equipment blank during the first round of sampling; however, PFOS was detected in the equipment blank during the second round of sampling below standards. MW-101 and MW-102 are located on the western side of the Site and are hydraulically upgradient / cross-gradient of the other on-site monitoring wells. The likely reason for the presence PFAS is not currently understood. Existing groundwater gradient data indicates a northeasterly groundwater flow direction, placing MW-101 and MW-102 hydraulically downgradient of the Canastota Volunteer Fire Department, which may represent a potential off-site source.

5.1.4 Soil Vapor

Although application of the NYSDOH Decision Matrices for sub-slab soil vapor are not deemed to be applicable under current conditions, the soil vapor analytical results indicate that no further action is required based on the NYSDOH decision matrices. The soil vapor data in this report is utilized as baseline information for future site evaluations should buildings be constructed and a complete vapor intrusion exposure pathway become potentially applicable. The testing indicated that numerous VOCs are present in the soil vapor and are expected to emanate from the fill material.

5.2 Contaminant Fate and Transport

The probable fate and transport of contaminants detected on the Site is a function of the properties of the individual contaminants and available pathways for the contaminants to migrate. The Site is currently unoccupied; therefore, the degree to which and the route by which contaminants migrate is dependent on the physical characteristics of the site and the type and

distribution of contaminants. The following sections discuss the probable fate and transport of contaminants in the different types of media at the Site.

Contaminants of concern at the Site are primarily associated with HFM and include SVOCs and metals, found in both surface soils and shallow subsurface soils. Additionally, VOCs, SVOCs, metals associated with "hard water" (iron, magnesium, sodium), and PFOS exceeded TOGS standards.

Acetone and p-isopropyltoluene are present in the groundwater at MW-103. VOCs are not strongly sorbed to soil and will transport through the soil into saturated zones. Due to chemical properties of VOCs, a portion of the VOCs will solubilize in water, while the rest will move upward through the water column and soil until to be released as a vapor. The presence of VOCs in the Site groundwater appear to be associated with the microbial breakdown of natural organic matter or residual / weathered constituents from coal-tar, creosote, or petroleum.

The PAHs detected are characterized by low water solubilities and, therefore, have a tendency to adsorb onto soil particles. Because of their low vapor pressures, compounds with five or more aromatic rings, which include a majority of the detected PAHs, will exist mainly adsorbed to airborne particulate matter, such as fly ash and soot. Those with four or fewer rings, such as benzo(a)anthracene, will occur both in the vapor phase and adsorbed to particles. The detected compounds have relatively low vapor pressures and are expected to remain in a solid or liquid state and undergo degradation via naturally occurring microbes. Due to the low solubility, these contaminants are not expected to impact groundwater quality or migrate substantially into the subsurface. This is supported by the low concentrations of these compounds in the on-site groundwater.

Heavy metals, such as arsenic and mercury, are non-biodegradable pollutants that are generally transported through anthropogenic activities. In contaminated soils, they tend to persist for many years in the surface layers of soil. In aquatic systems, heavy metals may become blocked as sinks in bottom sediments, where they may remain for many years. Metals can be remobilized in water if the pH falls increasing heavy metal solubility increases. Due to the low solubility, these contaminants are not expected to impact groundwater quality or migrate substantially into the subsurface. This is supported by the low concentrations of these compounds in the on-site groundwater. Other metals were present in the groundwater that did exceed groundwater guidance values; these include naturally occurring metals such as iron, magnesium, and sodium. The metals detected at concentrations above the groundwater standards and guidance values appear to be representative of local groundwater quality. Metals do not readily break down and will persist in the environment.

PFAS includes a large group of compounds that vary in molecular weight, structures, and functional groups. They typically repel oil and water, resist extreme temperatures, and reduce friction. Most PFAS detected in the environment, including PFOS and PFOA, have a hydrophobic and lipophobic tail while the head is polar and hydrophilic. As a result, these compounds are relatively mobile in groundwater while also associating with the organic carbon fraction in soil or sediment. PFAS transport processes include advection, dispersion, diffusion, atmospheric

deposition, and leaching. Many PFAS form films at the air-water interface which influences aerosol-based transport, deposition, vadose zone transport, and aqueous phase transport. At high concentrations, some PFAS can form micelles which could enhance or reduce adsorption in the environment. Most PFAS are resistant to biotic and abiotic degradation. PFOS and PFOA were detected in groundwater at concentrations that exceed applicable standards along the western portion of the Site. PFOS and PFOA are mobile, persistent, bioaccumulate, and are not known to degrade in the environment.

5.3 Evaluation of Potential Receptors

The Site is located in a mixed-use industrial and residential area in proximity to the Erie Canal, approximately 5.5 miles south of Oneida Lake. The Site is bounded to the north by the Erie Canal, to the south by industrial and residential properties, to the east by a mixture of vacant parcels and light industrial uses, and to the west by additional industrial and residential development.

The Site is approximately 2.56 acres and is currently vacant and undeveloped. No standing buildings remain on the parcel. The southern portion of the Site contains a large debris pile consisting of brick, wood, metal, and suspect asbestos-containing materials, a remnant of the emergency demolition of a former multi-story industrial building. Additional debris and fill materials, including brick and concrete, are present in mounded piles north of the building debris. Concrete slabs associated with former building foundations remain in the central portion of the Site, and a walkway with a concrete curb extends north from the former building area. The northern portion of the Site is heavily overgrown with vegetation. Groundwater monitoring wells have been installed as part of the ongoing BCP RI.

The Site is not secured by fencing or gates, and no formal access restrictions are in place. Although the combination of overgrown vegetation and scattered building debris provides some physical limitation to movement across the property, the Site remains generally accessible to the public.

Under current conditions, potential human receptors include persons trespassing on the Site; persons living and working in the area surrounding the Site; and persons involved in utility work on and adjacent to the Site. In addition, potential environmental receptors include wildlife living on and migrating through the Site (e.g., rodents, birds, etc.).

The planned future use of the Site is for a mixed use commercial and residential development. The redevelopment of the Site will need to be controlled through the implementation of engineering and institutional controls due to Track 4 cleanup.

5.4 Potential Exposure Pathways

5.4.1 Surface Soil

Under the current use, persons living and working in the vicinity of the Site and / or persons trespassing on the Site could be exposed to SVOCs and metals in the surface soil via inhalation of

airborne particles, incidental ingestion of, or dermal contact with the contaminated media.

Construction workers, site visitors and persons living, working and traveling through the area near the project site could be exposed to the SVOCs and metals in the surface soil during excavation of the contaminated soil in connection with site redevelopment. Potential exposure routes for these receptors include inhalation of contaminated dust and incidental ingestion of, and/or dermal contact with the contaminated soil / HFM. However, the use of appropriate personal protective equipment, dust suppression techniques and personal/air monitoring, and the development and implementation of a Site-Specific Health and Safety Plan (HASP) would minimize the risk of exposure during this stage of the project. A HASP was provided in the approved RIWP. An updated HASP prepared by C&S is attached as **Appendix G**.

Under current conditions an exposure pathway exists, however, this could be mitigated through engineering controls (i.e., site cover system) and institutional controls (i.e., Site Management Plan, Deed Restrictions) under the post-remediation scenario.

5.4.2 Subsurface Soil / HFM

The presence of elevated concentrations of SVOCs and metals in subsurface soil / HFM is not interpreted to represent a human or environmental exposure risk because no complete exposure pathways were identified under the current use scenario for the Site. This is a function of the subsurface disposition of the contamination, which effectively minimizes the potential for the incidental ingestion of, or dermal contact with the contaminated media. These factors also reduce the potential for the emission of vapors and particulates that could pose an exposure risk via inhalation. This applies to persons living, working and traveling through the area surrounding the Site, as well as persons visiting, working or trespassing on the Site.

During excavation of the contaminated soil / HFM in connection with site redevelopment activities, environmental receptors, construction workers, site visitors and persons living, working and traveling through the project site could be exposed to SVOCs and metals in the subsurface soil / HFM. Potential exposure routes for these receptors include inhalation of contaminated dust and incidental ingestion of and / or dermal contact with the contaminated soil / HFM. However, the use of appropriate personal protective equipment, dust suppression techniques and personal / air monitoring, and the development of a HASP would minimize the risk of exposure during this stage of the project.

5.4.3 Groundwater

Groundwater is not considered a relevant mechanism for exposure due to the municipal water servicing the Site and requirement for an Environmental Easement that will restrict the use of groundwater.

There is not a ban on groundwater use as a public drinking water supply in Village of Canastota. However, groundwater in the vicinity of the project site is not known to be utilized as a source of

potable water.

5.4.4 Soil Vapor

The RI sampling results did not indicate the presence of contaminants that could pose a soil vapor intrusion concern. In addition, there are no existing buildings on the Site. Therefore, the vapor intrusion pathway is not relevant under current or future conditions.

5.4.5 Exposure Assessment Summary

The human health exposure assessment identified exposure scenarios for the Site.

- Exposed soil / HFM during construction presents a potential route of exposure to construction or remediation workers via contact, fugitive dust and surface water. Upon completion of planned construction activities, the Site will be covered by buildings, paved parking lots, as well as a graded grass cover system. The proposed structures / features will prevent direct human exposure to any materials that may be left in place.
- Groundwater is not considered a relevant mechanism for exposure due to the municipal water servicing the Site and requirement for an Environmental Easement that will restrict the use of groundwater. There is not a ban on groundwater use as a public drinking water supply in Village of Canastota. However, groundwater in the vicinity of the Site is not known to be utilized as a source of potable water. In addition, the depth of the groundwater (3 to 5 feet below grade) reasonably precludes human contact.

5.5 Qualitative Human and Fish / Wildlife Resources Exposure Assessment

The Site is proposed to be used for mixed use commercial and residential purposes in an urban area with limited wildlife exposure. Humans living or working near or on the Site could be exposed to contamination in the surface soil. However, this could be mitigated through engineering controls and institutional controls under the post-remediation scenario.

Due to the reasons listed above, contaminated groundwater and soil vapor intrusion are not considered a relevant mechanism for exposure on the Site.

The Site and surrounding area consists of cut and fill land. A review of information concerning endangered and threatened species in the Village of Canastota, available via the NYSDEC Environmental Resource Mapper, indicates that rare plants and animals are mapped in the broader Madison County area, although no records are documented for the Site itself or within the immediate vicinity (within approximately 0.5 mile). Wildlife that could potentially be present at the Site was determined using the NYSDEC Nature Explorer. The information in New York Nature Explorer was prepared by the New York State Department of Environmental Conservation using the data currently available. In addition, the species and locations reported by the online tool are not a definitive statement about the presence or absence of all plants and animals, including rare

or state-listed species, and of all significant natural communities. According to the NYSDEC Nature Explorer, this generalized area contains species of conservation concern but no federally listed endangered or threatened species have been confirmed within or immediately adjacent to the Site. The Site is not located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL and 6 NYCRR 617, nor are any state or federally designated wetlands mapped on or directly adjacent to the project site.

Based upon the information summarized above, there are no ecological resources present on or in the vicinity of the site and, consequently, no fish and wildlife resource impacts have been identified.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions are based on the work described in this document and consider the Departments remedial action objectives (RAOs) for soil, groundwater, and soil vapor for public health and environmental protection. The RAOs will be discussed in detail in the Alternatives Analysis / Remedial Action Work Plan (AA / RAWP) for the Site.

- Contaminants of concern in soil are SVOCs and metals and are limited to the HFM across the Site. The variation in analyte concentrations in the soils that contain HFM indicates that the source of contamination in soil samples containing HFM is the HFM itself and no apparent discrete source is located on-site or off-site. The current exposure pathways for surface and subsurface soil / HFM are as follows:
 - Under the current use, persons living and working in the vicinity of the Site and / or persons trespassing on the Site could be exposed to SVOCs and metals in the surface soil via inhalation of airborne particles, incidental ingestion of, or dermal contact with the contaminated media. Under current conditions an exposure pathway exists, however, this could be mitigated through engineering controls (i.e., site cover system) and institutional controls (i.e., Site Management Plan, Deed Restrictions) under the post-remediation scenario.
 - Exposed subsurface soil / HFM during construction presents a potential route of exposure to construction or remediation workers via contact, fugitive dust and surface water. However, the use of appropriate personal protective equipment, dust suppression techniques and personal / air monitoring, and the development of a HASP would minimize the risk of exposure during this stage of the project.
- Contaminants of concern in groundwater are low-level concentrations of VOCs, SVOCs, and PFAS. It appears that VOCs and SVOCs in the groundwater are related to the presence of HFM across the Site (residual constituents from coal-tar, creosote, or petroleum) or are related to the microbial breakdown of natural organic matter. The likely reason for the presence of PFAS is not currently understood. Groundwater is not considered a relevant mechanism for exposure due to the municipal water servicing the Site and requirement for an Environmental Easement that will restrict the use of groundwater. There is not a ban on groundwater use as a public drinking water supply in Village of Canastota. However, groundwater in the vicinity of the Site is not known to be utilized as a source of potable water. In addition, the depth of the groundwater (3 to 5 feet below grade) reasonably precludes human contact.
- The RI sampling results did not indicate a soil vapor intrusion concern under current site conditions. As there are no existing buildings on the Site at this time, the vapor intrusion pathway is not relevant under current conditions.

- There are no ecological resources present on or in the vicinity of the Site and, consequently, no fish and wildlife resource impacts have been identified.

Recommendations based on results of the Remedial Investigation:

- The RIR was performed without any significant deviation from the RIWP. The work plan was based on the Site being remediated via a Track 4 Cleanup. Based on the data collected to date, a Track 4 remedy would likely be limited to the construction of an engineered cover system and the implementation of institutional controls (e.g. deed restriction, ongoing O&M, etc.). However, based on the well-defined extent of impacts of SVOCs and metals with the HFM (with just one exception), lack of significant groundwater impacts, and lack of soil vapor impacts; remediation via a Track 1 cleanup is also a viable option. A Track 1 cleanup would consist of the complete removal of HFM and the collection of confirmatory soil samples across the Site during construction, followed by the backfilling of the Site with clean soil meeting DER-10 requirements. An additional round of groundwater sampling would be performed to confirm that the removal of the HFM was successful in meeting groundwater standards (except for "hard water" inorganics).

A combined AA / RAWP is currently being prepared to evaluate the remedial alternatives for the Site.

7.0 REFERENCES

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Low Stress (low-flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, USEPA, September 2017.

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Phase I Environmental Site Assessment – Old Erie Commons – 160 Center Street, Canastota, New York, C&S Engineers, Inc., August 2025.

Phase II Environmental Investigation Report – 160 Center Street, Canastota, New York, Benchmark, December 2021.

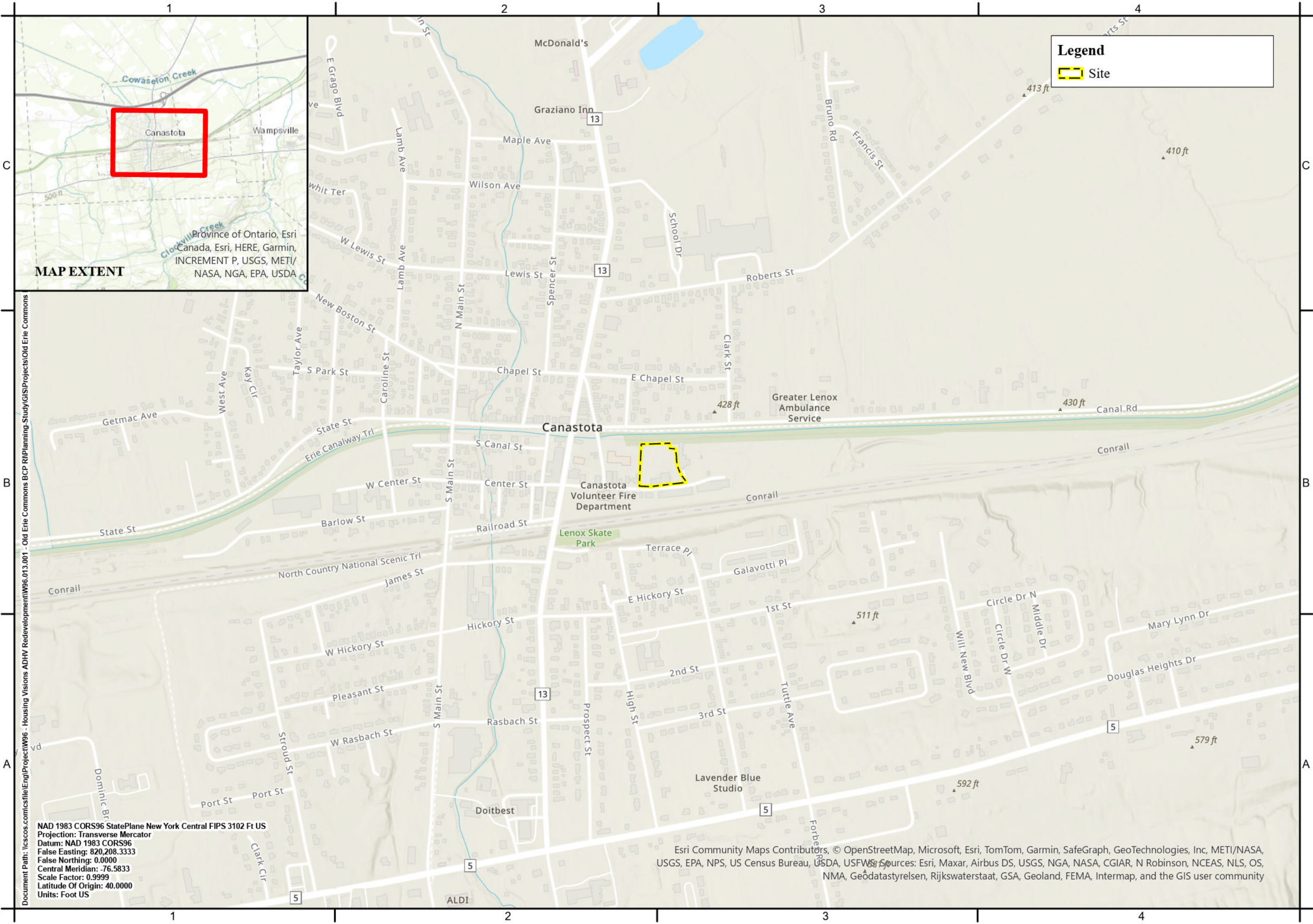
Remedial Investigation / Alternatives Analysis (RI / AA) Work Plan – Old Erie Commons – 160 Center Street, Canastota, New York – BCP Site No. C727015, Benchmark, June 2022.

Remedial Investigation Work Plan Comments – Old Erie Commons BCP Site – NYSDEC BCP Site No. C727015, C&S Engineers, Inc., June 2025.

Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, NYSDEC, April 2023.

Village of Canastota Zoning Map, December 2015.

Figures



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0 750
Feet
1 inch equals 750 feet

Remedial Investigation Report
Old Erie Commons (BCP Site No. C727015)
160 Center Street, Canastota, New York

PROJECT NO: W96.013.001
DATE: November 2025
SCALE: AS SHOWN
DRAWN BY: CND
DESIGNED BY: CND
CHECKED BY: MLW

**SITE
LOCATION**

Figure 1

NAD 1983 CORS96 StatePlane New York Central FIPS 3102 Ft US
Projection: Transverse Mercator
Datum: NAD 1983 CORS96
False Easting: 820,208.3333
False Northing: 0.0000
Central Meridian: -76.5833
Scale Factor: 0.9999
Latitude Of Origin: 40.0000
Units: Foot US

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Legend

- Site
- Former Rail Spurs
- Suspected Tank Location
- Building Debris Pile



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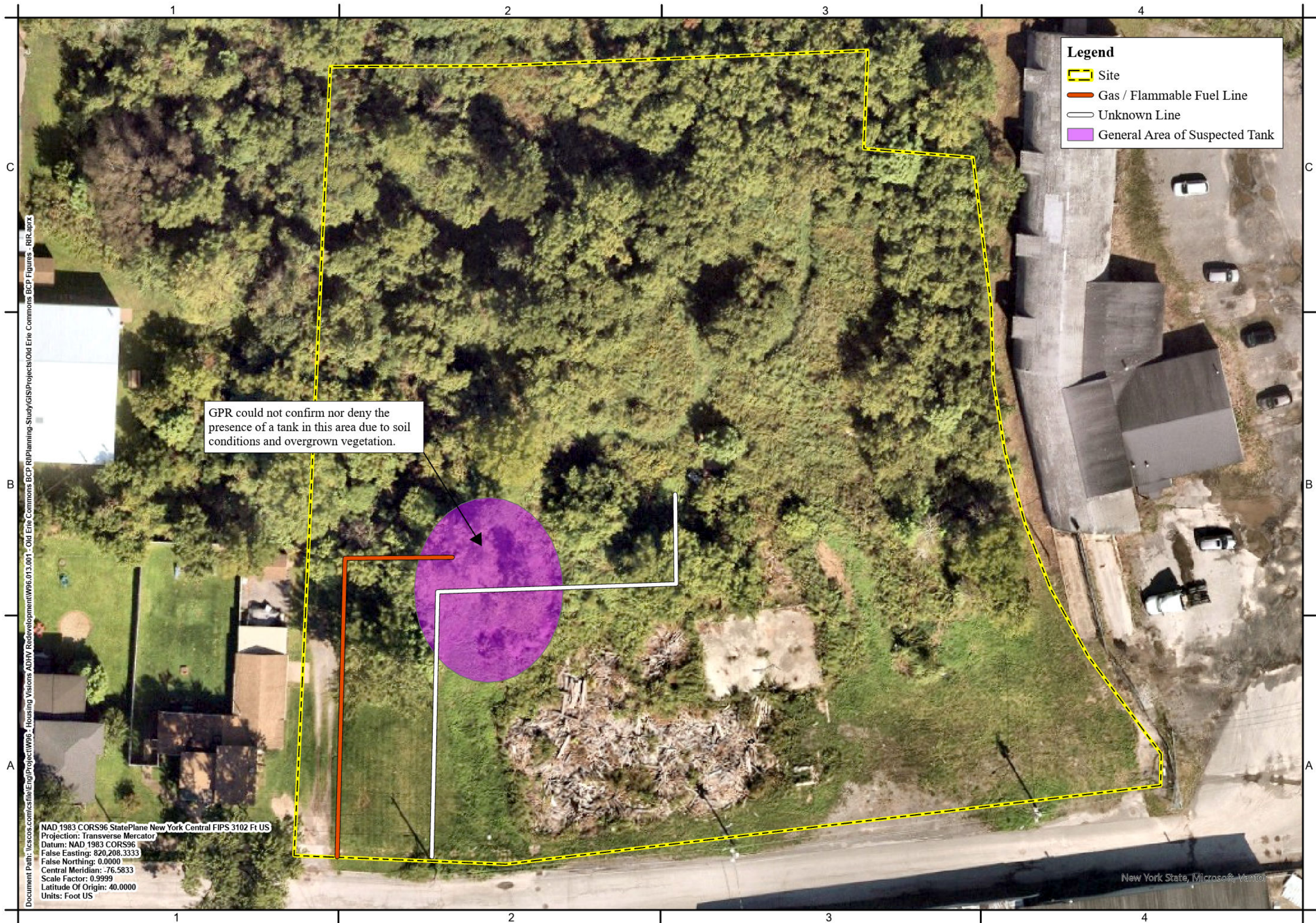
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DATE: November 2025
SCALE: AS SHOWN
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SITE
DETAIL

Figure 2

Canastota
NAD 1983 CORS96 StatePlane New York Central FIPS 3102 Ft US
Projection: Transverse Mercator
Datum: NAD 1983 CORS96
False Easting: 820,208.3333
False Northing: 0.0000
Central Meridian: -76.5833
Scale Factor: 0.9999
Latitude Of Origin: 40.0000
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Legend

- Site
- Gas / Flammable Fuel Line
- Unknown Line
- General Area of Suspected Tank

GPR could not confirm nor deny the presence of a tank in this area due to soil conditions and overgrown vegetation.



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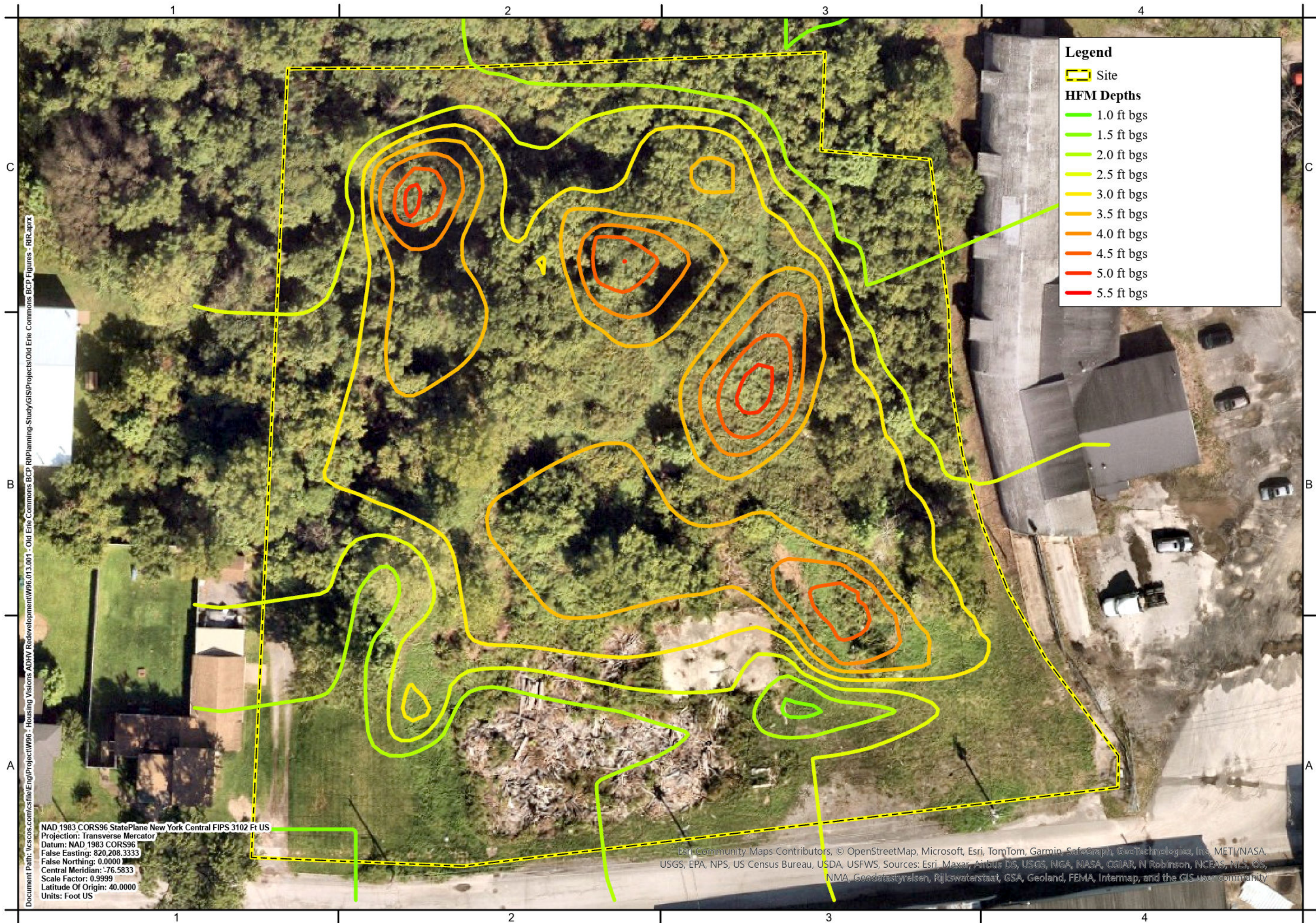
Remedial Investigation Report
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**GEOPHYSICAL
STUDY
RESULTS**

Figure 3

NAD 1983 CORS96 StatePlane New York Central FIPS 3102 Ft US
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False Northing: 0.0000
Central Meridian: -76.5833
Scale Factor: 0.9999
Latitude Of Origin: 40.0000
Units: Foot US



Legend

Site

HFM Depths

- 1.0 ft bgs
- 1.5 ft bgs
- 2.0 ft bgs
- 2.5 ft bgs
- 3.0 ft bgs
- 3.5 ft bgs
- 4.0 ft bgs
- 4.5 ft bgs
- 5.0 ft bgs
- 5.5 ft bgs



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0 40 Feet
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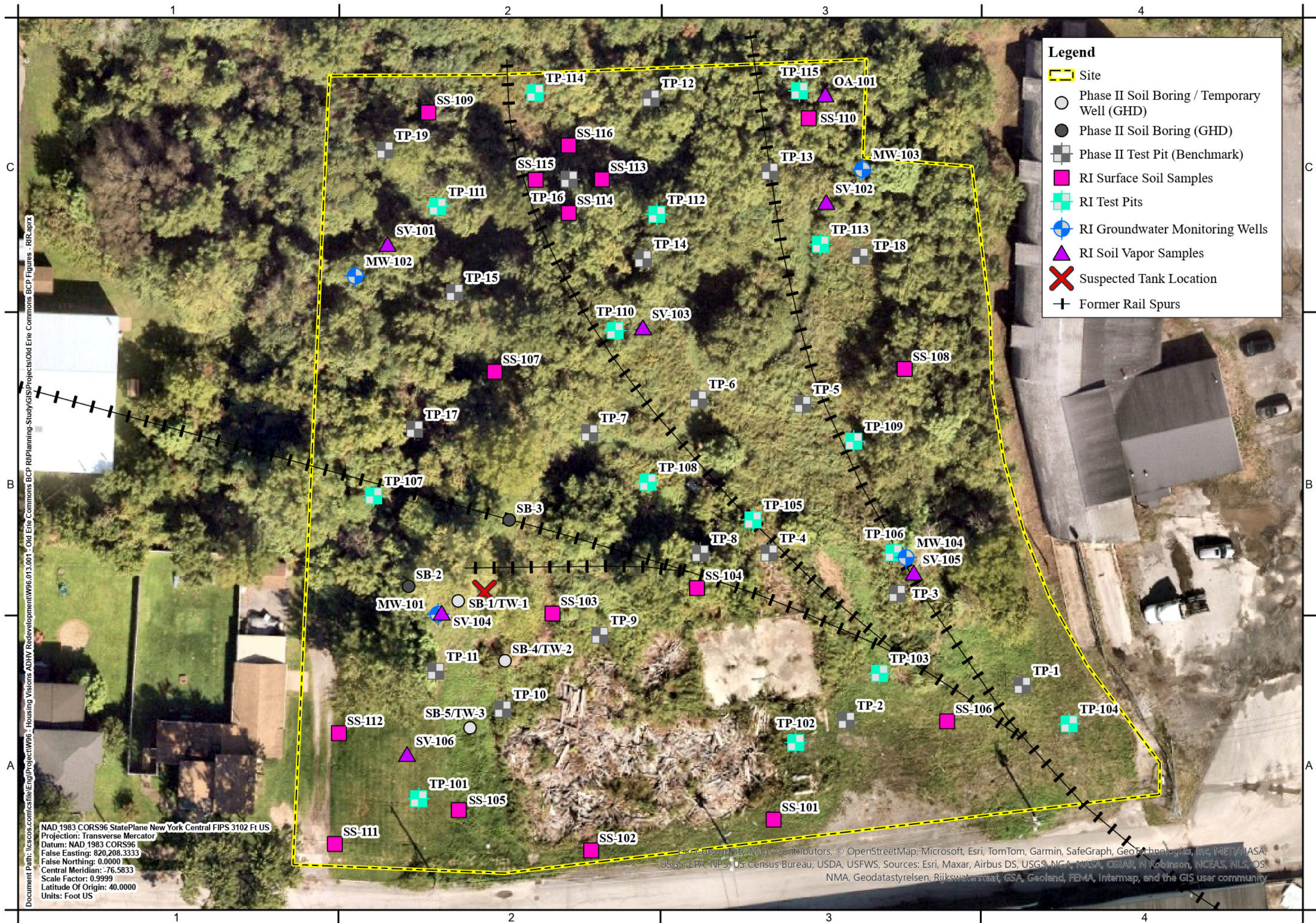
FILL DEPTHS

Figure 4

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Legend

- Site
- Phase II Soil Boring / Temporary Well (GHD)
- Phase II Soil Boring (GHD)
- Phase II Test Pit (Benchmark)
- RI Surface Soil Samples
- RI Test Pits
- RI Groundwater Monitoring Wells
- RI Soil Vapor Samples
- Suspected Tank Location
- Former Rail Spurs

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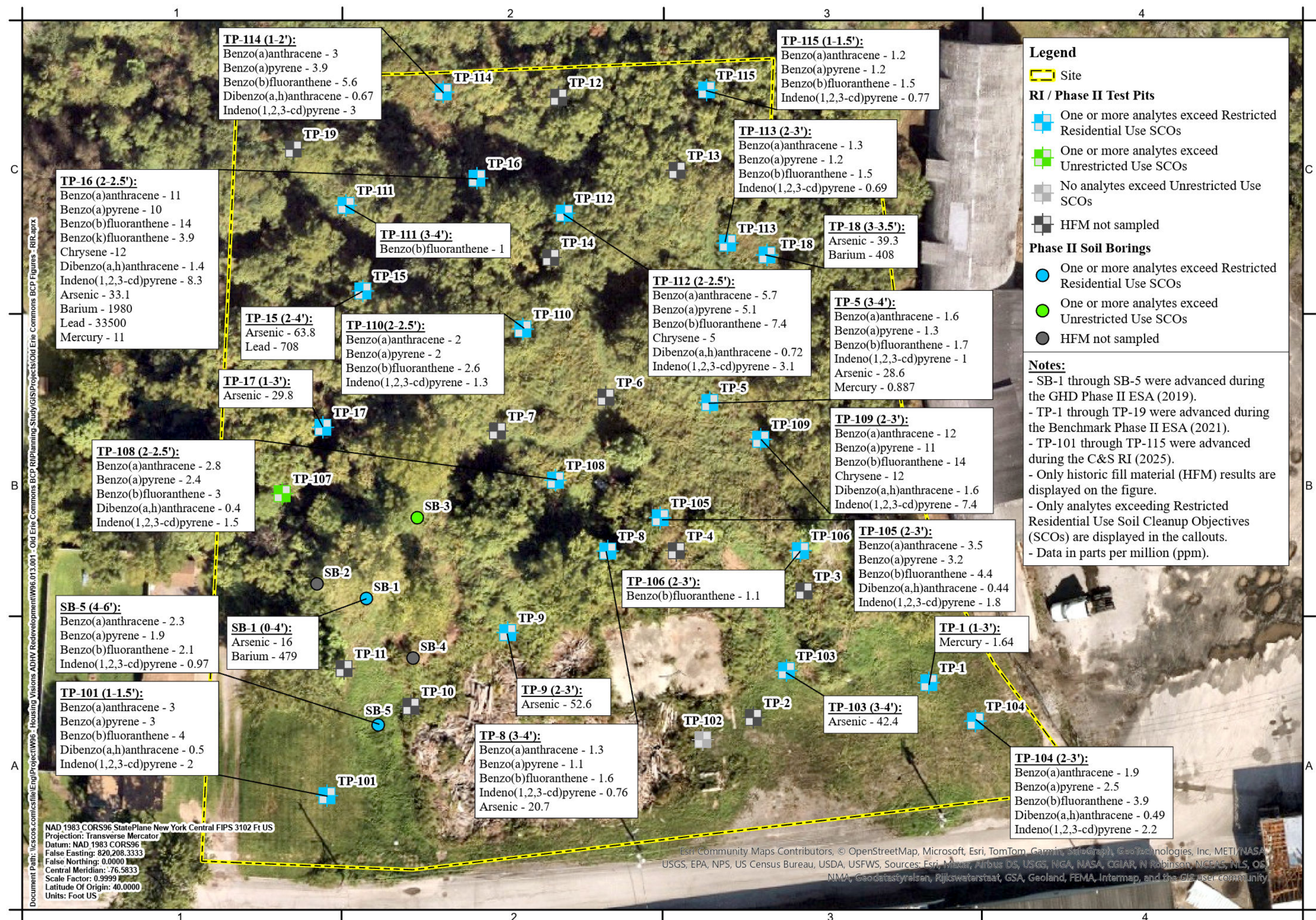
SAMPLE LOCATION MAP

Figure 5

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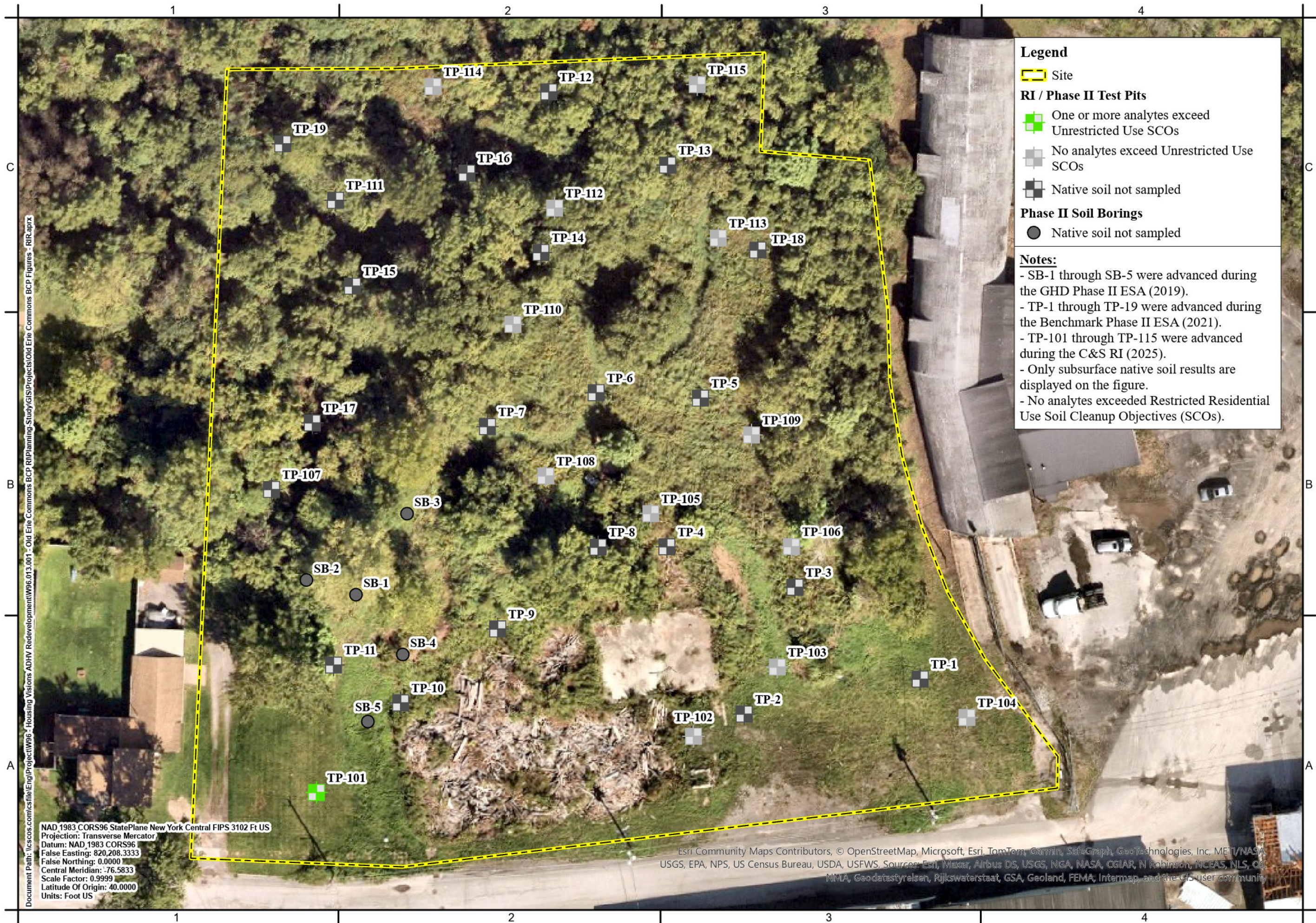
0 40
Feet
1 inch equals 40 feet

Remedial Investigation Report
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160 Center Street, Canastota, New York

PROJECT NO: W96.013.001
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HFM SAMPLE RESULTS

Figure 7A



Legend

Site

RI / Phase II Test Pits

One or more analytes exceed Unrestricted Use SCOs

No analytes exceed Unrestricted Use SCOs

Native soil not sampled

Phase II Soil Borings

Native soil not sampled

Notes:

- SB-1 through SB-5 were advanced during the GHD Phase II ESA (2019).

- TP-1 through TP-19 were advanced during the Benchmark Phase II ESA (2021).

- TP-101 through TP-115 were advanced during the C&S RI (2025).

- Only subsurface native soil results are displayed on the figure.

- No analytes exceeded Restricted Residential Use Soil Cleanup Objectives (SCOs).



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0 40
Feet
1 inch equals 40 feet

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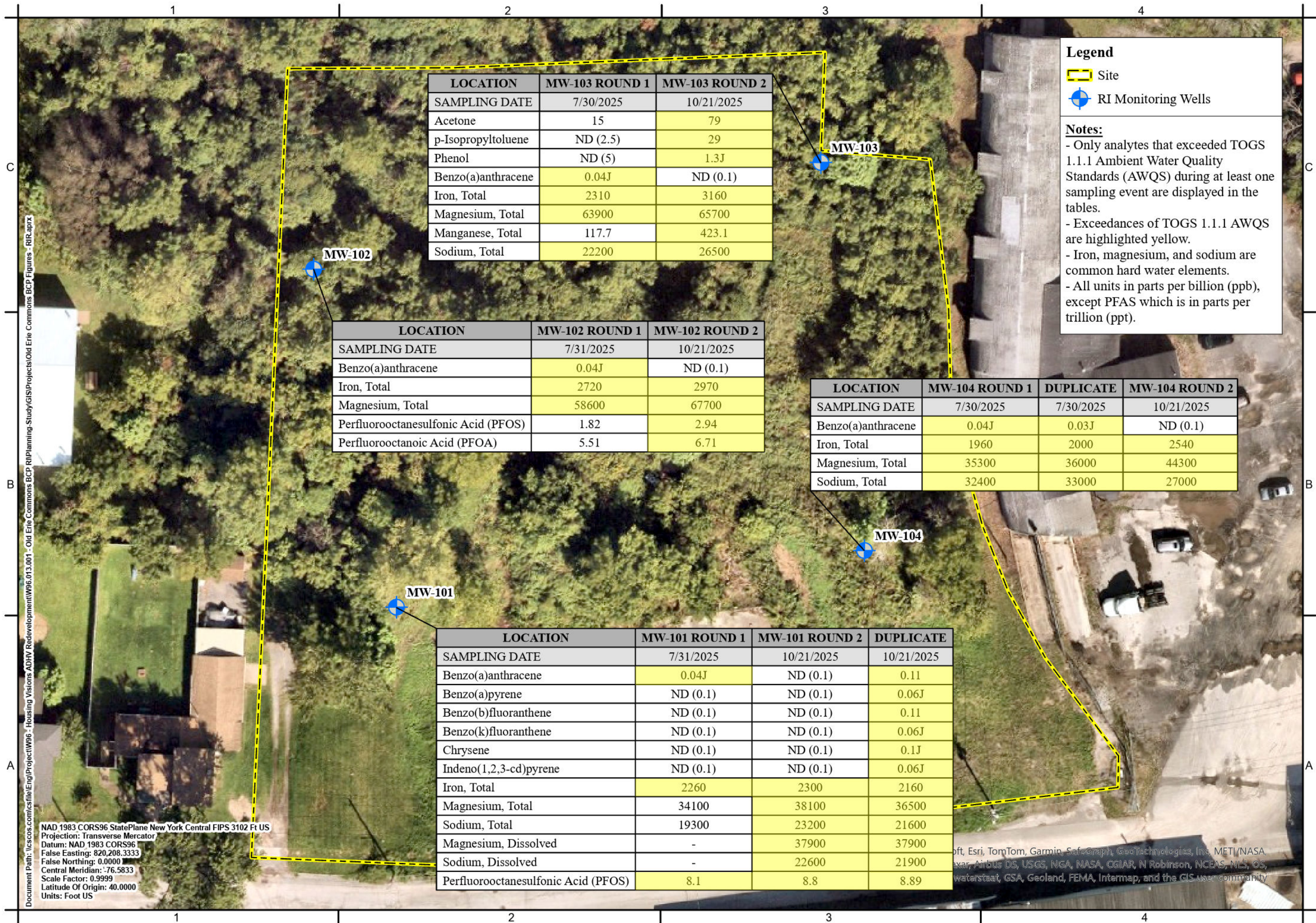
SUBSURFACE
NATIVE SOIL
SAMPLE
RESULTS

Figure 7B

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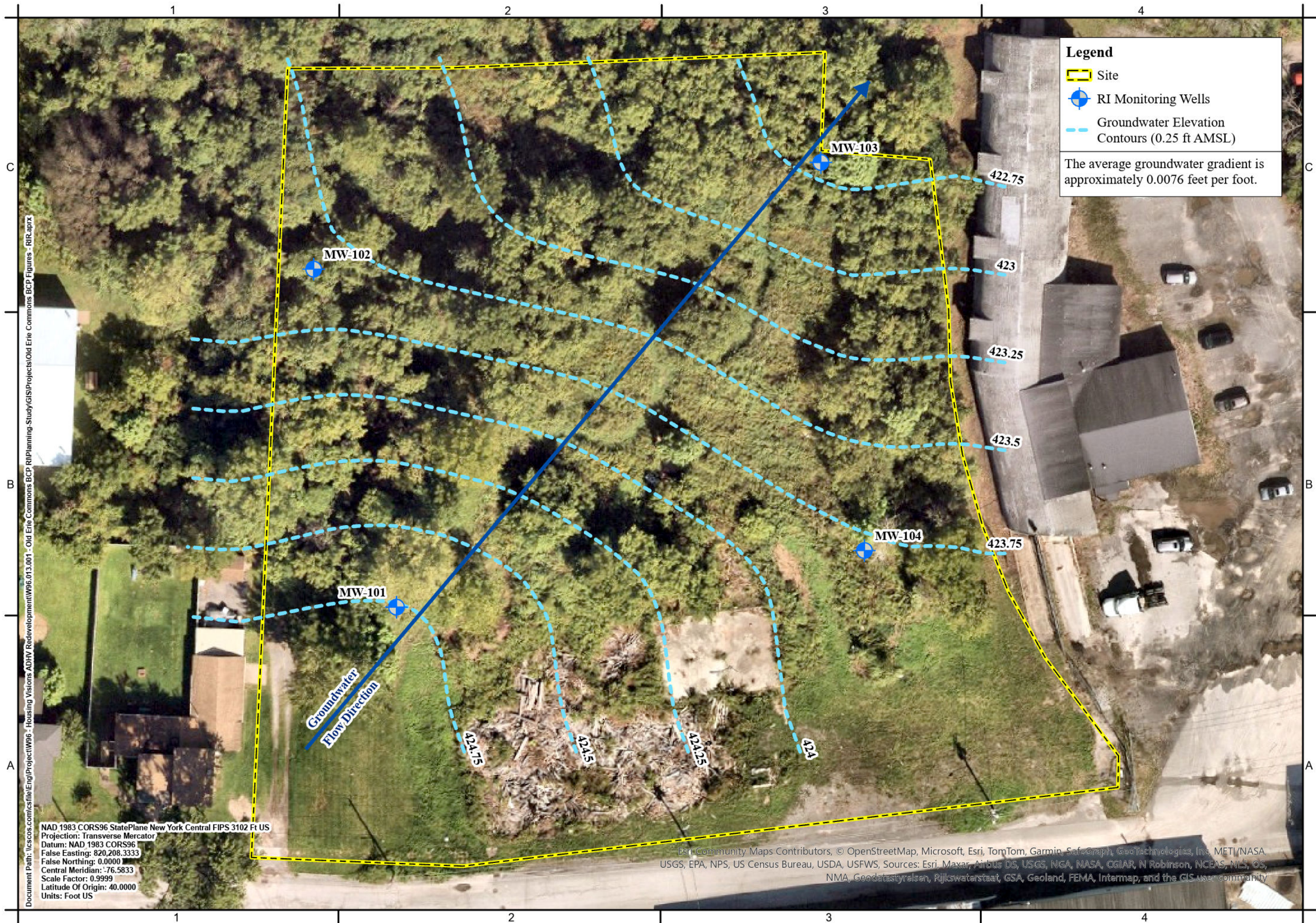
0 40
Feet
1 inch equals 40 feet

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GROUNDWATER SAMPLE RESULTS

Figure 8



Legend

- Site
- RI Monitoring Wells
- Groundwater Elevation Contours (0.25 ft AMSL)

The average groundwater gradient is approximately 0.0076 feet per foot.



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0 40
Feet
1 inch equals 40 feet

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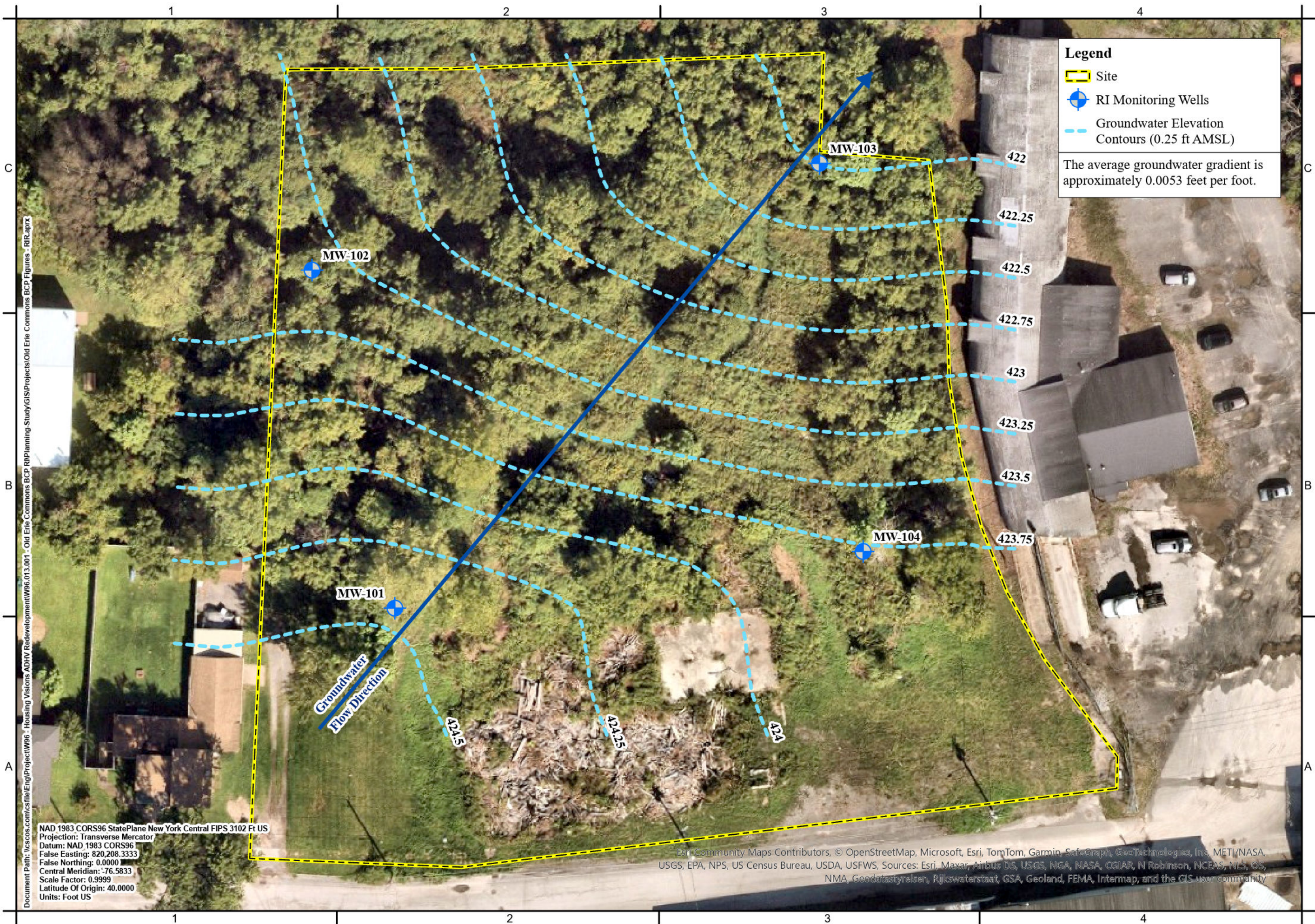
**GROUNDWATER
CONTOUR
MAP -
JULY 2025**

Figure 9A

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Central Meridian: -76.5833
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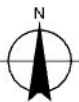
Legend

- Site
- RI Monitoring Wells
- Groundwater Elevation Contours (0.25 ft AMSL)

The average groundwater gradient is approximately 0.0053 feet per foot.



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0 40
Feet
1 inch equals 40 feet

Remedial Investigation Report
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PROJECT NO:	W96.013.001
DATE:	November 2025
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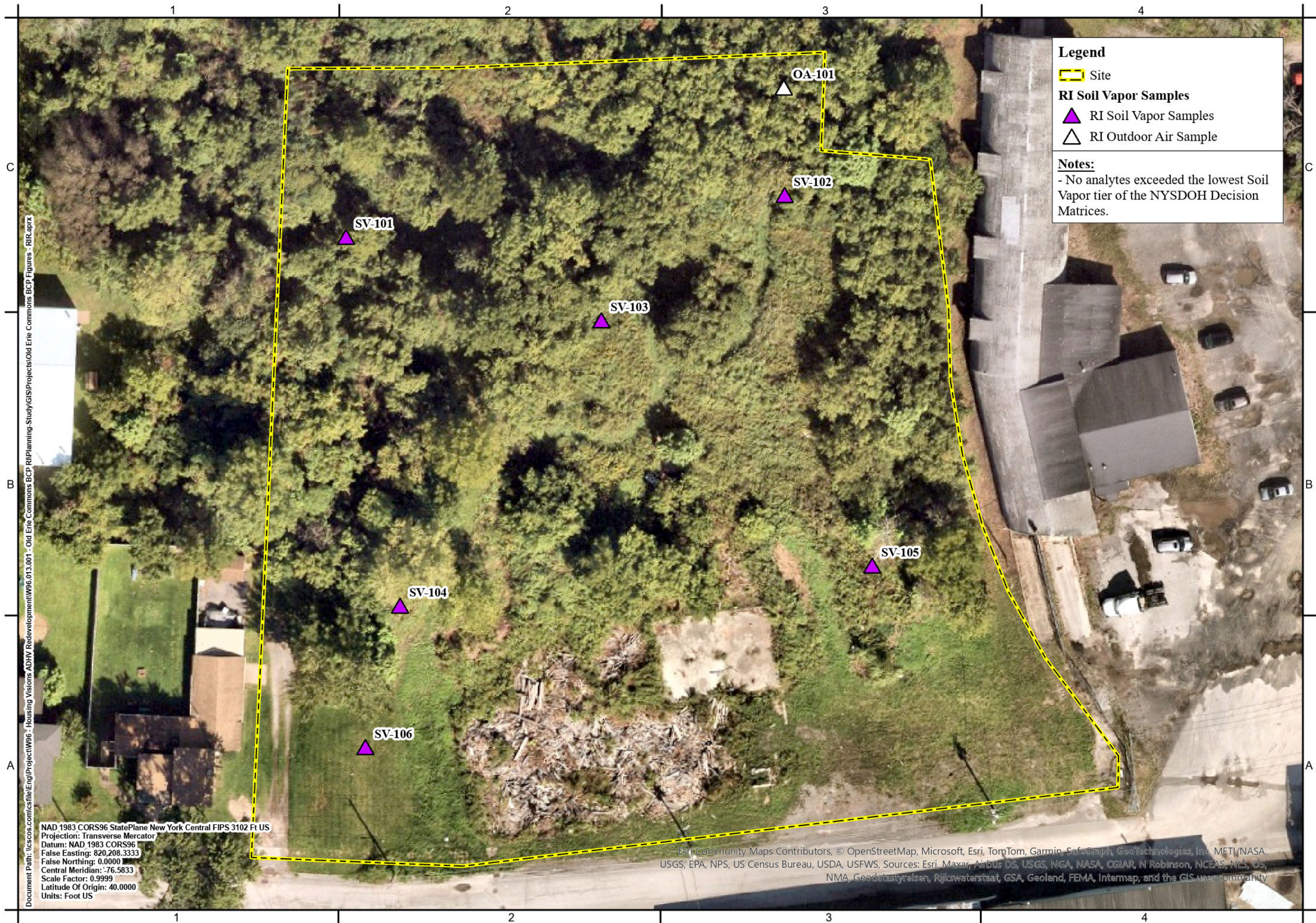
**GROUNDWATER
CONTOUR
MAP -
OCTOBER 2025**

Figure 9B

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Legend
[Yellow dashed line] Site
RI Soil Vapor Samples
[Purple triangle] RI Soil Vapor Samples
[White triangle] RI Outdoor Air Sample

Notes:
- No analytes exceeded the lowest Soil Vapor tier of the NYSDOH Decision Matrices.



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0 40
Feet
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PROJECT NO:	W96.013.001
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SOIL VAPOR
SAMPLE
RESULTS

Figure 10

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Tables

Table 1
Old Erie Commons - Remedial Investigation
Master Sample Log

Lab Report #	Sample ID	Investigation	Date	Time	Matrix	Sample Type SS - Surface Soil SB - Soil Boring TP - Test Pit SV - Soil Vapor OA - Outdoor Air W - Groundwater	Depth (ft)	VOCs	SVOCs	Metals	Asbestos	PCBs	Pesticides	Herbicides	1,4-Dioxane	PFAS	MS	MSD	DUP
480-161635-1	SB-1	Phase II ESA (GHD)	10/25/19	12:20	SOIL	SB	0-4	X	X	X		X							
	SB-3	Phase II ESA (GHD)	10/25/19	12:40	SOIL	SB	0-4	X	X	X		X							
	SB-5	Phase II ESA (GHD)	10/25/19	13:00	SOIL	SB	4-6	X	X	X		X							
L2115023	TP-1 1-3 ft	Phase II ESA (Benchmark)	03/24/21	9:30	SOIL	TP	1-3		X	X									
	TP-5 3-4 ft	Phase II ESA (Benchmark)	03/24/21	11:00	SOIL	TP	3-4		X	X									
	TP-8 3-4 ft	Phase II ESA (Benchmark)	03/24/21	12:45	SOIL	TP	3-4		X	X									
	TP-9 2-3 ft	Phase II ESA (Benchmark)	03/24/21	13:00	SOIL	TP	2-3		X	X									
L2157533	TP-15	Phase II ESA (Benchmark)	10/20/21	10:00	SOIL	TP	2-4		X	X									
	TP-16	Phase II ESA (Benchmark)	10/20/21	10:30	SOIL	TP	2-2.5		X	X									
	TP-17	Phase II ESA (Benchmark)	10/20/21	11:00	SOIL	TP	1-3		X	X									
	TP-18	Phase II ESA (Benchmark)	10/20/21	11:30	SOIL	TP	3-3.5		X	X									
L2543652 634914	SS-101	RI	07/11/25	9:10	SOIL	SS	0-2 in	X	X	X	X	X	X	X	X	X	X	X	X
	SS-102	RI	07/11/25	9:30	SOIL	SS	0-2 in	X	X	X	X								
	SS-103	RI	07/11/25	9:50	SOIL	SS	0-2 in	X	X	X	X	X	X	X	X	X			
	SS-104	RI	07/11/25	10:20	SOIL	SS	0-2 in	X	X	X	X								
	SS-106	RI	07/11/25	9:00	SOIL	SS	0-2 in	X	X	X									
	SS-107	RI	07/11/25	12:30	SOIL	SS	0-2 in	X	X	X		X	X	X	X	X			
	SS-108	RI	07/11/25	11:15	SOIL	SS	0-2 in	X	X	X		X	X	X	X	X			
	SS-109	RI	07/11/25	11:40	SOIL	SS	0-2 in	X	X	X		X	X	X	X	X			
	SS-110	RI	07/11/25	12:00	SOIL	SS	0-2 in	X	X	X									
	SS-105	RI	07/30/25	10:00	SOIL	SS	0-2 in	X	X	X					X				
L2547832	SS-111	RI	07/30/25	9:40	SOIL	SS	0-2 in	X	X	X					X				
	SS-112	RI	07/30/25	9:50	SOIL	SS	0-2 in	X	X	X					X				
	SS-113	RI	07/30/25	10:15	SOIL	SS	0-2 in												
L2547833	SS-114	RI	07/30/25	10:20	SOIL	SS	0-2 in			X - Pb only									
	SS-115	RI	07/30/25	10:25	SOIL	SS	0-2 in												
	SS-116	RI	07/30/25	10:30	SOIL	SS	0-2 in												
	TP-102 FILL	RI	07/28/25	11:40	SOIL	TP	1.5-2		X	X	X				X				
L2547174 637838	TP-102 NATIVE	RI	07/28/25	11:50	SOIL	TP	3-3.5		X	X	X				X				
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	TP-104 NATIVE	RI	07/28/25	12:15	SOIL	TP	6-6.5		X	X					X				
	TP-106 FILL	RI	07/28/25	10:20	SOIL	TP	2-3	X	X	X		X	X	X	X	X			
	TP-106 NATIVE	RI	07/28/25	10:30	SOIL	TP	6-7	X	X	X		X	X	X	X	X			
	TP-109 FILL	RI	07/28/25	13:30	SOIL	TP	2-3		X	X		X	X	X	X	X			
	TP-109 NATIVE	RI	07/28/25	13:35	SOIL	TP	5-6		X	X		X	X	X	X	X			
	TP-113 FILL	RI	07/28/25	14:00	SOIL	TP	2-3	X	X	X					X				
	TP-113 NATIVE	RI	07/28/25	14:10	SOIL	TP	5-5.5	X	X	X					X				

Table 1
Old Erie Commons - Remedial Investigation
Master Sample Log

Lab Report #	Sample ID	Investigation	Date	Time	Matrix	Sample Type SS - Surface Soil SB - Soil Boring TP - Test Pit SV - Soil Vapor OA - Outdoor Air W - Groundwater	Depth (ft)	VOCs	SVOCs	Metals	Asbestos	PCBs	Pesticides	Herbicides	1,4-Dioxane	PFAS	MS	MSD	DUP
L2547432	TP-101 FILL	RI	07/29/25	14:20	SOIL	TP	1-1.5	X	X	X		X	X	X	X	X			
	TP-101 NATIVE	RI	07/29/25	14:30	SOIL	TP	2.5-3	X	X	X		X	X	X	X	X			
	TP-105 FILL	RI	07/29/25	13:40	SOIL	TP	2-3	X	X	X		X	X	X	X	X	X	X	X
	TP-105 NATIVE	RI	07/29/25	13:50	SOIL	TP	6-6.5	X	X	X		X	X	X	X	X			
	TP-107 FILL	RI	07/29/25	14:05	SOIL	TP	2-3		X	X									
	TP-108 FILL	RI	07/29/25	11:20	SOIL	TP	2-2.5		X	X		X	X	X	X	X			
	TP-108 NATIVE ¹	RI	07/29/25	11:30	SOIL	TP	5.5-6		X	X		X	X	X	X	X			
	TP-110 FILL	RI	07/29/25	11:00	SOIL	TP	2-2.5		X	X		X	X	X	X	X			
	TP-110 NATIVE	RI	07/29/25	11:05	SOIL	TP	5.5-6		X	X		X	X	X	X	X			
	TP-111 FILL	RI	07/29/25	10:30	SOIL	TP	3-4	X	X	X		X	X	X	X	X			
	TP-112 FILL	RI	07/29/25	9:05	SOIL	TP	2-2.5		X	X		X	X	X	X	X			
	TP-112 NATIVE	RI	07/29/25	9:15	SOIL	TP	4-4.5		X	X		X	X	X	X	X			
	TP-114 NATIVE	RI	07/29/25	9:45	SOIL	TP	1-2	X	X	X		X	X	X	X	X			
	TP-114 FILL	RI	07/29/25	9:55	SOIL	TP	3-4	X	X	X		X	X	X	X	X			
	TP-115 FILL	RI	07/29/25	8:45	SOIL	TP	1-1.5	X	X	X		X	X	X	X	X			
	TP-115 NATIVE	RI	07/29/25	8:50	SOIL	TP	5-5.5	X	X	X		X	X	X	X	X			
L2547831	MW-103	RI	07/30/25	14:40	WATER	W	12	X	X	X		X	X	X	X	X			
	MW-104	RI	07/30/25	10:21	WATER	W	15	X	X	X		X	X	X	X	X			X
	TRIP BLANK	RI	07/30/25	--	WATER	W	-	X											
L2548090	MW-101	RI	07/31/25	10:20	WATER	W	12	X	X	X		X	X	X	X	X	X	X	
	MW-102	RI	07/31/25	13:05	WATER	W	11	X	X	X		X	X	X	X	X			
	TRIP BLANK	RI	07/31/25	--	WATER	W	-	X											
	EQUIPMENT BLANK	RI	07/31/25	--	WATER	W	-	X								X			
L2566646	MW-101 ²	RI	10/21/25	10:35	WATER	W	12	X	X	X		X	X	X	X	X	X	X	X
	MW-102	RI	10/21/25	12:45	WATER	W	11	X	X	X		X	X	X	X	X			
	MW-103	RI	10/21/25	13:45	WATER	W	12	X	X	X		X	X	X	X	X			
	MW-104	RI	10/21/25	15:15	WATER	W	15	X	X	X		X	X	X	X	X			
	TRIP BLANK	RI	10/21/25	--	WATER	W	-	X											
	EQUIPMENT BLANK	RI	10/21/25	--	WATER	W	-	X								X			
L2548247	SV-101	RI	07/31/25	13:12	SOIL VAPOR	SV	2	X											
	SV-102	RI	07/31/25	13:17	SOIL VAPOR	SV	3	X											
	SV-103	RI	07/31/25	13:14	SOIL VAPOR	SV	2	X											
	SV-104	RI	07/31/25	13:05	SOIL VAPOR	SV	2	X											
	SV-105 ³	RI	07/31/25	14:00	SOIL VAPOR	SV	4.5	X											
	SV-106	RI	07/31/25	13:40	SOIL VAPOR	SV	2	X											
	OA-101	RI	07/31/25	13:20	OUTDOOR AIR	OA	-	X											

1. Native material from TP-108 was sampled instead of native material from TP-111. This change was made in the field because no native material was encountered in TP-111.

2. MW-101 was above 50 NTU during the second round of sampling so the sample was analyzed for dissolved metals in addition to total metals.

3. SV-105 could not be analyzed because the sample was impacted by groundwater.

Table 2
Old Erie Commons - Remedial Investigation
Surface Soil Data Summary

LOCATION				SS-101		DUP-01		SS-102		SS-103		SS-104		SS-105		SS-106		SS-107		SS-108	
SAMPLING DATE				7/11/2025		7/11/2025		7/11/2025		7/11/2025		7/11/2025		7/30/2025		7/11/2025		7/11/2025		7/11/2025	
LAB SAMPLE ID				L2543652-01		L2543652-10		L2543652-02		L2543652-03		L2543652-04		L2547832-03		L2543652-05		L2543652-06		L2543652-07	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)				0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2	
		Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Volatile Organics by EPA 5035																					
1,1,1-Trichloroethane	0.68	100	0.68	0.00072 U		0.00066 U		0.00078 U		0.00077 U		0.00084 U		0.0005 U		0.0016 U		0.00055 U		0.00069 U	
1,1,2,2-Tetrachloroethane				0.00072 U		0.00066 U		0.00078 U		0.00077 U		0.00084 U		0.0005 U		0.0016 U		0.00055 U		0.00069 U	
1,1,2-Trichloroethane				0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
1,1-Dichloroethane	0.27	26	0.27	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
1,1-Dichloroethene	0.33	100	0.33	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
1,2,4-Trichlorobenzene				0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
1,2,4-Trimethylbenzene	3.6	52	3.6	0.00062 J		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
1,2-Dibromo-3-chloropropane				0.0043 U		0.0039 U		0.0047 U		0.0046 U		0.005 U		0.003 U		0.0099 U		0.0033 U		0.0042 U	
1,2-Dibromoethane				0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
1,2-Dichlorobenzene	1.1	100	1.1	0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
1,2-Dichloroethane	0.02	3.1	0.02	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
1,2-Dichloropropane				0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
1,3-Dichlorobenzene	2.4	49	2.4	0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
1,4-Dichlorobenzene	1.8	13	1.8	0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
2-Butanone	0.12	100	0.12	0.0071 J		0.003 J		0.012 J		0.015 U		0.017 U		0.0065 J		0.033 U		0.011 U		0.014 U	
2-Hexanone				0.013 U		0.013 U		0.015 U		0.013 U		0.014 U		0.01 U		0.033 U		0.011 U		0.014 U	
4-Methyl-2-pentanone				0.014 U		0.013 U		0.016 U		0.015 U		0.017 U		0.01 U		0.033 U		0.011 U		0.014 U	
Acetone	0.05	100	0.05	0.054		0.013		0.016		0.015 U		0.017 U		0.011		0.033 U		0.011 U		0.014 U	
Benzene	0.06	4.8	0.06	0.00072 U		0.00066 U		0.00078 U		0.00077 U		0.00084 U		0.0005 U		0.0016 U		0.00055 U		0.00069 U	
Bromodichloromethane				0.00072 U		0.00066 U		0.00078 U		0.00077 U		0.00084 U		0.0005 U		0.0016 U		0.00055 U		0.00069 U	
Bromoform				0.0058 U		0.0052 U		0.0062 U		0.0062 U		0.0067 U		0.004 U		0.013 U		0.0044 U		0.0056 U	
Bromomethane				0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
Carbon disulfide				0.014 U		0.013 U		0.016 U		0.015 U		0.017 U		0.01 U		0.033 U		0.011 U		0.014 U	
Carbon tetrachloride	0.76	2.4	0.76	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
Chlorobenzene	1.1	100	1.1	0.00072 U		0.00066 U		0.00078 U		0.00077 U		0.00084 U		0.0005 U		0.0016 U		0.00055 U		0.00069 U	
Chloroethane				0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
Chloroform	0.37	49	0.37	0.0022 U		0.002 U		0.0023 U		0.0023 U		0.0025 U		0.0015 U		0.005 U		0.0016 U		0.0021 U	
Chloromethane				0.0058 U		0.0052 U		0.0062 U		0.0062 U		0.0067 U		0.004 U		0.013 U		0.0044 U		0.0056 U	
cis-1,2-Dichloroethene	0.25	100	0.25	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
cis-1,3-Dichloropropene				0.00072 U		0.00066 U		0.00078 U		0.00077 U		0.00084 U		0.0005 U		0.0016 U		0.00055 U		0.00069 U	
Cyclohexane				0.014 U		0.013 U		0.016 U		0.015 U		0.017 U		0.01 U		0.033 U		0.011 U		0.014 U	
Dibromochloromethane				0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
Dichlorodifluoromethane				0.014 U		0.013 U		0.016 U		0.015 U		0.017 U		0.01 U		0.033 U		0.011 U		0.014 U	
Ethylbenzene	1	41	1	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
Freon-113				0.0058 U		0.0052 U		0.0062 U		0.0062 U		0.0067 U		0.004 U		0.013 U		0.0044 U		0.0056 U	
Isopropylbenzene				0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
Methyl Acetate				0.086		0.0052 U		0.011		0.0062 U		0.0067 U		0.004 U		0.013 U		0.0044 U		0.0056 U	
Methyl cyclohexane				0.0058 U		0.0052 U		0.0062 U		0.0062 U		0.0067 U		0.004 U		0.013 U		0.0044 U		0.0056 U	
Methyl tert butyl ether	0.93	100	0.93	0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
Methylene chloride	0.05	100	0.05	0.0072 U		0.0066 U		0.0078 U		0.0077 U		0.0084 U		0.005 U		0.016 U		0.0055 U		0.0069 U	
n-Butylbenzene	12	100	12	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
n-Propylbenzene	3.9	100	3.9	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
Naphthalene	12	100	12	0.0011 J		0.0052 U		0.0062 U		0.0062 U		0.0067 U		0.004 U		0.013 U		0.0044 U		0.0056 U	
o-Xylene				0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
p-Isopropyltoluene				0.00093 J		0.00056 J		0.00071 J		0.0015 U		0.0017 U		0.001 U		0.0021 J		0.0011 U		0.0014 U	
p/m-Xylene				0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
sec-Butylbenzene	11	100	11	0.0014 U		0.0013 U		0.0016 U		0.0015 U		0.0017 U		0.001 U		0.0033 U		0.0011 U		0.0014 U	
Styrene				0.00096 J		0.0023 J		0.00091 J		0.0015 U		0.00097 J		0.001 U		0.0019 J		0.0011 U		0.00079 J	
tert-Butylbenzene	5.9	100	5.9	0.0029 U		0.0026 U		0.0031 U		0.0031 U		0.0033 U		0.002 U		0.0066 U		0.0022 U		0.0028 U	
Tetrachloroethene	1.3																				

Table 2
Old Erie Commons - Remedial Investigation
Surface Soil Data Summary

LOCATION	SS-101			DUP-01		SS-102		SS-103		SS-104		SS-105		SS-106		SS-107		SS-108	
SAMPLING DATE	7/11/2025			7/11/2025		7/11/2025		7/11/2025		7/11/2025		7/30/2025		7/11/2025		7/11/2025		7/11/2025	
LAB SAMPLE ID	L2543652-01			L2543652-10		L2543652-02		L2543652-03		L2543652-04		L2547832-03		L2543652-05		L2543652-06		L2543652-07	
SAMPLE TYPE	SOIL			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)	0-2			0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2	
	Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																			
1,2,4,5-Tetrachlorobenzene				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
1,4-Dioxane	0.1	13	0.1	0.03 U		0.028 U		-		0.033 U		-		0.026 U		-		0.029 U	
2,3,4,6-Tetrachlorophenol				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2,4,5-Trichlorophenol				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2,4,6-Trichlorophenol				0.12 U		0.11 U		0.12 U		0.13 U		0.13 U		0.1 U		0.11 U		0.12 U	
2,4-Dichlorophenol				0.18 U		0.17 U		0.18 U		0.2 U		0.2 U		0.15 U		0.17 U		0.18 U	
2,4-Dimethylphenol				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2,4-Dinitrophenol				0.98 U		0.9 U		0.98 U		1.1 U		1 U		0.82 U		0.91 U		0.94 U	
2,4-Dinitrotoluene				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2,6-Dinitrotoluene				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2-Chloronaphthalene				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2-Chlorophenol				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2-Methylnaphthalene				0.034 J		0.067 J		0.082 J		0.04 J		0.46		0.29		0.94		0.23 U	
2-Methylphenol	0.33	100	0.33	0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2-Nitroaniline				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
2-Nitrophenol				0.44 U		0.41 U		0.44 U		0.48 U		0.47 U		0.37 U		0.41 U		0.42 U	
3,3'-Dichlorobenzidine				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.29 U		0.27 U		0.3 U		0.32 U		0.069 J		0.11 J		0.27 U		0.28 U	
3-Nitroaniline				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
4,6-Dinitro-o-cresol				0.53 U		0.49 U		0.53 U		0.58 U		0.57 U		0.44 U		0.49 U		0.51 U	
4-Bromophenyl phenyl ether				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
4-Chloroaniline				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
4-Chlorophenyl phenyl ether				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
4-Nitroaniline				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
4-Nitrophenol				0.28 U		0.26 U		0.29 U		0.31 U		0.31 U		0.24 U		0.26 U		0.27 U	
Acenaphthene	20	100	98	0.1 J		0.17		0.022 J		0.12 J		0.97		0.09 J		0.28		0.16 U	
Acenaphthylene	100	100	107	0.046 J		0.11 J		0.16 U		0.041 J		0.49		1.6		0.16		0.16 U	
Acetophenone				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.096 J		0.2 U	
Anthracene	100	100	1000	0.25		0.48		0.069 J		0.28		2.5		1.2		0.62		0.12 U	
Atrazine				0.16 U		0.15 U		0.16 U		0.18 U		0.18 U		0.14 U		0.15 U		0.16 U	
Benzaldehyde				0.27 U		0.25 U		0.068 J		0.29 U		0.12 J		0.048 J		0.27		0.26 U	
Benzo(a)anthracene	1	1	1	0.5		1		0.22		0.64		6.2		3.2		1.4		0.12 U	
Benzo(a)pyrene	1	1	22	0.47		1		0.22		0.59		6		3.1		1.4		0.16 U	
Benzo(b)fluoranthene	1	1	1.7	0.57		1.3		0.3		0.75		7.8		4		1.8		0.12 U	
Benzo(ghi)perylene	100	100	1000	0.26		0.58		0.14 J		0.34		3.1		2		0.78		0.16 U	
Benzo(k)fluoranthene	0.8	3.9	1.7	0.21		0.45		0.086 J		0.25		2.4		1.4		0.61		0.12 U	
Biphenyl				0.46 U		0.43 U		0.47 U		0.51 U		0.089 J		0.052 J		0.1 J		0.44 U	
Bis(2-chloroethoxy)methane				0.22 U		0.2 U		0.22 U		0.24 U		0.24 U		0.18 U		0.2 U		0.21 U	
Bis(2-chloroethyl)ether				0.18 U		0.17 U		0.18 U		0.2 U		0.2 U		0.15 U		0.17 U		0.18 U	
Bis(2-chloroisopropyl)ether				0.24 U		0.23 U		0.25 U		0.27 U		0.26 U		0.2 U		0.23 U		0.24 U	
Bis(2-ethylhexyl)phthalate				0.2 U		0.19 U		0.2 U		0.22 U		0.082 J		0.17 U		0.15 J		0.2 U	
Butyl benzyl phthalate				0.13 J		0.094 J		0.2 U		0.12 J		0.22 U		0.17 U		0.097 J		0.2 U	
Caprolactam				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
Carbazole				0.11 J		0.23		0.03 J		0.11 J		1		0.14 J		0.31		0.2 U	
Chrysene	1	3.9	1	0.45		0.98		0.25		0.61		5.8		2.8		1.3		0.12 U	
Di-n-butylphthalate				0.2 U		0.042 J		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
Di-n-octylphthalate				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.065 J		0.14		0.04 J		0.085 J		0.85		0.52		0.2		0.12 U	
Dibenzofuran	7	59	210	0.062 J		0.12 J		0.025 J		0.06 J		0.6		0.16 J		0.35		0.2 U	
Diethyl phthalate				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
Dimethyl phthalate				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
Fluoranthene	100	100	1000	1.1		2.2		0.41		1.3		15		3.4		2.8		0.12 U	
Fluorene	30	100	386	0.11 J		0.19		0.033 J		0.12 J		0.96		0.2		0.3		0.2 U	
Hexachlorobenzene	0.33	1.2	3.2	0.12 U		0.11 U		0.12 U		0.13 U		0.13 U		0.1 U		0.11 U		0.12 U	
Hexachlorobutadiene				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
Hexachlorocyclopentadiene				0.58 U		0.54 U		0.59 U		0.64 U		0.63 U		0.49 U		0.54 U		0.56 U	
Hexachloroethane				0.16 U		0.15 U		0.16 U		0.18 U		0.18 U		0.14 U		0.15 U		0.16 U	
Indeno(1,2,3-cd)pyrene	0.5	0.5	8.2	0.28		0.64		0.14 J		0.37		3.6		2		0.89		0.16 U	
Isophorone				0.18 U		0.17 U		0.18 U		0.2 U		0.2 U		0.15 U		0.17 U		0.18 U	
n-Nitrosodi-n-propylamine				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	
Naphthalene	12	100	12	0.065 J		0.15 J		0.055 J		0.05 J		0.78		0.89		0.76		0.2 U	
NDPA/DPA				0.16 U		0.15 U		0.16 U		0.18 U		0.18 U		0.14 U		0.15 U		0.16 U	
Nitrobenzene				0.18 U		0.17 U		0.18 U		0.2 U		0.2 U		0.15 U		0.17 U		0.18 U	
p-Chloro-m-cresol				0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.17 U		0.19 U		0.2 U	

Table 2
Old Erie Commons - Remedial Investigation
Surface Soil Data Summary

LOCATION				SS-101		DUP-01		SS-102		SS-103		SS-104		SS-105		SS-106		SS-107		SS-108	
SAMPLING DATE				7/11/2025		7/11/2025		7/11/2025		7/11/2025		7/11/2025		7/30/2025		7/11/2025		7/11/2025		7/11/2025	
LAB SAMPLE ID				L2543652-01		L2543652-10		L2543652-02		L2543652-03		L2543652-04		L2547832-03		L2543652-05		L2543652-06		L2543652-07	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)				0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2	
	Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Pentachlorophenol	0.8	6.7	0.8	0.16 U		0.15 U		0.16 U		0.18 U		0.18 U		0.14 U		0.15 U		0.16 U		0.16 U	
Phenanthrene	100	100	1000	0.93		1.8		0.36		1.1		10		1.2		2.5		0.12 U		6	
Phenol	0.33	100	0.33	0.2 U		0.19 U		0.2 U		0.22 U		0.22 U		0.059 J		0.19 U		0.2 U		0.2 U	
Pyrene	100	100	1000	0.85		1.8		0.34		1.1		12		3.1		2.1		0.12 U		5.6	
Polychlorinated Biphenyls by GC																					
Aroclor 1016	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Aroclor 1221	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Aroclor 1232	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Aroclor 1242	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Aroclor 1248	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Aroclor 1254	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Aroclor 1260	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Aroclor 1262	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Aroclor 1268	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
PCBs, Total	0.1	1	3.2	0.0589 U		0.0535 U		--		0.0636 U		--		--		--		0.0565 U		0.06 U	
Organochlorine Pesticides by GC																					
4,4'-DDD	0.0033	13	14	0.00186 U		0.00178 U		--		0.0165		--		--		--		0.00183 U		0.00194 U	
4,4'-DDE	0.0033	8.9	17	0.00247		0.00199		--		0.0331		--		--		--		0.00183 U		0.00229	
4,4'-DDT	0.0033	7.9	136	0.00696		0.0053		--		0.0131		--		--		--		0.00183 U		0.00814	
Aldrin	0.005	0.097	0.19	0.00186 U		0.00178 U		--		0.0021 U		--		--		--		0.00183 U		0.00194 U	
Alpha-BHC	0.02	0.48	0.02	0.000777 U		0.000742 U		--		0.000873 U		--		--		--		0.000762 U		0.000811 U	
Beta-BHC	0.036	0.36	0.09	0.00186 U		0.00178 U		--		0.0021 U		--		--		--		0.00183 U		0.00194 U	
Chlordane				0.0777		0.0492		--		0.0175 U		--		--		--		0.0152 U		0.0162 U	
cis-Chlordane	0.094	4.2	2.9	0.0102 IP		0.00751 IP		--		0.00262 U		--		--		--		0.00228 U		0.00243 U	
Delta-BHC	0.04	100	0.25	0.00186 U		0.00178 U		--		0.0021 U		--		--		--		0.00183 U		0.00194 U	
Dieldrin	0.005	0.2	0.1	0.00116 U		0.00111 U		--		0.00131 U		--		--		--		0.00114 U		0.00122 U	
Endosulfan I	2.4	24	102	0.00186 U		0.00178 U		--		0.0021 U		--		--		--		0.00183 U		0.00194 U	
Endosulfan II	2.4	24	102	0.00186 U		0.00178 U		--		0.0021 U		--		--		--		0.00183 U		0.00194 U	
Endosulfan sulfate	2.4	24	1000	0.000777 U		0.000742 U		--		0.000873 U		--		--		--		0.000762 U		0.000811 U	
Endrin	0.014	11	0.06	0.000777 U		0.000742 U		--		0.000873 U		--		--		--		0.000762 U		0.000811 U	
Endrin aldehyde				0.00233 U		0.00222 U		--		0.00262 U		--		--		--		0.00228 U		0.00243 U	
Endrin ketone				0.00186 U		0.00178 U		--		0.0021 U		--		--		--		0.00183 U		0.00194 U	
Heptachlor	0.042	2.1	0.38	0.000932 U		0.00089 U		--		0.00105 U		--		--		--		0.000914 U		0.000973 U	
Heptachlor epoxide				0.0035 U		0.00334 U		--		0.00393 U		--		--		--		0.00343 U		0.00365 U	
Lindane	0.1	1.3	0.1	0.000777 U		0.000742 U		--		0.000873 U		--		--		--		0.000762 U		0.000811 U	
Methoxychlor				0.0035 U		0.00334 U		--		0.00393 U		--		--		--		0.00343 U		0.00365 U	
Toxaphene				0.035 U		0.0334 U		--		0.0393 U		--		--		--		0.0343 U		0.0365 U	
trans-Chlordane				0.01		0.00584		--		0.00262 U		--		--		--		0.00228 U		0.00243 U	
Chlorinated Herbicides by GC																					
2,4,5-T				0.2 U		0.188 U		--		0.222 U		--		--		--		0.199 U		0.2 U	
2,4,5-TP (Silvex)	3.8	100	3.8	0.2 U		0.188 U		--		0.222 U		--		--		--		0.199 U		0.2 U	
2,4-D				0.2 U		0.188 U		--		0.222 U		--		--		--		0.199 U		0.2 U	
Total Metals																					
Aluminum, Total				3420		3710		5250		5600		3400		2880		2300		6620		4740	
Antimony, Total				23.6 U		22.5 U		4.84 U		5.42 U		50.4 U		19.8 U		45.7 U		4.7 U		23.6 U	
Arsenic, Total	13	16	16	14.1		34.8		20.2		13.6		8.97 J		3.72 J		8.42 J		4.52		5.82	
Barium, Total	350	400	820	40.4		44.2		351		76.5		57.6		36.6		31.6		142		72.8	
Beryllium, Total	7.2	72	47	2.36 U		2.25 U		0.549		0.362 J		5.04 U		1.98 U		4.57 U		0.444 J		0.318 J	
Cadmium, Total	2.5	4.3	7.5	4.72 U		4.5 U		0.391 J		0.168 J		10.1 U		3.97 U		9.14 U		0.94 U		4.73 U	
Calcium, Total				217000		124000		19900		25800		150000		150000		208000		2940		112000	
Chromium, Total				7.39		8.71		12.2		11.5		10.1 U		5.1		9.14 U		12.7		9.06	
Cobalt, Total				4.51 J		4.56 J		4.58		6.53		4.14 J		2.86 J		4.18 J		5.53		5.26 J	
Copper, Total	50	270	1720	37.1		21.8		37		33.5		28.3		27.8		20.2		4.83		15.5	
Cyanide, Total	27	27	40	1.2 U		1.1 U		1.2 U		1.3 U		1.3 U		1 U		1.1 U		1.1 U		1.2 U	
Iron, Total				8220		9670		11000		12500		8840		6220		7280		17600		11300	
Lead, Total	63	400	450	73.4		86		340		58.9		58.3		42.2		51.2		11.4		31	
Magnesium, Total				18400		17300		2480		5950		7030		15200		12800		3460		14600	
Manganese, Total	1600	2000	2000	381		298		252		293		225		260		254		127		355	
Mercury, Total	0.18	0.81	0.73	0.065 J		0.051 J		0.247		0.116		0.121		0.076		0.077 U		0.082 U		0.085 J	
Nickel, Total	30	310	130	9.85 J		12.7		9.54		18.4		11.7 J		6.91 J		8.86 J		21.8		17.8	
Potassium, Total				569 J		485 J		688		1050		700 J		348 J		2280 U		980		1010 J	
Selenium, Total	3.9	180	4	9.45 U		2.73 J		0.516 J		0.602 J		20.2 U		7.94 U		18.3 U		1.88 U		2.76 J	
Silver, Total	2	180	8.3	2.36 U		2.25 U		0.484 U		0.542 U		5.04 U		1.98 U		4.57 U		0.47 U		2.36 U	
Sodium, Total				945 U		901 U		246		217 U		2020 U		794 U		1830 U		188 U		945 U	
Thallium, Total				9.45 U		9.01 U		1.94 U		2.17 U		20.2 U		7.94 U		18.3 U		1.88 U		9.45 U	
Vanadium, Total				11.5		10.6		16.7		13.1		9.47 J		8.64		10.5		14.2		10.8	
Zinc, Total	109	10000	2480	74.7		73		135		93.9		90.6		38.3		69.2		23.4		39.4	

Table 2
Old Erie Commons - Remedial Investigation
Surface Soil Data Summary

LOCATION				SS-101		DUP-01		SS-102		SS-103		SS-104		SS-105		SS-106		SS-107		SS-108	
SAMPLING DATE				7/11/2025		7/11/2025		7/11/2025		7/11/2025		7/11/2025		7/30/2025		7/11/2025		7/11/2025		7/11/2025	
LAB SAMPLE ID				L2543652-01		L2543652-10		L2543652-02		L2543652-03		L2543652-04		L2547832-03		L2543652-05		L2543652-06		L2543652-07	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)				0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2	
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633																					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)				0.798 U		0.8 U		- -		0.796 U		- -		- -		- -		0.797 U		0.8 U	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)				0.798 U		0.8 U		- -		0.796 U		- -		- -		- -		0.797 U		0.8 U	
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)				0.798 U		0.8 U		- -		0.796 U		- -		- -		- -		0.797 U		0.8 U	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)				0.798 U		0.8 U		- -		0.796 U		- -		- -		- -		0.797 U		0.8 U	
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)				4.99 U		5 U		- -		4.98 U		- -		- -		- -		4.98 U		5 U	
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)				4.99 U		5 U		- -		4.98 U		- -		- -		- -		4.98 U		5 U	
3-Perfluoropropyl Propanoic Acid (3:3FTCA)				0.998 U		1 U		- -		0.996 U		- -		- -		- -		0.996 U		1 U	
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)				0.798 U		0.8 U		- -		0.796 U		- -		- -		- -		0.797 U		0.8 U	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)				0.798 U		0.8 U		- -		0.796 U		- -		- -		- -		0.797 U		0.8 U	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)				0.798 U		0.8 U		- -		0.796 U		- -		- -		- -		0.797 U		0.8 U	
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)				2 U		2 U		- -		1.99 U		- -		- -		- -		1.99 U		2 U	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)				2 U		2 U		- -		1.99 U		- -		- -		- -		1.99 U		2 U	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)				0.399 U		0.4 U		- -		0.398 U		- -		- -		- -		0.398 U		0.4 U	
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)				0.399 U		0.4 U		- -		0.398 U		- -		- -		- -		0.398 U		0.4 U	
Perfluoro-3-Methoxypropanoic Acid (PFMPA)				0.399 U		0.4 U		- -		0.398 U		- -		- -		- -		0.398 U		0.4 U	
Perfluoro-4-Methoxybutanoic Acid (PFMBA)				0.399 U		0.4 U		- -		0.398 U		- -		- -		- -		0.398 U		0.4 U	
Perfluorobutanesulfonic Acid (PFBS)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
Perfluorobutanoic Acid (PFBA)				0.082 J		0.088 J		- -		0.342 J		- -		- -		- -		0.129 J		0.17 J	
Perfluorodecanesulfonic Acid (PFDS)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
Perfluorodecanoic Acid (PFDA)				0.065 J		0.046 J		- -		0.454		- -		- -		- -		0.199 U		0.053 J	
Perfluorododecanesulfonic Acid (PFDoS)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
Perfluorododecanoic Acid (PFDoA)				0.2 U		0.2 U		- -		0.169 J		- -		- -		- -		0.199 U		0.034 J	
Perfluoroheptanesulfonic Acid (PFHpS)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
Perfluoroheptanoic Acid (PFHpA)				0.043 J		0.048 J		- -		0.212		- -		- -		- -		0.045 J		0.082 J	
Perfluorohexanesulfonic Acid (PFHxS)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.042 J	
Perfluorohexanoic Acid (PFHxA)				0.03 JF		0.2 U		- -		0.112 J		- -		- -		- -		0.199 U		0.046 J	
Perfluorononanesulfonic Acid (PFNS)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
Perfluorononanoic Acid (PFNA)				0.054 J		0.066 J		- -		0.427		- -		- -		- -		0.052 J		0.152 J	
Perfluorooctanesulfonamide (PFOSA)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	1	0.26		0.31		- -		1.14		- -		- -		- -		0.108 J		0.239	
Perfluorooctanoic Acid (PFOA)	0.66	33	0.8	0.052 J		0.045 J		- -		0.567		- -		- -		- -		0.096 J		0.112 J	
Perfluoropentanesulfonic Acid (PFPeS)				0.2 U		0.2 U		- -		0.199 U		- -		- -		- -		0.199 U		0.2 U	
Perfluoropentanoic Acid (PFPeA)				0.399 U		0.4 U		- -		0.121 J		- -		- -		- -		0.398 U		0.047 J	
Perfluorotetradecanoic Acid (PFTeDA)				0.2 U		0.2 U		- -		0.049 J		- -		- -		- -		0.199 U		0.2 U	
Perfluorotridecanoic Acid (PFTrDA)				0.2 U		0.2 U		- -		0.096 JF		- -		- -		- -		0.199 U		0.2 U	
Perfluoroundecanoic Acid (PFUnA)				0.058 J		0.054 J		- -		0.288		- -		- -		- -		0.199 U		0.074 J	
Asbestos in Bulk																					
Asbestos Fibers				ND		- -		ND		ND		ND		ND		- -		- -		- -	

Notes:

- Analytical data compared to NYSDEC Part 375-6.
- Results and soil cleanup objectives (SCO) in parts per million (ppm), except for PFAS which is in parts per billion (ppb).
- Analytes detected at concentrations greater than laboratory detections limits are **bolded**.
- Highlighted color indicates the respective use SCO(s) exceeded. Use type SCOs are listed from left to right from most restrictive to least restrictive.
- Blank space indicates that a SCO does not exist.
- Duplicate sample shown to the right of the parent sample.
- "J" indicates estimated concentration.
- "U" indicates analyte not detected at concentration greater than laboratory detection limit.
- "F" indicates 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.
- "I" indicates the lower value for the two columns has been reported due to obvious interference.
- "P" indicates the RPD between the results for the two columns exceeds the method-specified criteria.
- "ND" indicates that asbestos was not detected in the respective sample.
- "-" indicates that sample was not analyzed for that parameter.

Table 2
Old Erie Commons - Remedial Investigation
Surface Soil Data Summary

LOCATION				SS-109		SS-110		SS-111		SS-112		SS-113		SS-114		SS-115		SS-116		
SAMPLING DATE				7/11/2025		7/11/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		
LAB SAMPLE ID				L2543652-08		L2543652-09		L2547832-01		L2547832-02		L2547833-01		L2547833-02		L2547833-03		L2547833-04		
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMPLE DEPTH (in.)				0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2		
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																				
1,1,1-Trichloroethane	0.68	100	0.68	0.00093 U			0.00068 U		0.00057 U		0.00077 U	--	--	--	--	--	--	-	-	
1,1,2,2-Tetrachloroethane				0.00093 U			0.00068 U		0.00057 U		0.00077 U	--	--	--	--	--	--	-	-	
1,1,2-Trichloroethane				0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
1,1-Dichloroethane	0.27	26	0.27	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
1,1-Dichloroethene	0.33	100	0.33	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
1,2,4-Trichlorobenzene				0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
1,2-Dibromo-3-chloropropane				0.0056 U			0.0041 U		0.0034 U		0.0046 U	--	--	--	--	--	--	-	-	
1,2-Dibromoethane				0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
1,2-Dichlorobenzene	1.1	100	1.1	0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
1,2-Dichloroethane	0.02	3.1	0.02	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
1,2-Dichloropropane				0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
1,3-Dichlorobenzene	2.4	49	2.4	0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
1,4-Dichlorobenzene	1.8	13	1.8	0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
2-Butanone	0.12	100	0.12	0.019 U			0.014 U		0.011 U		0.015 U	--	--	--	--	--	--	-	-	
2-Hexanone				0.019 U			0.014 U		0.011 U		0.015 U	--	--	--	--	--	--	-	-	
4-Methyl-2-pentanone				0.019 U			0.014 U		0.011 U		0.015 U	--	--	--	--	--	--	-	-	
Acetone	0.05	100	0.05	0.013 J			0.014 U		0.011 U		0.015 U	--	--	--	--	--	--	-	-	
Benzene	0.06	4.8	0.06	0.00093 U			0.00068 U		0.00057 U		0.00077 U	--	--	--	--	--	--	-	-	
Bromodichloromethane				0.00093 U			0.00068 U		0.00057 U		0.00077 U	--	--	--	--	--	--	-	-	
Bromoform				0.0074 U			0.0055 U		0.0046 U		0.0061 U	--	--	--	--	--	--	-	-	
Bromomethane				0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
Carbon disulfide				0.019 U			0.014 U		0.011 U		0.015 U	--	--	--	--	--	--	-	-	
Carbon tetrachloride	0.76	2.4	0.76	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
Chlorobenzene	1.1	100	1.1	0.00093 U			0.00068 U		0.00057 U		0.00077 U	--	--	--	--	--	--	-	-	
Chloroethane				0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
Chloroform	0.37	49	0.37	0.0028 U			0.002 U		0.0017 U		0.0023 U	--	--	--	--	--	--	-	-	
Chloromethane				0.0074 U			0.0055 U		0.0046 U		0.0061 U	--	--	--	--	--	--	-	-	
cis-1,2-Dichloroethene	0.25	100	0.25	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
cis-1,3-Dichloropropene				0.00093 U			0.00068 U		0.00057 U		0.00077 U	--	--	--	--	--	--	-	-	
Cyclohexane				0.019 U			0.014 U		0.011 U		0.015 U	--	--	--	--	--	--	-	-	
Dibromochloromethane				0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
Dichlorodifluoromethane				0.019 U			0.014 U		0.011 U		0.015 U	--	--	--	--	--	--	-	-	
Ethylbenzene	1	41	1	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
Freon-113				0.0074 U			0.0055 U		0.0046 U		0.0061 U	--	--	--	--	--	--	-	-	
Isopropylbenzene				0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
Methyl Acetate				0.0074 U			0.0055 U		0.0046 U		0.0061 U	--	--	--	--	--	--	-	-	
Methyl cyclohexane				0.0074 U			0.0055 U		0.0046 U		0.0061 U	--	--	--	--	--	--	-	-	
Methyl tert butyl ether	0.93	100	0.93	0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
Methylene chloride	0.05	100	0.05	0.0093 U			0.0068 U		0.0057 U		0.0077 U	--	--	--	--	--	--	-	-	
n-Butylbenzene	12	100	12	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
n-Propylbenzene	3.9	100	3.9	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
Naphthalene	12	100	12	0.0074 U			0.0055 U		0.0046 U		0.0061 U	--	--	--	--	--	--	-	-	
o-Xylene				0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
p-Isopropyltoluene				0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
p/m-Xylene				0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
sec-Butylbenzene	11	100	11	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
Styrene				0.0019 U			0.00078 J		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
tert-Butylbenzene	5.9	100	5.9	0.0037 U			0.0027 U		0.0023 U		0.0031 U	--	--	--	--	--	--	-	-	
Tetrachloroethene	1.3	19	1.3	0.00093 U			0.00068 U		0.00057 U		0.00077 U	--	--	--	--	--	--	-	-	
Toluene	0.7	100	0.7	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
trans-1,2-Dichloroethene	0.19	100	0.19	0.0028 U			0.002 U		0.0017 U		0.0023 U	--	--	--	--	--	--	-	-	
trans-1,3-Dichloropropene				0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	
Trichloroethene	0.47	21	0.47	0.00093 U			0.00068 U		0.00057 U		0.00077 U	--	--	--	--	--	--	-	-	
Trichlorofluoromethane				0.0074 U			0.0055 U		0.0046 U		0.0061 U	--	--	--	--	--	--	-	-	
Vinyl chloride	0.02	0.9	0.02	0.0019 U			0.0014 U		0.0011 U		0.0015 U	--	--	--	--	--	--	-	-	

Table 2
Old Erie Commons - Remedial Investigation
Surface Soil Data Summary

LOCATION				SS-109		SS-110		SS-111		SS-112		SS-113		SS-114		SS-115		SS-116	
SAMPLING DATE				7/11/2025		7/11/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025	
LAB SAMPLE ID				L2543652-08		L2543652-09		L2547832-01		L2547832-02		L2547833-01		L2547833-02		L2547833-03		L2547833-04	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)				0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2	
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																			
1,2,4,5-Tetrachlorobenzene				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
1,4-Dioxane	0.1	13	0.1	0.036	U	--		0.026	U	0.028	U	--		--		--		-	-
2,3,4,6-Tetrachlorophenol				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2,4,5-Trichlorophenol				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2,4,6-Trichlorophenol				0.14	U	0.13	U	0.1	U	0.11	U	--		--		--		-	-
2,4-Dichlorophenol				0.22	U	0.2	U	0.16	U	0.17	U	--		--		--		-	-
2,4-Dimethylphenol				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2,4-Dinitrophenol				1.2	U	1.1	U	0.83	U	0.89	U	--		--		--		-	-
2,4-Dinitrotoluene				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2,6-Dinitrotoluene				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2-Chloronaphthalene				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2-Chlorophenol				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2-Methylnaphthalene				0.29	U	0.059	J	0.1	J	0.12	J	--		--		--		-	-
2-Methylphenol	0.33	100	0.33	0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2-Nitroaniline				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
2-Nitrophenol				0.52	U	0.48	U	0.37	U	0.4	U	--		--		--		-	-
3,3'-Dichlorobenzidine				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.35	U	0.32	U	0.032	J	0.27	U	--		--		--		-	-
3-Nitroaniline				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
4,6-Dinitro-o-cresol				0.63	U	0.58	U	0.45	U	0.48	U	--		--		--		-	-
4-Bromophenyl phenyl ether				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
4-Chloroaniline				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
4-Chlorophenyl phenyl ether				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
4-Nitroaniline				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
4-Nitrophenol				0.34	U	0.31	U	0.24	U	0.26	U	--		--		--		-	-
Acenaphthene	20	100	98	0.19	U	0.091	J	0.3		0.17		--		--		--		-	-
Acenaphthylene	100	100	107	0.064	J	0.1	J	0.24		0.23		--		--		--		-	-
Acetophenone				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
Anthracene	100	100	1000	0.068	J	0.46		0.72		0.55		--		--		--		-	-
Atrazine				0.19	U	0.18	U	0.14	U	0.15	U	--		--		--		-	-
Benzaldehyde				0.32	U	0.29	U	0.23	U	0.085	J	--		--		--		-	-
Benzo(a)anthracene	1	1	1	0.3		1.4		1.3		1.3		--		--		--		-	-
Benzo(a)pyrene	1	1	22	0.34		1.6		1.2		1.1		--		--		--		-	-
Benzo(b)fluoranthene	1	1	1.7	0.49		1.8		1.5		1.6		--		--		--		-	-
Benzo(ghi)perylene	100	100	1000	0.22		0.96		0.69		0.77		--		--		--		-	-
Benzo(k)fluoranthene	0.8	3.9	1.7	0.15		0.63		0.49		0.44		--		--		--		-	-
Biphenyl				0.55	U	0.5	U	0.029	J	0.026	J	--		--		--		-	-
Bis(2-chloroethoxy)methane				0.26	U	0.24	U	0.19	U	0.2	U	--		--		--		-	-
Bis(2-chloroethyl)ether				0.22	U	0.2	U	0.16	U	0.17	U	--		--		--		-	-
Bis(2-chloroisopropyl)ether				0.29	U	0.26	U	0.21	U	0.22	U	--		--		--		-	-
Bis(2-ethylhexyl)phthalate				0.24	U	0.22	U	0.17	U	0.075	J	--		--		--		-	-
Butyl benzyl phthalate				0.24	U	0.1	J	0.17	U	0.18	U	--		--		--		-	-
Caprolactam				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
Carbazole				0.093	J	0.11	J	0.3		0.2		--		--		--		-	-
Chrysene	1	3.9	1	0.37		1.3		1.2		1.2		--		--		--		-	-
Di-n-butylphthalate				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
Di-n-octylphthalate				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.05	J	0.23		0.18		0.21		--		--		--		-	-
Dibenzofuran	7	59	210	0.031	J	0.076	J	0.2		0.14	J	--		--		--		-	-
Diethyl phthalate				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
Dimethyl phthalate				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
Fluoranthene	100	100	1000	0.88		2.6		2.5		2.3		--		--		--		-	-
Fluorene	30	100	386	0.035	J	0.14	J	0.35		0.2		--		--		--		-	-
Hexachlorobenzene	0.33	1.2	3.2	0.14	U	0.13	U	0.1	U	0.11	U	--		--		--		-	-
Hexachlorobutadiene				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
Hexachlorocyclopentadiene				0.7	U	0.63	U	0.49	U	0.53	U	--		--		--		-	-
Hexachloroethane				0.19	U	0.18	U	0.14	U	0.15	U	--		--		--		-	-
Indeno(1,2,3-cd)pyrene	0.5	0.5	8.2	0.24		1		0.68		0.76		--		--		--		-	-
Isophorone				0.22	U	0.2	U	0.16	U	0.17	U	--		--		--		-	-
n-Nitrosodi-n-propylamine				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-
Naphthalene	12	100	12	0.04	J	0.11	J	0.28		0.21		--		--		--		-	-
NDPA/DPA				0.19	U	0.18	U	0.14	U	0.15	U	--		--		--		-	-
Nitrobenzene				0.22	U	0.2	U	0.16	U	0.17	U	--		--		--		-	-
p-Chloro-m-cresol				0.24	U	0.22	U	0.17	U	0.18	U	--		--		--		-	-

Table 2
Old Erie Commons - Remedial Investigation
Surface Soil Data Summary

LOCATION				SS-109		SS-110		SS-111		SS-112		SS-113		SS-114		SS-115		SS-116	
SAMPLING DATE				7/11/2025		7/11/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025	
LAB SAMPLE ID				L2543652-08		L2543652-09		L2547832-01		L2547832-02		L2547833-01		L2547833-02		L2547833-03		L2547833-04	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)				0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2	
	Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Pentachlorophenol	0.8	6.7	0.8	0.19	U	0.18	U	0.14	U	0.15	U	-	-	-	-	-	-	-	-
Phenanthrene	100	100	1000	0.64		1.4		2.3		1.7		-	-	-	-	-	-	-	-
Phenol	0.33	100	0.33	0.24	U	0.22	U	0.17	U	0.18	U	-	-	-	-	-	-	-	-
Pyrene	100	100	1000	0.71		2.1		1.9		1.9		-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																			
Aroclor 1016	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	0.1	1	3.2	0.0684	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC																			
4,4'-DDD	0.0033	13	14	0.00227	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.0033	8.9	17	0.00227	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.0033	7.9	136	0.00199	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	0.005	0.097	0.19	0.00227	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	0.02	0.48	0.02	0.000944	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	0.036	0.36	0.09	0.00227	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane				0.0189	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	0.094	4.2	2.9	0.00283	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	0.04	100	0.25	0.00227	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.005	0.2	0.1	0.00142	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	2.4	24	102	0.00227	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	2.4	24	102	0.00227	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	2.4	24	1000	0.000944	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	0.014	11	0.06	0.000944	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde				0.00283	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone				0.00227	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	0.042	2.1	0.38	0.00113	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide				0.00425	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	0.1	1.3	0.1	0.000944	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor				0.00425	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene				0.0425	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane				0.00283	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorinated Herbicides by GC																			
2,4,5-T				0.242	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	3.8	100	3.8	0.242	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-D				0.242	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Metals																			
Aluminum, Total				6690		4600		1240		5230		-	-	-	-	-	-	-	-
Antimony, Total				5.92	U	5.3	U	41.1	U	4.22	U	-	-	-	-	-	-	-	-
Arsenic, Total	13	16	16	7.85		4.91		8.23	U	6.49		-	-	-	-	-	-	-	-
Barium, Total	350	400	820	103		67.5		17.5		85.8		-	-	-	-	-	-	-	-
Beryllium, Total	7.2	72	47	0.441	J	0.265	J	4.11	U	0.34	J	-	-	-	-	-	-	-	-
Cadmium, Total	2.5	4.3	7.5	0.482	J	1.06	U	8.23	U	0.245	J	-	-	-	-	-	-	-	-
Calcium, Total				14200		23400		270000		40800		-	-	-	-	-	-	-	-
Chromium, Total				14.3		9.21		8.23	U	8.5		-	-	-	-	-	-	-	-
Cobalt, Total				6.47		5.09		16.4	U	7.89		-	-	-	-	-	-	-	-
Copper, Total	50	270	1720	72		14.4		7.7	J	89.8		-	-	-	-	-	-	-	-
Cyanide, Total	27	27	40	1.4	U	0.31	J	1	U	1.1	U	-	-	-	-	-	-	-	-
Iron, Total				17200		10300		3210		11400		-	-	-	-	-	-	-	-
Lead, Total	63	400	450	190		33.8		18.6	J	92.5		81.9		33.1		63.7		212	
Magnesium, Total				5700		9290		6600		11900		-	-	-	-	-	-	-	-
Manganese, Total	1600	2000	2000	396		311		137		302		-	-	-	-	-	-	-	-
Mercury, Total	0.18	0.81	0.73	1.15		0.11		0.147		0.106		-	-	-	-	-	-	-	-
Nickel, Total	30	310	130	15.9		15.3		20.6	U	14.1		-	-	-	-	-	-	-	-
Potassium, Total				1100		941		2060	U	572		-	-	-	-	-	-	-	-
Selenium, Total	3.9	180	4	0.896	J	2.12	U	16.4	U	1.69	U	-	-	-	-	-	-	-	-
Silver, Total	2	180	8.3	0.592	U	0.809		4.11	U	0.422	U	-	-	-	-	-	-	-	-
Sodium, Total				237	U	212	U	1640	U	176		-	-	-	-	-	-	-	-
Thallium, Total				2.37	U	2.12	U	16.4	U	1.69	U	-	-	-	-	-	-	-	-
Vanadium, Total				16.3		10.2		4	J	11.9		-	-	-	-	-	-	-	-
Zinc, Total	109	10000	2480	231		46.8		19	J	77		-	-	-	-	-	-	-	-

Table 2
Old Erie Commons - Remedial Investigation
Surface Soil Data Summary

LOCATION				SS-109		SS-110		SS-111		SS-112		SS-113		SS-114		SS-115		SS-116	
SAMPLING DATE				7/11/2025		7/11/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025		7/30/2025	
LAB SAMPLE ID				L2543652-08		L2543652-09		L2547832-01		L2547832-02		L2547833-01		L2547833-02		L2547833-03		L2547833-04	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (in.)				0-2		0-2		0-2		0-2		0-2		0-2		0-2		0-2	
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633																			
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)								0.798	U	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)								0.798	U	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)								0.798	U	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)								0.798	U	-	-	-	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)								4.98	U	-	-	-	-	-	-	-	-	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)								4.98	U	-	-	-	-	-	-	-	-	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)								0.997	U	-	-	-	-	-	-	-	-	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)								0.798	U	-	-	-	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)								0.798	U	-	-	-	-	-	-	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)								0.798	U	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctane Sulfonamide (NETFOSA)								0.199	U	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NETFOSE)								1.99	U	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NETFOSAA)								0.199	U	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)								0.199	U	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)								1.99	U	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)								0.199	U	-	-	-	-	-	-	-	-	-	-
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)								0.399	U	-	-	-	-	-	-	-	-	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)								0.399	U	-	-	-	-	-	-	-	-	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)								0.399	U	-	-	-	-	-	-	-	-	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)								0.399	U	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)								0.057	J	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)								0.56	J	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)								0.199	U	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)								0.144	J	-	-	-	-	-	-	-	-	-	-
Perfluorododecanesulfonic Acid (PFDoS)								0.199	U	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)								0.049	J	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)								0.199	U	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)								0.283		-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)								0.056	JF	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)								0.196	J	-	-	-	-	-	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)								0.199	U	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)								0.436		-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)								0.199	U	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	1					1.53		-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	0.66	33	0.8					0.93		-	-	-	-	-	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)								0.199	U	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)								0.19	J	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)								0.199	U	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)								0.053	JF	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)								0.182	J	-	-	-	-	-	-	-	-	-	-
Asbestos in Bulk																			
Asbestos Fibers								-	-	-	-	-	-	-	-	-	-	-	-

Notes:

- Analytical data compared to NYSDEC Part 375-6.
- Results and soil cleanup objectives (SCO) in parts per million (ppm), except for PFAS which is in parts per billion (ppb).
- Analytes detected at concentrations greater than laboratory detections limits are **bolded**.
- Highlighted color indicates the respective use SCO(s) exceeded. Use type SCOs are listed from left to right from most restrictive to least restrictive.
- Blank space indicates that a SCO does not exist.
- Duplicate sample shown to the right of the parent sample.
- "J" indicates estimated concentration.
- "U" indicates analyte not detected at concentration greater than laboratory detection limit.
- "F" indicates 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.
- "I" indicates the lower value for the two columns has been reported due to obvious interference.
- "P" indicates the RPD between the results for the two columns exceeds the method-specified criteria.
- "ND" indicates that asbestos was not detected in the respective sample.
- "-" indicates that sample was not analyzed for that parameter.

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-101 FILL		TP-101 NATIVE		TP-102 FILL		TP-102 NATIVE		TP-103 FILL		TP-103 NATIVE		TP-104 FILL		TP-104 NATIVE		TP-105 FILL		DUP-02	
SAMPLING DATE				7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025	
LAB SAMPLE ID				L2547432-01		L2547432-02		L2547174-01		L2547174-02		L2547174-03		L2547174-04		L2547174-05		L2547174-06		L2547432-15		L2547432-17	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				1-1.5		2.5-3		1.5-2		3-3.5		3-4		6-7		2-3		6-6.5		2-3		2-3	
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Volatile Organics by EPA 5035																							
1,1,1-Trichloroethane	0.68	100	0.68	0.0006 U	0.00053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00085 U	0.00083 U			
1,1,2,2-Tetrachloroethane				0.0006 U	0.00053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00085 U	0.00083 U			
1,1,2-Trichloroethane				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
1,2,4-Trichlorobenzene				0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
1,2-Dibromo-3-chloropropane				0.0036 U	0.0032 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0051 U	0.005 U			
1,2-Dibromoethane				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
1,2-Dichlorobenzene	1.1	100	1.1	0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
1,2-Dichloropropane				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
1,3-Dichlorobenzene	2.4	49	2.4	0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
1,4-Dichlorobenzene	1.8	13	1.8	0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
2-Butanone	0.12	100	0.12	0.012 U	0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.017 U	0.016 U			
2-Hexanone				0.012 U	0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.017 U	0.016 U			
4-Methyl-2-pentanone				0.012 U	0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.017 U	0.016 U			
Acetone	0.05	100	0.05	0.012 U	0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.017 U	0.016 U			
Benzene	0.06	4.8	0.06	0.0006 U	0.00053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00085 U	0.00083 U			
Bromodichloromethane				0.0006 U	0.00053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00085 U	0.00083 U			
Bromoform				0.0048 U	0.0042 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0068 U	0.0066 U			
Bromomethane				0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
Carbon disulfide				0.012 U	0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.017 U	0.016 U			
Carbon tetrachloride	0.76	2.4	0.76	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
Chlorobenzene	1.1	100	1.1	0.0006 U	0.00053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00085 U	0.00083 U			
Chloroethane				0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
Chloroform	0.37	49	0.37	0.0018 U	0.0016 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0025 U	0.0025 U			
Chloromethane				0.0048 U	0.0042 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0068 U	0.0066 U			
cis-1,2-Dichloroethene	0.25	100	0.25	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
cis-1,3-Dichloropropene				0.0006 U	0.00053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00085 U	0.00083 U			
Cyclohexane				0.012 U	0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.017 U	0.016 U			
Dibromochloromethane				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
Dichlorodifluoromethane				0.012 U	0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.017 U	0.016 U			
Ethylbenzene	1	41	1	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
Freon-113				0.0048 U	0.0042 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0068 U	0.0066 U			
Isopropylbenzene				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
Methyl Acetate				0.0048 U	0.0042 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0068 U	0.0066 U			
Methyl cyclohexane				0.0048 U	0.0042 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0068 U	0.0066 U			
Methyl tert butyl ether	0.93	100	0.93	0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
Methylene chloride	0.05	100	0.05	0.006 U	0.0053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0085 U	0.0083 U			
n-Butylbenzene	12	100	12	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
n-Propylbenzene	3.9	100	3.9	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
Naphthalene	12	100	12	0.0013 J	0.0042 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0068 U	0.0066 U			
o-Xylene				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
p-Isopropyltoluene				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
p/m-Xylene				0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
sec-Butylbenzene	11	100	11	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
Styrene				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
tert-Butylbenzene	5.9	100	5.9	0.0024 U	0.0021 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0034 U	0.0033 U			
Tetrachloroethene	1.3	19	1.3	0.0006 U	0.00053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00085 U	0.00083 U			
Toluene	0.7	100	0.7	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
trans-1,2-Dichloroethene	0.19	100	0.19	0.0018 U	0.0016 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0025 U	0.0025 U			
trans-1,3-Dichloropropene				0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			
Trichloroethene	0.47	21	0.47	0.0006 U	0.00053 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00085 U	0.00083 U			
Trichlorofluoromethane				0.0048 U	0.0042 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0068 U	0.0066 U			
Vinyl chloride	0.02	0.9	0.02	0.0012 U	0.001 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0017 U	0.0016 U			

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-101 FILL	TP-101 NATIVE	TP-102 FILL	TP-102 NATIVE	TP-103 FILL	TP-103 NATIVE	TP-104 FILL	TP-104 NATIVE	TP-105 FILL	DUP-02			
SAMPLING DATE				7/29/2025	7/29/2025	7/28/2025	7/28/2025	7/28/2025	7/28/2025	7/28/2025	7/28/2025	7/29/2025	7/29/2025			
LAB SAMPLE ID				L2547432-01	L2547432-02	L2547174-01	L2547174-02	L2547174-03	L2547174-04	L2547174-05	L2547174-06	L2547432-15	L2547432-17			
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
SAMPLE DEPTH (ft.)				1-1.5	2.5-3	1.5-2	3-3.5	3-4	6-7	2-3	6-6.5	2-3	2-3			
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																
1,2,4,5-Tetrachlorobenzene				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
1,4-Dioxane	0.1	13	0.1	0.027 U	0.031 U	0.028 U	0.032 U	0.034 U	0.029 U	0.16 U	0.029 U	0.033 U	0.033 U			
2,3,4,6-Tetrachlorophenol				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
2,4,5-Trichlorophenol				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
2,4,6-Trichlorophenol				0.11 U	0.12 U	0.11 U	0.13 U	0.14 U	0.12 U	0.64 U	0.12 U	0.13 U	0.13 U			
2,4-Dichlorophenol				0.16 U	0.19 U	0.17 U	0.19 U	0.2 U	0.18 U	0.96 U	0.18 U	0.2 U	0.2 U			
2,4-Dimethylphenol				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
2,4-Dinitrophenol				0.87 U	1 U	0.9 U	1 U	1.1 U	0.94 U	5.1 U	0.94 U	1 U	1 U			
2,4-Dinitrotoluene				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
2,6-Dinitrotoluene				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
2-Chloronaphthalene				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.024 J	0.22 U			
2-Chlorophenol				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
2-Methylnaphthalene				0.16 J	0.25 U	0.22 U	0.26 U	0.062 J	0.24 U	0.74 J	0.23 U	0.52	0.34			
2-Methylphenol	0.33	100	0.33	0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
2-Nitroaniline				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
2-Nitrophenol				0.39 U	0.45 U	0.4 U	0.46 U	0.49 U	0.42 U	2.3 U	0.42 U	0.47 U	0.48 U			
3,3'-Dichlorobenzidine				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.045 J	0.3 U	0.27 U	0.31 U	0.32 U	0.28 U	1.5 U	0.28 U	0.074 J	0.07 J			
3-Nitroaniline				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
4,6-Dinitro-o-cresol				0.47 U	0.54 U	0.48 U	0.56 U	0.58 U	0.51 U	2.8 U	0.51 U	0.57 U	0.57 U			
4-Bromophenyl phenyl ether				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
4-Chloroaniline				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
4-Chlorophenyl phenyl ether				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
4-Nitroaniline				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
4-Nitrophenol				0.26 U	0.29 U	0.26 U	0.3 U	0.32 U	0.28 U	1.5 U	0.27 U	0.3 U	0.31 U			
Acenaphthene	20	100	98	0.18	0.17 U	0.15 U	0.17 U	0.075 J	0.16 U	0.86 U	0.16 U	0.87	0.52			
Acenaphthylene	100	100	107	1	0.12 J	0.15 U	0.17 U	0.22	0.16 U	1.2	0.16 U	0.14 J	0.15 J			
Acetophenone				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.035 J	0.22 U			
Anthracene	100	100	1000	0.96	0.094 J	0.11 U	0.13 U	0.29	0.12 U	0.56 J	0.12 U	1.6	1			
Atrazine				0.14 U	0.17 U	0.15 U	0.17 U	0.18 U	0.16 U	0.86 U	0.16 U	0.17 U	0.18 U			
Benzaldehyde				0.24 U	0.28 U	0.25 U	0.28 U	0.3 U	0.26 U	1.4 U	0.26 U	0.11 J	0.086 J			
Benzo(a)anthracene		1	1	3	0.34	0.073 J	0.13 U	0.67	0.12 U	1.9	0.12 U	3.5	2.4			
Benzo(a)pyrene	1	1	22	3	0.31	0.066 J	0.17 U	0.61	0.16 U	2.5	0.16 U	3.2	2.2			
Benzo(b)fluoranthene	1	1	1.7	4	0.39	0.088 J	0.13 U	0.81	0.12 U	3.9	0.12 U	4.4	3			
Benzo(ghi)perylene	100	100	1000	1.8	0.17	0.058 J	0.17 U	0.42	0.16 U	1.9	0.16 U	1.6	1			
Benzo(k)fluoranthene	0.8	3.9	1.7	1	0.13	0.11 U	0.13 U	0.21	0.12 U	1	0.12 U	1.1	0.84			
Biphenyl				0.033 J	0.48 U	0.42 U	0.49 U	0.51 U	0.45 U	2.4 U	0.45 U	0.095 J	0.064 J			
Bis(2-chloroethoxy)methane				0.2 U	0.22 U	0.2 U	0.23 U	0.24 U	0.21 U	1.2 U	0.21 U	0.24 U	0.24 U			
Bis(2-chloroethyl)ether				0.16 U	0.19 U	0.17 U	0.19 U	0.2 U	0.18 U	0.96 U	0.18 U	0.2 U	0.2 U			
Bis(2-chloroisopropyl)ether				0.22 U	0.25 U	0.22 U	0.26 U	0.27 U	0.24 U	1.3 U	0.23 U	0.26 U	0.26 U			
Bis(2-ethylhexyl)phthalate				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
Butyl benzyl phthalate				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
Caprolactam				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
Carbazole				0.21	0.21 U	0.19 U	0.21 U	0.15 J	0.2 U	0.73 J	0.2 U	0.8	0.49			
Chrysene	1	3.9	1	2.4	0.3	0.075 J	0.13 U	0.71	0.12 U	2.7	0.12 U	3.1	2.2			
Di-n-butylphthalate				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	0.22 J	0.2 U	0.22 U	0.22 U			
Di-n-octylphthalate				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.5	0.051 J	0.11 U	0.13 U	0.1 J	0.12 U	0.49 J	0.12 U	0.44	0.28			
Dibenzofuran	7	59	210	0.14 J	0.21 U	0.19 U	0.21 U	0.063 J	0.2 U	0.46 J	0.2 U	0.55	0.34			
Diethyl phthalate				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
Dimethyl phthalate				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
Fluoranthene	100	100	1000	3.9	0.52	0.17	0.13 U	1.3	0.12 U	4.7	0.12 U	6	4			
Fluorene	30	100	386	0.25	0.026 J	0.19 U	0.21 U	0.1 J	0.2 U	0.34 J	0.2 U	0.8	0.44			
Hexachlorobenzene	0.33	1.2	3.2	0.11 U	0.12 U	0.11 U	0.13 U	0.14 U	0.12 U	0.64 U	0.12 U	0.13 U	0.13 U			
Hexachlorobutadiene				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
Hexachlorocyclopentadiene				0.52 U	0.6 U	0.53 U	0.61 U	0.64 U	0.56 U	3.1 U	0.56 U	0.62 U	0.63 U			
Hexachloroethane				0.14 U	0.17 U	0.15 U	0.17 U	0.18 U	0.16 U	0.86 U	0.16 U	0.17 U	0.18 U			
Indeno(1,2,3-cd)pyrene	0.5	0.5	8.2	2	0.18	0.044 J	0.17 U	0.42	0.16 U	2.2	0.16 U	1.8	1.2			
Isophorone				0.16 U	0.19 U	0.17 U	0.19 U	0.2 U	0.18 U	0.96 U	0.18 U	0.2 U	0.2 U			
n-Nitrosodi-n-propylamine				0.18 U	0.21 U	0.19 U	0.21 U	0.22 U	0.2 U	1.1 U	0.2 U	0.22 U	0.22 U			
Naphthalene	12	100	12	0.28	0.033 J	0.19 U	0.21 U	0.11 J	0.2 U	0.55 J	0.2 U	0.96	0.64			
NDPA/DPA				0.14 U	0.17 U	0.15 U	0.17 U	0.18 U	0.16 U	0.86 U	0.16 U	0.17 U	0.18 U			
Nitrobenzene				0.16 U	0.19 U	0.17 U	0.19 U	0.2 U	0.18 U	0.96 U	0.18 U	0.2 U	0.2 U			

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-101 FILL		TP-101 NATIVE		TP-102 FILL		TP-102 NATIVE		TP-103 FILL		TP-103 NATIVE		TP-104 FILL		TP-104 NATIVE		TP-105 FILL		DUP-02	
SAMPLING DATE				7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025	
LAB SAMPLE ID				L2547432-01		L2547432-02		L2547174-01		L2547174-02		L2547174-03		L2547174-04		L2547174-05		L2547174-06		L2547432-15		L2547432-17	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				1-1.5		2.5-3		1.5-2		3-3.5		3-4		6-7		2-3		6-6.5		2-3		2-3	
	Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Chloro-m-cresol				0.18 U		0.21 U		0.19 U		0.21 U		0.22 U		0.2 U		1.1 U		0.2 U		0.22 U		0.22 U	
Pentachlorophenol	0.8	6.7	0.8	0.14 U		0.17 U		0.15 U		0.17 U		0.18 U		0.16 U		0.86 U		0.16 U		0.17 U		0.18 U	
Phenanthrene	100	100	1000	1.9		0.2		0.16		0.13 U		1.1		0.12 U		2.7		0.12 U		5.9		3.5	
Phenol	0.33	100	0.33	0.18 U		0.21 U		0.19 U		0.21 U		0.22 U		0.2 U		1.1 U		0.2 U		0.22 U		0.22 U	
Pyrene	100	100	1000	3.4		0.45		0.14		0.13 U		1.2		0.12 U		3.7		0.12 U		4.8		3.3	
Polychlorinated Biphenyls by GC																							
Aroclor 1016	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Aroclor 1221	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Aroclor 1232	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Aroclor 1242	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Aroclor 1248	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Aroclor 1254	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Aroclor 1260	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Aroclor 1262	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Aroclor 1268	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
PCBs, Total	0.1	1	3.2	0.053 U		0.0584 U		- -		- -		0.0654 U		0.058 U		- -		- -		0.064 U		0.0642 U	
Organochlorine Pesticides by GC																							
4,4'-DDD	0.0033	13	14	0.00188 IP		0.00073 JIP		- -		- -		0.00215 U		0.00185 U		- -		- -		0.000969 JIP		0.0021 U	
4,4'-DDE	0.0033	8.9	17	0.00246		0.000974 J		- -		- -		0.00215 U		0.00185 U		- -		- -		0.00326		0.0021 U	
4,4'-DDT	0.0033	7.9	136	0.00958		0.00292		- -		- -		0.00215 U		0.00185 U		- -		- -		0.00324 IP		0.0021 U	
Aldrin	0.005	0.097	0.19	0.00174 U		0.00201 U		- -		- -		0.00215 U		0.00185 U		- -		- -		0.00204 U		0.0021 U	
Alpha-BHC	0.02	0.48	0.02	0.000725 U		0.000839 U		- -		- -		0.000898 U		0.000772 U		- -		- -		0.000848 U		0.000873 U	
Beta-BHC	0.036	0.36	0.09	0.00174 U		0.00201 U		- -		- -		0.00215 U		0.00185 U		- -		- -		0.00204 U		0.0021 U	
cis-Chlordane	0.094	4.2	2.9	0.0148 IP		0.00948		- -		- -		0.00269 U		0.00231 U		- -		- -		0.00254 U		0.000773 JIP	
Delta-BHC	0.04	100	0.25	0.00174 U		0.00201 U		- -		- -		0.00215 U		0.00185 U		- -		- -		0.00204 U		0.0021 U	
Dieldrin	0.005	0.2	0.1	0.00109 U		0.00126 U		- -		- -		0.00135 U		0.00116 U		- -		- -		0.00127 U		0.00131 U	
Endosulfan I	2.4	24	102	0.00174 U		0.00201 U		- -		- -		0.00215 U		0.00185 U		- -		- -		0.00204 U		0.0021 U	
Endosulfan II	2.4	24	102	0.00174 U		0.00201 U		- -		- -		0.00215 U		0.00185 U		- -		- -		0.00204 U		0.0021 U	
Endosulfan sulfate	2.4	24	1000	0.000725 U		0.000839 U		- -		- -		0.000898 U		0.000772 U		- -		- -		0.000848 U		0.000873 U	
Endrin	0.014	11	0.06	0.000725 U		0.000839 U		- -		- -		0.000898 U		0.000772 U		- -		- -		0.000848 U		0.000873 U	
Heptachlor	0.042	2.1	0.38	0.00087 U		0.00101 U		- -		- -		0.00108 U		0.000926 U		- -		- -		0.00102 U		0.00105 U	
Lindane	0.1	1.3	0.1	0.000725 U		0.000839 U		- -		- -		0.000898 U		0.000772 U		- -		- -		0.000848 U		0.000873 U	
Chlorinated Herbicides by GC																							
2,4,5-TP (Silvex)	3.8	100	3.8	0.186 U		0.211 U		- -		- -		0.227 U		0.2 U		- -		- -		0.216 U		0.217 U	
Total Metals																							
Aluminum, Total				1020		6750		2680		2460		7500		6180		2760		5610		3030		5510	
Antimony, Total				4.35 U		4.87 U		4.3 U		26.1 U		5.29 U		4.74 U		4.96 U		4.67 U		5.15 U		5.17 U	
Arsenic, Total	13	16	16	3.02		3.88		12.6		3.14 J		42.4		4.16		9.8		3.66		12.4		14.5	
Barium, Total	350	400	820	68.3		52.4		29.6		70.1		104		69.7		92.3		105		139		167	
Beryllium, Total	7.2	72	47	0.075 J		0.348 J		0.169 J		2.61 U		0.463 J		0.358 J		0.474 J		0.334 J		0.652		1.16	
Cadmium, Total	2.5	4.3	7.5	0.14 J		0.202 J		0.86 U		5.22 U		0.068 J		0.949 U		0.184 J		0.933 U		0.474 J		0.529 J	
Calcium, Total				31900		23300		12300		194000		30600		19500		13600		2140		14800		22100	
Chromium, Total				2.66		10.8		5.38		4.97 J		12.4		10.6		6.75		11.5		7.69		9.82	
Cobalt, Total				1.14 J		6.62		4.01		2.06 J		7.24		6.09		4.99		5.2		4.58		5.89	
Copper, Total	50	270	1720	13.8		52.7		40.1		2.8 J		14.3		1.01		71.6		1.24		30		43.6	
Cyanide, Total	27	27	40	1.1 U		1.2 U		1.1 U		1.3 U		1.3 U		1.1 U		0.36 J		1.1 U		1.2 U		1.2 U	
Iron, Total				2830		14700		6710		8790		19900		17000		11500		12300		11400		11300	
Lead, Total	63	400	450	51.6		178		44.6		17.5 J		67.1		2.66 J		128		1.96 J		118		203	
Magnesium, Total				4150		14200		11300		6840		8290		6460		2340		4140		6580		4380	
Manganese, Total	1600	2000	2000	102		341		215		1130		468		335		160		111		223		226	
Mercury, Total	0.18	0.81	0.73	0.162		0.345		0.075 U		0.105 U		0.069 J		0.088 U		0.131		0.076 U		0.089		0.172	
Nickel, Total	30	310	130	2.79		17		8.2		6.86 J		14.4		23.2		10.8		22.1		9.16		12.9	
Potassium, Total				189 J		664		384		615 J		856		1240		368		1250		427		725	
Selenium, Total	3.9	180	4	1.74 U		1.95 U		1.72 U		10.4 U		0.547 J		1.9 U		0.847 J		1.87 U		0.569 J		0.539 J	
Silver, Total	2	180	8.3	0.435 U		0.487 U		0.43 U		2.61 U		0.529 U		0.474 U		0.496 U		0.467 U		0.515 U		0.517 U	
Sodium, Total				174 U		195 U		172 U		1040 U		212 U		190 U		199 U		187 U		206 U		162 J	
Thallium, Total				1.74 U		1.95 U		1.72 U		10.4 U		2.12 U		1.9 U		1.99 U		1.87 U		2.06 U		2.07 U	
Vanadium, Total				3.09		11.5		10.5		6.42		20		12.8		13.8		11.7		20.9		18.6	
Zinc, Total	109	10000	2480	41.6		95.9		30.4		9.4 J		67.6		18.9		138		18.8		114		157	

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-101 FILL		TP-101 NATIVE		TP-102 FILL		TP-102 NATIVE		TP-103 FILL		TP-103 NATIVE		TP-104 FILL		TP-104 NATIVE		TP-105 FILL		DUP-02		
SAMPLING DATE				7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025		
LAB SAMPLE ID				L2547432-01		L2547432-02		L2547174-01		L2547174-02		L2547174-03		L2547174-04		L2547174-05		L2547174-06		L2547432-15		L2547432-17		
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMPLE DEPTH (ft.)				1-1.5		2.5-3		1.5-2		3-3.5		3-4		6-7		2-3		6-6.5		2-3		2-3		
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633																								
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11CI-PF3OUdS)							0.896 U	1.02 U	- -	- -	- -	- -	0.8 U	0.799 U	- -	- -	- -	- -	- -	- -	1.06 U	1.07 U		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)							0.896 U	1.02 U	- -	- -	- -	- -	0.8 U	0.799 U	- -	- -	- -	- -	- -	- -	1.06 U	1.07 U		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)							0.896 U	1.02 U	- -	- -	- -	- -	0.8 U	0.799 U	- -	- -	- -	- -	- -	- -	1.06 U	1.07 U		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)							0.896 U	1.02 U	- -	- -	- -	- -	0.8 U	0.799 U	- -	- -	- -	- -	- -	- -	1.06 U	1.07 U		0.238 J
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)							5.6 U	6.38 U	- -	- -	- -	- -	5 U	5 U	- -	- -	- -	- -	- -	- -	6.61 U	6.68 U		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)							5.6 U	6.38 U	- -	- -	- -	- -	5 U	5 U	- -	- -	- -	- -	- -	- -	6.61 U	6.68 U		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)							1.12 U	1.28 U	- -	- -	- -	- -	1 U	0.999 U	- -	- -	- -	- -	- -	- -	1.32 U	1.34 U		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)							0.896 U	1.02 U	- -	- -	- -	- -	0.8 U	0.799 U	- -	- -	- -	- -	- -	- -	1.06 U	1.07 U		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9CI-PF3ONS)							0.896 U	1.02 U	- -	- -	- -	- -	0.8 U	0.799 U	- -	- -	- -	- -	- -	- -	1.06 U	1.07 U		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)							0.896 U	1.02 U	- -	- -	- -	- -	0.8 U	0.799 U	- -	- -	- -	- -	- -	- -	1.06 U	1.07 U		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)							2.24 U	2.55 U	- -	- -	- -	- -	2 U	2 U	- -	- -	- -	- -	- -	- -	2.64 U	2.67 U		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)							2.24 U	2.55 U	- -	- -	- -	- -	2 U	2 U	- -	- -	- -	- -	- -	- -	2.64 U	2.67 U		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)							0.448 U	0.51 U	- -	- -	- -	- -	0.4 U	0.4 U	- -	- -	- -	- -	- -	- -	0.529 U	0.534 U		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)							0.448 U	0.51 U	- -	- -	- -	- -	0.4 U	0.4 U	- -	- -	- -	- -	- -	- -	0.529 U	0.534 U		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)							0.448 U	0.51 U	- -	- -	- -	- -	0.4 U	0.4 U	- -	- -	- -	- -	- -	- -	0.529 U	0.534 U		
Perfluoro-4-Methoxybutanoic Acid (PFMBA)							0.448 U	0.51 U	- -	- -	- -	- -	0.4 U	0.4 U	- -	- -	- -	- -	- -	- -	0.529 U	0.534 U		
Perfluorobutanesulfonic Acid (PFBS)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluorobutanoic Acid (PFBA)							0.138 J	0.053 J	- -	- -	- -	- -	0.049 J	0.799 U	- -	- -	- -	- -	- -	- -	0.202 J	0.176 J		
Perfluorodecanesulfonic Acid (PFDS)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluorodecanoic Acid (PFDA)							0.124 J	0.056 J	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluorododecanesulfonic Acid (PFDoS)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluorododecanoic Acid (PFDoA)							0.049 J	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluoroheptanesulfonic Acid (PFHpS)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluoroheptanoic Acid (PFHpA)							0.09 J	0.089 J	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.085 J	0.141 J		
Perfluorohexanesulfonic Acid (PFHxS)							0.05 J	0.12 J	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.075 J	0.036 J		
Perfluorohexanoic Acid (PFHxA)							0.082 J	0.079 J	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.089 J	0.104 J		
Perfluorononanesulfonic Acid (PFNS)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluorononanoic Acid (PFNA)							0.093 J	0.156 J	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.04 J	0.098 J		
Perfluorooctanesulfonamide (PFOSA)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluorooctanesulfonic Acid (PFOS)				0.88	44	1	1.03	1.32	- -	- -	- -	- -	0.06 J	0.2 U	- -	- -	- -	- -	- -	- -	0.251 J	0.287		
Perfluorooctanoic Acid (PFOA)				0.66	33	0.8	0.254	0.424	- -	- -	- -	- -	0.054 J	0.2 U	- -	- -	- -	- -	- -	- -	0.261 J	0.363		
Perfluoropentanesulfonic Acid (PFPeS)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluoropentanoic Acid (PFPeA)							0.093 J	0.06 J	- -	- -	- -	- -	0.4 U	0.4 U	- -	- -	- -	- -	- -	- -	0.08 J	0.079 J		
Perfluorotetradecanoic Acid (PFTeDA)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluorotridecanoic Acid (PFTrDA)							0.224 U	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.267 U		
Perfluoroundecanoic Acid (PFUnA)							0.039 JF	0.255 U	- -	- -	- -	- -	0.2 U	0.2 U	- -	- -	- -	- -	- -	- -	0.264 U	0.033 J		
Asbestos in Bulk																								
Asbestos Fibers							- -	- -	- -	- -	ND	ND	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

Notes:

- Analytical data compared to NYSDEC Part 375-6.
- Results and soil cleanup objectives (SCO) in parts per million (ppm), except for PFAS which is in parts per billion (ppb).
- Analytes detected at concentrations greater than laboratory detections limits are **bolded**.
- Highlighted color indicates the respective use SCO(s) exceeded. Use type SCOs are listed from left to right from most restrictive to least restrictive.
- Blank space indicates that a SCO does not exist.
- Duplicate sample results are located to the right of the parent sample results.
- "J" indicates estimated concentration.
- "U" indicates analyte not detected at concentration greater than laboratory detection limit.
- "F" indicates 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.
- "I" indicates the lower value for the two columns has been reported due to obvious interference.
- "P" indicates the RPD between the results for the two columns exceeds the method-specified criteria.
- "ND" indicates that asbestos was not detected in the respective sample.
- "-" indicates that sample was not analyzed for that parameter.

Table 3

Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-105 NATIVE	TP-106 FILL	TP-106 NATIVE	TP-107 FILL	TP-108 FILL	TP-108 NATIVE	TP-109 FILL	TP-109 NATIVE	TP-110 FILL	TP-110 NATIVE					
SAMPLING DATE				7/29/2025	7/28/2025	7/28/2025	7/29/2025	7/29/2025	7/29/2025	7/28/2025	7/28/2025	7/29/2025	7/29/2025					
LAB SAMPLE ID				L2547432-16	L2547174-07	L2547174-08	L2547432-03	L2547432-04	L2547432-05	L2547174-09	L2547174-10	L2547432-06	L2547432-07					
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL					
SAMPLE DEPTH (ft.)				6-6.5	2-3	6-7	2-3	2-2.5	5.5-6	2-3	5-6	2-2.5	5.5-6					
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035																		
1,1,1-Trichloroethane				0.68	100	0.68	0.00051 U	0.00091 U	0.00069 U	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane							0.00051 U	0.00091 U	0.00069 U	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane							0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane				0.27	26	0.27	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene				0.33	100	0.33	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene							0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene				3.6	52	3.6	0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane							0.0031 U	0.0054 U	0.0041 U	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane							0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene				1.1	100	1.1	0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane				0.02	3.1	0.02	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane							0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene				8.4	52	8.4	0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene				2.4	49	2.4	0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene				1.8	13	1.8	0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
2-Butanone				0.12	100	0.12	0.01 U	0.018 U	0.014 U	--	--	--	--	--	--	--	--	--
2-Hexanone							0.01 U	0.018 U	0.014 U	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone							0.01 U	0.018 U	0.014 U	--	--	--	--	--	--	--	--	--
Acetone				0.05	100	0.05	0.01 U	0.018 U	0.0097 J	--	--	--	--	--	--	--	--	--
Benzene				0.06	4.8	0.06	0.00051 U	0.00091 U	0.00069 U	--	--	--	--	--	--	--	--	--
Bromodichloromethane							0.00051 U	0.00091 U	0.00069 U	--	--	--	--	--	--	--	--	--
Bromoform							0.0041 U	0.0072 U	0.0055 U	--	--	--	--	--	--	--	--	--
Bromomethane							0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
Carbon disulfide							0.01 U	0.018 U	0.014 U	--	--	--	--	--	--	--	--	--
Carbon tetrachloride				0.76	2.4	0.76	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
Chlorobenzene				1.1	100	1.1	0.00051 U	0.00091 U	0.00069 U	--	--	--	--	--	--	--	--	--
Chloroethane							0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
Chloroform				0.37	49	0.37	0.0015 U	0.0027 U	0.002 U	--	--	--	--	--	--	--	--	--
Chloromethane							0.0041 U	0.0072 U	0.0055 U	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene				0.25	100	0.25	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene							0.00051 U	0.00091 U	0.00069 U	--	--	--	--	--	--	--	--	--
Cyclohexane							0.01 U	0.018 U	0.014 U	--	--	--	--	--	--	--	--	--
Dibromochloromethane							0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane							0.01 U	0.018 U	0.014 U	--	--	--	--	--	--	--	--	--
Ethylbenzene				1	41	1	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
Freon-113							0.0041 U	0.0072 U	0.0055 U	--	--	--	--	--	--	--	--	--
Isopropylbenzene							0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
Methyl Acetate							0.0041 U	0.0072 U	0.0055 U	--	--	--	--	--	--	--	--	--
Methyl cyclohexane							0.0041 U	0.0072 U	0.0055 U	--	--	--	--	--	--	--	--	--
Methyl tert butyl ether				0.93	100	0.93	0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
Methylene chloride				0.05	100	0.05	0.0051 U	0.0091 U	0.0069 U	--	--	--	--	--	--	--	--	--
n-Butylbenzene				12	100	12	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
n-Propylbenzene				3.9	100	3.9	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
Naphthalene				12	100	12	0.0041 U	0.0072 U	0.0055 U	--	--	--	--	--	--	--	--	--
o-Xylene							0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene							0.001 U	0.00051 J	0.00037 J	--	--	--	--	--	--	--	--	--
p/m-Xylene							0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
sec-Butylbenzene				11	100	11	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
Styrene							0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
tert-Butylbenzene				5.9	100	5.9	0.002 U	0.0036 U	0.0027 U	--	--	--	--	--	--	--	--	--
Tetrachloroethene				1.3	19	1.3	0.00051 U	0.00091 U	0.00069 U	--	--	--	--	--	--	--	--	--
Toluene				0.7	100	0.7	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene				0.19	100	0.19	0.0015 U	0.0027 U	0.002 U	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene							0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--
Trichloroethene				0.47	21	0.47	0.00051 U	0.00091 U	0.00069 U	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane							0.0041 U	0.0072 U	0.0055 U	--	--	--	--	--	--	--	--	--
Vinyl chloride				0.02	0.9	0.02	0.001 U	0.0018 U	0.0014 U	--	--	--	--	--	--	--	--	--

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-105 NATIVE	TP-106 FILL	TP-106 NATIVE	TP-107 FILL	TP-108 FILL	TP-108 NATIVE	TP-109 FILL	TP-109 NATIVE	TP-110 FILL	TP-110 NATIVE					
SAMPLING DATE				7/29/2025	7/28/2025	7/28/2025	7/29/2025	7/29/2025	7/29/2025	7/28/2025	7/28/2025	7/29/2025	7/29/2025					
LAB SAMPLE ID				L2547432-16	L2547174-07	L2547174-08	L2547432-03	L2547432-04	L2547432-05	L2547174-09	L2547174-10	L2547432-06	L2547432-07					
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL					
SAMPLE DEPTH (ft.)				6-6.5	2-3	6-7	2-3	2-2.5	5.5-6	2-3	5-6	2-2.5	5.5-6					
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																		
1,2,4,5-Tetrachlorobenzene				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
1,4-Dioxane	0.1	13	0.1	0.028 U	0.03 U	0.028 U	- -	0.031 U	0.028 U	0.16 U	0.03 U	0.027 U	0.029 U					
2,3,4,6-Tetrachlorophenol				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2,4,5-Trichlorophenol				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2,4,6-Trichlorophenol				0.11 U	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U	0.63 U	0.12 U	0.11 U	0.12 U					
2,4-Dichlorophenol				0.17 U	0.18 U	0.17 U	0.18 U	0.19 U	0.17 U	0.94 U	0.18 U	0.16 U	0.17 U					
2,4-Dimethylphenol				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2,4-Dinitrophenol				0.89 U	0.95 U	0.9 U	0.95 U	0.99 U	0.91 U	5 U	0.96 U	0.86 U	0.92 U					
2,4-Dinitrotoluene				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2,6-Dinitrotoluene				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2-Chloronaphthalene				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2-Chlorophenol				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2-Methylnaphthalene				0.22 U	0.11 J	0.22 U	0.069 J	0.43	0.23 U	0.84 J	0.24 U	0.1 J	0.23 U					
2-Methylphenol	0.33	100	0.33	0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2-Nitroaniline				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
2-Nitrophenol				0.4 U	0.43 U	0.4 U	0.43 U	0.45 U	0.41 U	2.2 U	0.43 U	0.38 U	0.41 U					
3,3'-Dichlorobenzidine				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
3-Methylphenol/4-Methylphenol	0.33	100	0.33	0.27 U	0.28 U	0.27 U	0.29 U	0.04 J	0.27 U	1.5 U	0.29 U	0.26 U	0.28 U					
3-Nitroaniline				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
4,6-Dinitro-o-cresol				0.48 U	0.51 U	0.49 U	0.52 U	0.54 U	0.49 U	2.7 U	0.52 U	0.46 U	0.5 U					
4-Bromophenyl phenyl ether				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
4-Chloroaniline				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
4-Chlorophenyl phenyl ether				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
4-Nitroaniline				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
4-Nitrophenol				0.26 U	0.28 U	0.26 U	0.28 U	0.29 U	0.27 U	1.5 U	0.28 U	0.25 U	0.27 U					
Acenaphthene	20	100	98	0.15 U	0.11 J	0.15 U	0.16 U	0.37	0.15 U	2.6	0.16 U	0.095 J	0.15 U					
Acenaphthylene	100	100	107	0.15 U	0.15 J	0.15 U	0.16 U	0.53	0.15 U	0.59 J	0.16 U	0.12 J	0.15 U					
Acetophenone				0.19 U	0.2 U	0.19 U	0.2 U	0.051 J	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Anthracene	100	100	1000	0.11 U	0.37	0.11 U	0.04 J	1	0.11 U	6.5	0.12 U	0.51	0.12 U					
Atrazine				0.15 U	0.16 U	0.15 U	0.16 U	0.16 U	0.15 U	0.84 U	0.16 U	0.14 U	0.15 U					
Benzaldehyde				0.24 U	0.075 J	0.25 U	0.26 U	0.18 J	0.25 U	1.4 U	0.26 U	0.24 U	0.25 U					
Benzo(a)anthracene	1	1	1	0.11 U	0.9	0.026 J	0.26	2.8	0.11 U	12	0.12 U	2	0.12 U					
Benzo(a)pyrene	1	1	22	0.15 U	0.81	0.15 U	0.26	2.4	0.15 U	11	0.16 U	2	0.15 U					
Benzo(b)fluoranthene	1	1	1.7	0.11 U	1.1	0.11 U	0.36	3	0.11 U	14	0.12 U	2.6	0.12 U					
Benzo(ghi)perylene	100	100	1000	0.15 U	0.48	0.15 U	0.16	1.5	0.15 U	6.5	0.16 U	1.2	0.15 U					
Benzo(k)fluoranthene	0.8	3.9	1.7	0.11 U	0.3	0.11 U	0.11 J	1.2	0.11 U	3.8	0.12 U	0.79	0.12 U					
Biphenyl				0.42 U	0.45 U	0.43 U	0.45 U	0.071 J	0.43 U	0.2 J	0.46 U	0.41 U	0.44 U					
Bis(2-chloroethoxy)methane				0.2 U	0.21 U	0.2 U	0.21 U	0.22 U	0.2 U	1.1 U	0.22 U	0.19 U	0.21 U					
Bis(2-chloroethyl)ether				0.17 U	0.18 U	0.17 U	0.18 U	0.19 U	0.17 U	0.94 U	0.18 U	0.16 U	0.17 U					
Bis(2-chloroisopropyl)ether				0.22 U	0.24 U	0.22 U	0.24 U	0.25 U	0.23 U	1.2 U	0.24 U	0.21 U	0.23 U					
Bis(2-ethylhexyl)phthalate				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Butyl benzyl phthalate				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Caprolactam				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Carbazole				0.19 U	0.12 J	0.19 U	0.04 J	0.46	0.19 U	1.6	0.2 U	0.06 J	0.19 U					
Chrysene	1	3.9	1	0.11 U	0.82	0.028 J	0.29	2.8	0.11 U	12	0.12 U	1.7	0.12 U					
Di-n-butylphthalate				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Di-n-octylphthalate				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Dibenzo(a,h)anthracene	0.33	0.33	1000	0.11 U	0.1 J	0.11 U	0.044 J	0.4	0.11 U	1.6	0.12 U	0.26	0.12 U					
Dibenzofuran	7	59	210	0.19 U	0.09 J	0.19 U	0.023 J	0.31	0.19 U	1.8	0.2 U	0.093 J	0.19 U					
Diethyl phthalate				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Dimethyl phthalate				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Fluoranthene	100	100	1000	0.11 U	1.7	0.025 J	0.46	4.6	0.11 U	27	0.12 U	3.5	0.12 U					
Fluorene	30	100	386	0.19 U	0.14 J	0.19 U	0.2 U	0.4	0.19 U	3.2	0.2 U	0.12 J	0.19 U					
Hexachlorobenzene	0.33	1.2	3.2	0.11 U	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U	0.63 U	0.12 U	0.11 U	0.12 U					
Hexachlorobutadiene				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Hexachlorocyclopentadiene				0.53 U	0.56 U	0.54 U	0.57 U	0.59 U	0.54 U	3 U	0.57 U	0.51 U	0.55 U					
Hexachloroethane				0.15 U	0.16 U	0.15 U	0.16 U	0.16 U	0.15 U	0.84 U	0.16 U	0.14 U	0.15 U					
Indeno(1,2,3-cd)pyrene	0.5	0.5	8.2	0.15 U	0.46	0.15 U	0.17	1.5	0.15 U	7.4	0.16 U	1.3	0.15 U					
Isophorone				0.17 U	0.18 U	0.17 U	0.18 U	0.19 U	0.17 U	0.94 U	0.18 U	0.16 U	0.17 U					
n-Nitrosodi-n-propylamine				0.19 U	0.2 U	0.19 U	0.2 U	0.21 U	0.19 U	1 U	0.2 U	0.18 U	0.19 U					
Naphthalene	12	100	12	0.19 U	0.19 J	0.19 U	0.04 J	0.51	0.19 U	1.1	0.2 U	0.17 J	0.19 U					
NDPA/DPA				0.15 U	0.16 U	0.15 U	0.16 U	0.16 U	0.15 U	0.84 U	0.16 U	0.14 U	0.15 U					
Nitrobenzene				0.17 U	0.18 U	0.17 U	0.18 U	0.19 U	0.17 U	0.94 U	0.18 U	0.16 U	0.17 U					

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-105 NATIVE		TP-106 FILL		TP-106 NATIVE		TP-107 FILL		TP-108 FILL		TP-108 NATIVE		TP-109 FILL		TP-109 NATIVE		TP-110 FILL		TP-110 NATIVE	
SAMPLING DATE				7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025	
LAB SAMPLE ID				L2547432-16		L2547174-07		L2547174-08		L2547432-03		L2547432-04		L2547432-05		L2547174-09		L2547174-10		L2547432-06		L2547432-07	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				6-6.5		2-3		6-7		2-3		2-2.5		5.5-6		2-3		5-6		2-2.5		5.5-6	
	Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Chloro-m-cresol				0.19	U	0.2	U	0.19	U	0.2	U	0.21	U	0.19	U	1	U	0.2	U	0.18	U	0.19	U
Pentachlorophenol	0.8	6.7	0.8	0.15	U	0.16	U	0.15	U	0.16	U	0.16	U	0.15	U	0.84	U	0.16	U	0.14	U	0.15	U
Phenanthrene	100	100	1000	0.11	U	1.4		0.11	U	0.25		3.9		0.11	U	22		0.028	J	1.5		0.12	U
Phenol	0.33	100	0.33	0.19	U	0.2	U	0.19	U	0.2	U	0.21	U	0.19	U	1	U	0.2	U	0.18	U	0.19	U
Pyrene	100	100	1000	0.11	U	1.5		0.029	J	0.39		0.25		0.11	U	22		0.12	U	3		0.12	U
Polychlorinated Biphenyls by GC																							
Aroclor 1016	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Aroclor 1221	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Aroclor 1232	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Aroclor 1242	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Aroclor 1248	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Aroclor 1254	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Aroclor 1260	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Aroclor 1262	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Aroclor 1268	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
PCBs, Total	0.1	1	3.2	0.0524	U	0.057	U	0.0535	U	-	-	0.0622	U	0.0567	U	0.0608	U	0.0556	U	0.0539	U	0.0559	U
Organochlorine Pesticides by GC																							
4,4'-DDD	0.0033	13	14	0.00172	U	0.00188	U	0.00177	U	-	-	0.00194	U	0.00181	U	0.00194	U	0.00189	U	0.0053		0.0018	U
4,4'-DDE	0.0033	8.9	17	0.00172	U	0.001	J	0.00177	U	-	-	0.00171	JIP	0.00181	U	0.00102	JIP	0.00189	U	0.00834		0.0018	U
4,4'-DDT	0.0033	7.9	136	0.00172	U	0.00188	U	0.00177	U	-	-	0.00204		0.00181	U	0.00161	J	0.00189	U	0.00304		0.0018	U
Aldrin	0.005	0.097	0.19	0.00172	U	0.00188	U	0.00177	U	-	-	0.00194	U	0.00181	U	0.00194	U	0.00189	U	0.00175	U	0.0018	U
Alpha-BHC	0.02	0.48	0.02	0.000718	U	0.000785	U	0.000738	U	-	-	0.00081	U	0.000756	U	0.000808	U	0.000788	U	0.000728	U	0.000749	U
Beta-BHC	0.036	0.36	0.09	0.00172	U	0.00188	U	0.00177	U	-	-	0.00194	U	0.00181	U	0.00194	U	0.00189	U	0.00175	U	0.0018	U
cis-Chlordane	0.094	4.2	2.9	0.00215	U	0.00235	U	0.00221	U	-	-	0.00243	U	0.00227	U	0.000736	JIP	0.00236	U	0.00218	U	0.00225	U
Delta-BHC	0.04	100	0.25	0.00172	U	0.00188	U	0.00177	U	-	-	0.00194	U	0.00181	U	0.00194	U	0.00189	U	0.00175	U	0.0018	U
Dieldrin	0.005	0.2	0.1	0.00108	U	0.00118	U	0.00111	U	-	-	0.00122	U	0.00113	U	0.00121	U	0.00118	U	0.00109	U	0.00112	U
Endosulfan I	2.4	24	102	0.00172	U	0.00188	U	0.00177	U	-	-	0.00194	U	0.00181	U	0.00194	U	0.00189	U	0.00175	U	0.0018	U
Endosulfan II	2.4	24	102	0.00172	U	0.00188	U	0.00177	U	-	-	0.00194	U	0.00181	U	0.00194	U	0.00189	U	0.00175	U	0.0018	U
Endosulfan sulfate	2.4	24	1000	0.000718	U	0.000785	U	0.000738	U	-	-	0.00081	U	0.000756	U	0.000808	U	0.000788	U	0.000728	U	0.000749	U
Endrin	0.014	11	0.06	0.000718	U	0.000785	U	0.000738	U	-	-	0.00081	U	0.000756	U	0.000808	U	0.000788	U	0.000728	U	0.000749	U
Heptachlor	0.042	2.1	0.38	0.000861	U	0.000942	U	0.000886	U	-	-	0.000973	U	0.000907	U	0.000591	J	0.000945	U	0.000874	U	0.000899	U
Lindane	0.1	1.3	0.1	0.000718	U	0.000785	U	0.000738	U	-	-	0.00081	U	0.000756	U	0.000808	U	0.000788	U	0.000728	U	0.000749	U
Chlorinated Herbicides by GC																							
2,4,5-TP (Silvex)	3.8	100	3.8	0.187	U	0.195	U	0.184	U	-	-	0.205	U	0.191	U	0.21	U	0.199	U	0.183	U	0.196	U
Total Metals																							
Aluminum, Total				5120		795		4160		4760		3990		5750		3120		5880		2220		5010	
Antimony, Total				4.26	U	4.68	U	4.3	U	4.6	U	4.86	U	4.55	U	5.01	U	4.63	U	4.2	U	4.45	U
Arsenic, Total	13	16	16	0.508	J	4.17		2.83		10.1		6.24		2.79		9.02		2.07		2.74		1.71	
Barium, Total	350	400	820	38		27.5		28.6		153		83.2		52.9		50.5		52.5		25.6		57.7	
Beryllium, Total	7.2	72	47	0.298	J	0.158	J	0.269	J	0.561		0.323	J	0.337	J	0.319	J	0.349	J	0.131	J	0.3	J
Cadmium, Total	2.5	4.3	7.5	0.853	U	0.935	U	0.861	U	0.475	J	0.211	J	0.059	J	0.166	J	0.925	U	0.092	J	0.89	U
Calcium, Total				12000		41800		12200		11500		17400		1840		16900		1590		14500		12300	
Chromium, Total				8.01		2.03		6.49		8.5		4.68		9.98		5.23		9.47		3.5		9.19	
Cobalt, Total				4.71		2.23		4.2		5.12		2.18		7.8		3.23		5.22		4.12		4.12	
Copper, Total	50	270	1720	1.44		14.1		0.767	J	58.4		15.2</											

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-105 NATIVE		TP-106 FILL		TP-106 NATIVE		TP-107 FILL		TP-108 FILL		TP-108 NATIVE		TP-109 FILL		TP-109 NATIVE		TP-110 FILL		TP-110 NATIVE			
SAMPLING DATE				7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025			
LAB SAMPLE ID				L2547432-16		L2547174-07		L2547174-08		L2547432-03		L2547432-04		L2547432-05		L2547174-09		L2547174-10		L2547432-06		L2547432-07			
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL			
SAMPLE DEPTH (ft.)				6-6.5		2-3		6-7		2-3		2-2.5		5.5-6		2-3		5-6		2-2.5		5.5-6			
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Perfluorinated Alkyl Acids by EPA 1633																									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11CI-PF3OUdS)							0.903 U		0.799 U		0.799 U		- -		1 U		0.931 U		0.798 U		0.8 U		0.881 U		0.943 U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)							0.903 U		0.799 U		0.799 U		- -		1 U		0.931 U		0.798 U		0.8 U		0.881 U		0.943 U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)							0.903 U		0.799 U		0.799 U		- -		1 U		0.931 U		0.798 U		0.8 U		0.881 U		0.943 U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)							0.903 U		0.799 U		0.799 U		- -		1 U		0.931 U		0.798 U		0.8 U		0.881 U		0.943 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)							5.64 U		4.99 U		4.99 U		- -		6.27 U		5.82 U		4.99 U		5 U		5.51 U		5.9 U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)							5.64 U		4.99 U		4.99 U		- -		6.27 U		5.82 U		4.99 U		5 U		5.51 U		5.9 U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)							1.13 U		0.999 U		0.998 U		- -		1.25 U		1.16 U		0.998 U		1 U		1.1 U		1.18 U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)							0.903 U		0.799 U		0.799 U		- -		1 U		0.931 U		0.798 U		0.8 U		0.881 U		0.943 U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9CI-PF3ONS)							0.903 U		0.799 U		0.799 U		- -		1 U		0.931 U		0.798 U		0.8 U		0.881 U		0.943 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)							0.903 U		0.799 U		0.799 U		- -		1 U		0.931 U		0.798 U		0.8 U		0.881 U		0.943 U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)							2.26 U		2 U		2 U		- -		2.51 U		2.33 U		2 U		2 U		2.2 U		2.36 U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)							2.26 U		2 U		2 U		- -		2.51 U		2.33 U		2 U		2 U		2.2 U		2.36 U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)							0.451 U		0.399 U		0.399 U		- -		0.502 U		0.466 U		0.399 U		0.4 U		0.44 U		0.472 U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)							0.451 U		0.399 U		0.399 U		- -		0.502 U		0.466 U		0.399 U		0.4 U		0.44 U		0.472 U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)							0.451 U		0.399 U		0.399 U		- -		0.502 U		0.466 U		0.399 U		0.4 U		0.44 U		0.472 U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)							0.451 U		0.399 U		0.399 U		- -		0.502 U		0.466 U		0.399 U		0.4 U		0.44 U		0.472 U
Perfluorobutanesulfonic Acid (PFBS)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluorobutanoic Acid (PFBA)							0.903 U		0.063 J		0.799 U		- -		0.144 J		0.931 U		0.089 J		0.8 U		0.18 J		0.943 U
Perfluorodecanesulfonic Acid (PFDS)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluorodecanoic Acid (PFDA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.035 J		0.2 U		0.22 U		0.236 U
Perfluorododecanesulfonic Acid (PFDoS)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluorododecanoic Acid (PFDoA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluoroheptanesulfonic Acid (PFHpS)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluoroheptanoic Acid (PFHpA)							0.226 U		0.029 J		0.2 U		- -		0.114 J		0.233 U		0.049 J		0.2 U		0.056 J		0.236 U
Perfluorohexanesulfonic Acid (PFHxS)							0.226 U		0.045 J		0.2 U		- -		0.058 J		0.03 J		0.051 J		0.2 U		0.085 J		0.236 U
Perfluorohexanoic Acid (PFHxA)							0.226 U		0.031 J		0.2 U		- -		0.09 J		0.233 U		0.041 J		0.2 U		0.1 J		0.236 U
Perfluorononanesulfonic Acid (PFNS)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluorononanoic Acid (PFNA)							0.226 U		0.037 J		0.2 U		- -		0.088 J		0.233 U		0.082 J		0.2 U		0.063 J		0.236 U
Perfluorooctanesulfonamide (PFOSA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluorooctanesulfonic Acid (PFOS)				0.88	44	1	0.039 J		0.327		0.034 J		- -		0.412		0.233 U		0.457		0.2 U		0.283		0.049 J
Perfluorooctanoic Acid (PFOA)				0.66	33	0.8	0.226 U		0.113 J		0.2 U		- -		0.412		0.233 U		0.162 J		0.2 U		0.248		0.236 U
Perfluoropentanesulfonic Acid (PFPeS)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluoropentanoic Acid (PFPeA)							0.451 U		0.399 U		0.399 U		- -		0.066 J		0.466 U		0.399 U		0.4 U		0.085 J		0.472 U
Perfluorotetradecanoic Acid (PFTeDA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluorotridecanoic Acid (PFTrDA)							0.226 U		0.2 U		0.2 U		- -		0.251 U		0.233 U		0.2 U		0.2 U		0.22 U		0.236 U
Perfluoroundecanoic Acid (PFUnA)							0.226 U		0.2 U		0.2 U		- -		0.028 J		0.233 U		0.03 J		0.2 U		0.22 U		0.236 U
Asbestos in Bulk																									
Asbestos Fibers							- -		- -		- -		- -		- -		- -		- -		- -		- -		- -

Notes:

- Analytical data compared to NYSDEC Part 375-6.
- Results and soil cleanup objectives (SCO) in parts per million (ppm), except for PFAS which is in parts per billion (ppb).
- Analytes detected at concentrations greater than laboratory detections limits are **bolded**.
- Highlighted color indicates the respective use SCO(s) exceeded. Use type SCOs are listed from left to right from most restrictive to least restrictive.
- Blank space indicates that a SCO does not exist.
- Duplicate sample results are located to the right of the parent sample results.
- "J" indicates estimated concentration.
- "U" indicates analyte not detected at concentration greater than laboratory detection limit.
- "F" indicates 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.
- "I" indicates the lower value for the two columns has been reported due to obvious interference.
- "P" indicates the RPD between the results for the two columns exceeds the method-specified criteria.
- "ND" indicates that asbestos was not detected in the respective sample.
- "-" indicates that sample was not analyzed for that parameter.

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-111 FILL		TP-112 FILL		TP-112 NATIVE		TP-113 FILL		TP-113 NATIVE		TP-114 FILL		TP-114 NATIVE		TP-115 FILL		TP-115 NATIVE	
SAMPLING DATE				7/29/2025		7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025		7/29/2025		7/29/2025	
LAB SAMPLE ID				L2547432-08		L2547432-09		L2547432-10		L2547174-11		L2547174-12		L2547432-11		L2547432-12		L2547432-13		L2547432-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				3-4		2-2.5		4-4.5		2-3		5-5.5		1-2		3-4		1-1.5		5-5.5	
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Volatile Organics by EPA 5035																					
1,1,1-Trichloroethane	0.68	100	0.68	0.00044 U		--		--		0.00062 U		0.00061 U		0.00098 U		0.0006 U		0.00074 U		0.0005 U	
1,1,2,2-Tetrachloroethane				0.00044 U		--		--		0.00062 U		0.00061 U		0.00098 U		0.0006 U		0.00074 U		0.0005 U	
1,1,2-Trichloroethane				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
1,1-Dichloroethane	0.27	26	0.27	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
1,1-Dichloroethene	0.33	100	0.33	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
1,2,4-Trichlorobenzene				0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
1,2,4-Trimethylbenzene	3.6	52	3.6	0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
1,2-Dibromo-3-chloropropane				0.0026 U		--		--		0.0037 U		0.0036 U		0.0059 U		0.0036 U		0.0044 U		0.003 U	
1,2-Dibromoethane				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
1,2-Dichlorobenzene	1.1	100	1.1	0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
1,2-Dichloroethane	0.02	3.1	0.02	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
1,2-Dichloropropane				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
1,3,5-Trimethylbenzene	8.4	52	8.4	0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
1,3-Dichlorobenzene	2.4	49	2.4	0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
1,4-Dichlorobenzene	1.8	13	1.8	0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
2-Butanone	0.12	100	0.12	0.0088 U		--		--		0.012 U		0.012 U		0.02 U		0.012 U		0.015 U		0.01 U	
2-Hexanone				0.0088 U		--		--		0.012 U		0.012 U		0.02 U		0.012 U		0.015 U		0.01 U	
4-Methyl-2-pentanone				0.0088 U		--		--		0.012 U		0.012 U		0.02 U		0.012 U		0.015 U		0.01 U	
Acetone	0.05	100	0.05	0.0088 U		--		--		0.012 U		0.019		0.02 U		0.012 U		0.015 U		0.01 U	
Benzene	0.06	4.8	0.06	0.00044 U		--		--		0.00062 U		0.00061 U		0.00098 U		0.0006 U		0.00074 U		0.0005 U	
Bromodichloromethane				0.00044 U		--		--		0.00062 U		0.00061 U		0.00098 U		0.0006 U		0.00074 U		0.0005 U	
Bromoform				0.0035 U		--		--		0.0049 U		0.0049 U		0.0078 U		0.0048 U		0.0059 U		0.004 U	
Bromomethane				0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
Carbon disulfide				0.0088 U		--		--		0.012 U		0.012 U		0.02 U		0.012 U		0.015 U		0.01 U	
Carbon tetrachloride	0.76	2.4	0.76	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
Chlorobenzene	1.1	100	1.1	0.00044 U		--		--		0.00062 U		0.00061 U		0.00098 U		0.0006 U		0.00074 U		0.0005 U	
Chloroethane				0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
Chloroform	0.37	49	0.37	0.0013 U		--		--		0.0018 U		0.0018 U		0.0029 U		0.0018 U		0.0022 U		0.0015 U	
Chloromethane				0.0035 U		--		--		0.0049 U		0.0049 U		0.0078 U		0.0048 U		0.0059 U		0.004 U	
cis-1,2-Dichloroethene	0.25	100	0.25	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
cis-1,3-Dichloropropene				0.00044 U		--		--		0.00062 U		0.00061 U		0.00098 U		0.0006 U		0.00074 U		0.0005 U	
Cyclohexane				0.0088 U		--		--		0.012 U		0.012 U		0.02 U		0.012 U		0.015 U		0.01 U	
Dibromochloromethane				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
Dichlorodifluoromethane				0.0088 U		--		--		0.012 U		0.012 U		0.02 U		0.012 U		0.015 U		0.01 U	
Ethylbenzene	1	41	1	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
Freon-113				0.0035 U		--		--		0.0049 U		0.0049 U		0.0078 U		0.0048 U		0.0059 U		0.004 U	
Isopropylbenzene				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
Methyl Acetate				0.0035 U		--		--		0.0049 U		0.0049 U		0.0078 U		0.0048 U		0.0059 U		0.004 U	
Methyl cyclohexane				0.0035 U		--		--		0.0049 U		0.0049 U		0.0078 U		0.0048 U		0.0059 U		0.004 U	
Methyl tert butyl ether	0.93	100	0.93	0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
Methylene chloride	0.05	100	0.05	0.0044 U		--		--		0.0062 U		0.0061 U		0.0098 U		0.006 U		0.0074 U		0.005 U	
n-Butylbenzene	12	100	12	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
n-Propylbenzene	3.9	100	3.9	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
Naphthalene	12	100	12	0.0035 U		--		--		0.0049 U		0.0049 U		0.0078 U		0.0048 U		0.0059 U		0.004 U	
o-Xylene				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
p-Isopropyltoluene				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
p/m-Xylene				0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
sec-Butylbenzene	11	100	11	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
Styrene				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
tert-Butylbenzene	5.9	100	5.9	0.0018 U		--		--		0.0025 U		0.0024 U		0.0039 U		0.0024 U		0.003 U		0.002 U	
Tetrachloroethene	1.3	19	1.3	0.00044 U		--		--		0.00062 U		0.00061 U		0.00098 U		0.0006 U		0.00074 U		0.0005 U	
Toluene	0.7	100	0.7	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
trans-1,2-Dichloroethene	0.19	100	0.19	0.0013 U		--		--		0.0018 U		0.0018 U		0.0029 U		0.0018 U		0.0022 U		0.0015 U	
trans-1,3-Dichloropropene				0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	
Trichloroethene	0.47	21	0.47	0.00044 U		--		--		0.00062 U		0.00061 U		0.00098 U		0.0006 U		0.00074 U		0.0005 U	
Trichlorofluoromethane				0.0035 U		--		--		0.0049 U		0.0049 U		0.0078 U		0.0048 U		0.0059 U		0.004 U	
Vinyl chloride	0.02	0.9	0.02	0.00088 U		--		--		0.0012 U		0.0012 U		0.002 U		0.0012 U		0.0015 U		0.001 U	

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-111 FILL		TP-112 FILL		TP-112 NATIVE		TP-113 FILL		TP-113 NATIVE		TP-114 FILL		TP-114 NATIVE		TP-115 FILL		TP-115 NATIVE	
SAMPLING DATE				7/29/2025		7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025		7/29/2025		7/29/2025	
LAB SAMPLE ID				L2547432-08		L2547432-09		L2547432-10		L2547174-11		L2547174-12		L2547432-11		L2547432-12		L2547432-13		L2547432-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				3-4		2-2.5		4-4.5		2-3		5-5.5		1-2		3-4		1-1.5		5-5.5	
				Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Semivolatile Organics by GC/MS																					
1,2,4,5-Tetrachlorobenzene							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
1,4-Dioxane	0.1	13	0.1				0.031 U		0.029 U		0.03 U		0.027 U		0.03 U		0.032 U		0.03 U		0.029 U
2,3,4,6-Tetrachlorophenol							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2,4,5-Trichlorophenol							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2,4,6-Trichlorophenol							0.12 U		0.11 U		0.12 U		0.11 U		0.12 U		0.13 U		0.12 U		0.12 U
2,4-Dichlorophenol							0.19 U		0.17 U		0.18 U		0.16 U		0.18 U		0.19 U		0.18 U		0.17 U
2,4-Dimethylphenol							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2,4-Dinitrophenol							1 U		0.92 U		0.96 U		0.87 U		0.97 U		1 U		0.94 U		0.92 U
2,4-Dinitrotoluene							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2,6-Dinitrotoluene							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2-Chloronaphthalene							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2-Chlorophenol							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2-Methylnaphthalene							0.029 J		0.62		0.24 U		0.11 J		0.24 U		0.16 J		0.24 U		0.23 U
2-Methylphenol	0.33	100	0.33				0.21 U		0.031 J		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2-Nitroaniline							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
2-Nitrophenol							0.45 U		0.41 U		0.43 U		0.39 U		0.44 U		0.45 U		0.42 U		0.42 U
3,3'-Dichlorobenzidine							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
3-Methylphenol/4-Methylphenol	0.33	100	0.33				0.3 U		0.087 J		0.29 U		0.26 U		0.29 U		0.081 J		0.28 U		0.28 U
3-Nitroaniline							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
4,6-Dinitro-o-cresol							0.54 U		0.5 U		0.52 U		0.47 U		0.53 U		0.55 U		0.51 U		0.5 U
4-Bromophenyl phenyl ether							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
4-Chloroaniline							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
4-Chlorophenyl phenyl ether							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
4-Nitroaniline							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
4-Nitrophenol							0.29 U		0.27 U		0.28 U		0.25 U		0.28 U		0.29 U		0.28 U		0.27 U
Acenaphthene	20	100	98				0.17 U		0.87		0.16 U		0.16		0.16 U		0.11 J		0.16 U		0.072 J
Acenaphthylene	100	100	107				0.16 J		0.58		0.16 U		0.17		0.16 U		0.38		0.16 U		0.14 J
Acetophenone							0.21 U		0.031 J		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Anthracene	100	100	1000				0.15		2.4		0.12 U		0.47		0.12 U		0.5		0.12 U		0.3
Atrazine							0.17 U		0.15 U		0.16 U		0.14 U		0.16 U		0.17 U		0.16 U		0.15 U
Benzaldehyde							0.27 U		0.16 J		0.26 U		0.24 U		0.27 U		0.12 J		0.26 U		0.25 U
Benzo(a)anthracene	1	1	1				0.75		5.7		0.12 U		1.3		0.03 J		3		0.12 U		1.2
Benzo(a)pyrene	1	1	22				0.72		5.1		0.16 U		1.2		0.16 U		3.9		0.16 U		1.2
Benzo(b)fluoranthene	1	1	1.7				1		7.4		0.12 U		1.5		0.12 U		5.6		0.12 U		1.5
Benzo(ghi)perylene	100	100	1000				0.42		2.7		0.16 U		0.73		0.16 U		2.9		0.16 U		0.68
Benzo(k)fluoranthene	0.8	3.9	1.7				0.34		1.8		0.12 U		0.44		0.12 U		1.4		0.12 U		0.45
Biphenyl							0.47 U		0.12 J		0.46 U		0.41 U		0.46 U		0.04 J		0.45 U		0.44 U
Bis(2-chloroethoxy)methane							0.22 U		0.21 U		0.22 U		0.2 U		0.22 U		0.23 U		0.21 U		0.21 U
Bis(2-chloroethyl)ether							0.19 U		0.17 U		0.18 U		0.16 U		0.18 U		0.19 U		0.18 U		0.17 U
Bis(2-chloroisopropyl)ether							0.25 U		0.23 U		0.24 U		0.22 U		0.24 U		0.25 U		0.24 U		0.23 U
Bis(2-ethylhexyl)phthalate							0.11 J		0.085 J		0.2 U		0.18 U		0.2 U		0.09 J		0.2 U		0.19 U
Butyl benzyl phthalate							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Caprolactam							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Carbazole							0.16 J		1		0.2 U		0.25		0.2 U		0.47		0.2 U		0.12 J
Chrysene	1	3.9	1				0.78		5		0.12 U		1.3		0.024 J		3.4		0.12 U		1.1
Di-n-butylphthalate							0.21 U		4.4		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Di-n-octylphthalate							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Dibenzo(a,h)anthracene	0.33	0.33	1000				0.11 J		0.72		0.12 U		0.15		0.12 U		0.67		0.12 U		0.16
Dibenzofuran	7	59	210				0.026 J		0.7		0.2 U		0.11 J		0.2 U		0.2 J		0.2 U		0.073 J
Diethyl phthalate							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Dimethyl phthalate							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Fluoranthene	100	100	1000				1.5		9.4		0.12 U		2.5		0.034 J		5.7		0.12 U		2.3
Fluorene	30	100	386				0.034 J		1.1		0.2 U		0.17 J		0.2 U		0.18 J		0.2 U		0.1 J
Hexachlorobenzene	0.33	1.2	3.2				0.12 U		0.11 U		0.12 U		0.11 U		0.12 U		0.13 U		0.12 U		0.12 U
Hexachlorobutadiene							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Hexachlorocyclopentadiene							0.59 U		0.54 U		0.57 U		0.52 U		0.58 U		0.6 U		0.56 U		0.55 U
Hexachloroethane							0.17 U		0.15 U		0.16 U		0.14 U		0.16 U		0.17 U		0.16 U		0.15 U
Indeno(1,2,3-cd)pyrene	0.5	0.5	8.2				0.49		3.1		0.16 U		0.69		0.16 U		3		0.16 U		0.77
Isophorone							0.19 U		0.17 U		0.18 U		0.16 U		0.18 U		0.19 U		0.18 U		0.17 U
n-Nitrosodi-n-propylamine							0.21 U		0.19 U		0.2 U		0.18 U		0.2 U		0.21 U		0.2 U		0.19 U
Naphthalene	12	100	12																		

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-111 FILL		TP-112 FILL		TP-112 NATIVE		TP-113 FILL		TP-113 NATIVE		TP-114 FILL		TP-114 NATIVE		TP-115 FILL		TP-115 NATIVE	
SAMPLING DATE				7/29/2025		7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025		7/29/2025		7/29/2025	
LAB SAMPLE ID				L2547432-08		L2547432-09		L2547432-10		L2547174-11		L2547174-12		L2547432-11		L2547432-12		L2547432-13		L2547432-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				3-4		2-2.5		4-4.5		2-3		5-5.5		1-2		3-4		1-1.5		5-5.5	
	Unrestricted Use SCO	Restricted Residential Use SCO	Protection of Groundwater SCO	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Chloro-m-cresol				0.21	U	0.19	U	0.2	U	0.18	U	0.2	U	0.21	U	0.2	U	0.2	U	0.19	U
Pentachlorophenol	0.8	6.7	0.8	0.17	U	0.15	U	0.16	U	0.14	U	0.16	U	0.17	U	0.16	U	0.16	U	0.15	U
Phenanthrene	100	100	1000	0.65		8.3		0.12	U	1.9		0.12	U	3.8		0.12	U	1.4		0.12	U
Phenol	0.33	100	0.33	0.21	U	0.19	U	0.2	U	0.18	U	0.2	U	0.032	J	0.2	U	0.2	U	0.19	U
Pyrene	100	100	1000	1.2		7.6		0.12	U	2.3		0.032	J	4.7		0.12	U	1.9		0.12	U
Polychlorinated Biphenyls by GC																					
Aroclor 1016	0.1	1	3.2	0.0599	U	0.0571	U	0.0593	U	-	-	-	-	0.0612	U	0.0551	U	0.0569	U	0.0383	U
Aroclor 1221	0.1	1	3.2	0.0599	U	0.0571	U	0.0593	U	-	-	-	-	0.0612	U	0.0551	U	0.0569	U	0.0383	U
Aroclor 1232	0.1	1	3.2	0.0599	U	0.0571	U	0.0593	U	-	-	-	-	0.0612	U	0.0551	U	0.0569	U	0.0383	U
Aroclor 1242	0.1	1	3.2	0.0599	U	0.0571	U	0.0593	U	-	-	-	-	0.0612	U	0.0551	U	0.0569	U	0.0383	U
Aroclor 1248	0.1	1	3.2	0.0599	U	0.0571	U	0.0593	U	-	-	-	-	0.0612	U	0.0551	U	0.0569	U	0.0383	U
Aroclor 1254	0.1	1	3.2	0.427		0.0571	U	0.0593	U	-	-	-	-	0.0612	U	0.0551	U	0.0569	U	0.0383	U
Aroclor 1260	0.1	1	3.2	0.0599	U	0.0137	J	0.0593	U	-	-	-	-	0.0127	J	0.0551	U	0.0569	U	0.0383	U
Aroclor 1262	0.1	1	3.2	0.0599	U	0.0571	U	0.0593	U	-	-	-	-	0.0612	U	0.0551	U	0.0569	U	0.0383	U
Aroclor 1268	0.1	1	3.2	0.0599	U	0.0571	U	0.0593	U	-	-	-	-	0.0612	U	0.0551	U	0.0569	U	0.0383	U
PCBs, Total	0.1	1	3.2	0.427		0.0137	J	0.0593	U	-	-	-	-	0.0127	J	0.0551	U	0.0569	U	0.0383	U
Organochlorine Pesticides by GC																					
4,4'-DDD	0.0033	13	14	0.00223	IP	0.00173	JIP	0.0019	U	-	-	-	-	0.00231		0.00187	U	0.00188	U	0.00182	U
4,4'-DDE	0.0033	8.9	17	0.0121		0.00949		0.0019	U	-	-	-	-	0.0329		0.00187	U	0.00164	J	0.00182	U
4,4'-DDT	0.0033	7.9	136	0.0463	P	0.0238		0.0019	U	-	-	-	-	0.0366		0.00187	U	0.00188	U	0.00182	U
Aldrin	0.005	0.097	0.19	0.00194	U	0.00183	U	0.0019	U	-	-	-	-	0.00197	U	0.00187	U	0.00188	U	0.00182	U
Alpha-BHC	0.02	0.48	0.02	0.00081	U	0.000761	U	0.000791	U	-	-	-	-	0.000822	U	0.000779	U	0.000782	U	0.000757	U
Beta-BHC	0.036	0.36	0.09	0.00194	U	0.00183	U	0.0019	U	-	-	-	-	0.00197	U	0.00187	U	0.00188	U	0.00182	U
cis-Chlordane	0.094	4.2	2.9	0.00243	U	0.00176	JIP	0.00237	U	-	-	-	-	0.00246	U	0.00234	U	0.00234	U	0.00227	U
Delta-BHC	0.04	100	0.25	0.00194	U	0.00183	U	0.0019	U	-	-	-	-	0.00197	U	0.00187	U	0.00188	U	0.00182	U
Dieldrin	0.005	0.2	0.1	0.00122	U	0.000913	JIP	0.00118	U	-	-	-	-	0.00123	U	0.00117	U	0.00117	U	0.00114	U
Endosulfan I	2.4	24	102	0.00194	U	0.00183	U	0.0019	U	-	-	-	-	0.00197	U	0.00187	U	0.00188	U	0.00182	U
Endosulfan II	2.4	24	102	0.00194	U	0.00183	U	0.0019	U	-	-	-	-	0.00197	U	0.00187	U	0.00188	U	0.00182	U
Endosulfan sulfate	2.4	24	1000	0.00081	U	0.000761	U	0.000791	U	-	-	-	-	0.000822	U	0.000779	U	0.000782	U	0.000757	U
Endrin	0.014	11	0.06	0.00081	U	0.000761	U	0.000791	U	-	-	-	-	0.000822	U	0.000779	U	0.000782	U	0.000757	U
Heptachlor	0.042	2.1	0.38	0.000972	U	0.000914	U	0.000949	U	-	-	-	-	0.000986	U	0.000934	U	0.000938	U	0.000908	U
Lindane	0.1	1.3	0.1	0.00081	U	0.000761	U	0.000791	U	-	-	-	-	0.000822	U	0.000779	U	0.000782	U	0.000757	U
Chlorinated Herbicides by GC																					
2,4,5-TP (Silvex)	3.8	100	3.8	0.207	U	0.19	U	0.198	U	-	-	-	-	0.21	U	0.196	U	0.2	U	0.191	U
Total Metals																					
Aluminum, Total				5240		4340		7260		5130		6440		4250		5040		4660		5940	
Antimony, Total				4.88	U	4.47	U	4.58	U	4.31	U	4.74	U	4.99	U	4.56	U	4.62	U	4.44	U
Arsenic, Total	13	16	16	2.89		9.53		2.36		8.18		2.18		5.52		1.18		10.8		2.66	
Barium, Total	350	400	820	84.7		148		133		77.3		64.6		77		29		84.6		37.4	
Beryllium, Total	7.2	72	47	0.358	J	0.514		0.515		0.395	J	0.454	J	0.301	J	0.333	J	0.376	J	0.392	J
Cadmium, Total	2.5	4.3	7.5	0.19	J	0.804	J	0.239	J	0.159	J	0.948	U	0.5	J	0.912	U	0.366	J	0.098	J
Calcium, Total				5570		11700		2530		13000		2960		8120		14000		8240		1920	
Chromium, Total				7.97		8.75		10.9		8.54		10		9.58		6.16		8.27		9.78	
Cobalt, Total				7.03		5.22		6.96		5.68		5.43		3.56		4.73		4.35		4.7	
Copper, Total	50	270	1720	6.74		46.6		4.99		21.2		1.82		89.2		1.72		22.1		2.37	
Cyanide, Total	27	27	40	1.2	U	0.25	J	1.1	U	1.1	U	1.2	U	0.38	J	1.1	U	1.1	U	1.1	U
Iron, Total				12400		12800		15400		11300		13600		11600		9490		14700		16100	
Lead, Total	63	400	450	22.9		104		2.35	J	96		1.79	J	144		0.724	J	144		1.26	J
Magnesium, Total				5680		4180		3840		7410		4020		3640		10200		3530		3570	
Manganese, Total	1600	2000	2000	522		280		1140		388		252		240		187		269		152	
Mercury, Total	0.18	0.81	0.73	0.078	J	0.401		0.077	U	0.615		0.099	U	0.38		0.084	U	0.181		0.078	U
Nickel, Total	30	310	130	21.2		11.2		26.5		12.5		23.1		10.2		19.6		13.3		20.2	
Potassium, Total				1080		513		783		532		946		614		1060		717		1240	
Selenium, Total	3.9	180	4	1.95	U	0.492	J	1.83	U	0.476	J	1.9	U	0.544	J	1.82	U	0.427	J	1.78	U
Silver, Total	2	180	8.3	0.488	U	0.447	U	0.458	U	0.431	U	0.474	U	0.499	U	0.456	U	0.462	U	0.444	U
Sodium, Total				195	U	179	U	183	U	172	U	190	U	200	U	182	U	185	U	178	U
Thallium, Total				1.95	U	1.79	U	1.83	U	1.72	U	1.9	U	2	U	1.82	U	1.85	U	1.78	U
Vanadium, Total				8.28		13.7		11.6		11.6		8.44		9.53		5.44		10.4		8.95	
Zinc, Total	109	10000	2480	32.6		123		21.2		76.1		21		150		16.4		132		21.9	

Table 3
Old Erie Commons - Remedial Investigation
Sub-Surface Soil Data Summary

LOCATION				TP-111 FILL		TP-112 FILL		TP-112 NATIVE		TP-113 FILL		TP-113 NATIVE		TP-114 FILL		TP-114 NATIVE		TP-115 FILL		TP-115 NATIVE	
SAMPLING DATE				7/29/2025		7/29/2025		7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025		7/29/2025		7/29/2025	
LAB SAMPLE ID				L2547432-08		L2547432-09		L2547432-10		L2547174-11		L2547174-12		L2547432-11		L2547432-12		L2547432-13		L2547432-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				3-4		2-2.5		4-4.5		2-3		5-5.5		1-2		3-4		1-1.5		5-5.5	
				Unrestricted Use SCO		Restricted Residential Use SCO		Protection of Groundwater SCO		Results		Qual		Results		Qual		Results		Qual	
Results				Qual		Results		Qual		Results		Qual		Results		Qual		Results		Qual	
Perfluorinated Alkyl Acids by EPA 1633																					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11CI-PF3OUdS)				1	U	0.927	U	0.971	U	-	-	-	-	1.02	U	0.951	U	0.96	U	0.934	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)				1	U	0.927	U	0.971	U	-	-	-	-	1.02	U	0.951	U	0.96	U	0.934	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)				1	U	0.927	U	0.971	U	-	-	-	-	1.02	U	0.951	U	0.96	U	0.934	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)				1	U	0.927	U	0.971	U	-	-	-	-	1.02	U	0.951	U	0.96	U	0.934	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)				6.27	U	5.79	U	6.07	U	-	-	-	-	6.38	U	5.94	U	6	U	5.84	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)				6.27	U	5.79	U	6.07	U	-	-	-	-	6.38	U	5.94	U	6	U	5.84	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)				1.25	U	1.16	U	1.21	U	-	-	-	-	1.28	U	1.19	U	1.2	U	1.17	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)				1	U	0.927	U	0.971	U	-	-	-	-	1.02	U	0.951	U	0.96	U	0.934	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9CI-PF3ONS)				1	U	0.927	U	0.971	U	-	-	-	-	1.02	U	0.951	U	0.96	U	0.934	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)				1	U	0.927	U	0.971	U	-	-	-	-	1.02	U	0.951	U	0.96	U	0.934	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)				0.04	J	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)				2.51	U	2.32	U	2.43	U	-	-	-	-	2.55	U	2.38	U	2.4	U	2.34	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)				1.02		0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)				2.51	U	2.32	U	2.43	U	-	-	-	-	2.55	U	2.38	U	2.4	U	2.34	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)				0.502	U	0.463	U	0.485	U	-	-	-	-	0.51	U	0.476	U	0.48	U	0.467	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)				0.502	U	0.463	U	0.485	U	-	-	-	-	0.51	U	0.476	U	0.48	U	0.467	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)				0.502	U	0.463	U	0.485	U	-	-	-	-	0.51	U	0.476	U	0.48	U	0.467	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)				0.502	U	0.463	U	0.485	U	-	-	-	-	0.51	U	0.476	U	0.48	U	0.467	U
Perfluorobutanesulfonic Acid (PFBS)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.077	J	0.238	U	0.029	J	0.234	U
Perfluorobutanoic Acid (PFBA)				0.055	J	0.298	J	0.971	U	-	-	-	-	0.676	J	0.951	U	0.331	J	0.046	J
Perfluorodecanesulfonic Acid (PFDS)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
Perfluorodecanoic Acid (PFDA)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.094	J	0.238	U	0.057	J	0.234	U
Perfluorododecanesulfonic Acid (PFDoS)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
Perfluorododecanoic Acid (PFDoA)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.032	J	0.238	U	0.24	U	0.234	U
Perfluoroheptanesulfonic Acid (PFHpS)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
Perfluoroheptanoic Acid (PFHpA)				0.035	J	0.089	J	0.243	U	-	-	-	-	0.28		0.238	U	0.128	J	0.234	U
Perfluorohexanesulfonic Acid (PFHxS)				0.251	U	0.062	J	0.243	U	-	-	-	-	0.148	J	0.238	U	0.159	J	0.234	U
Perfluorohexanoic Acid (PFHxA)				0.251	U	0.119	J	0.243	U	-	-	-	-	0.231	J	0.238	U	0.15	J	0.234	U
Perfluorononanesulfonic Acid (PFNS)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
Perfluorononanoic Acid (PFNA)				0.095	J	0.102	J	0.243	U	-	-	-	-	0.193	J	0.238	U	0.142	J	0.234	U
Perfluorooctanesulfonamide (PFOSA)				0.175	JF	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
Perfluorooctanesulfonic Acid (PFOS)	0.88	44	1	2.16		0.777		0.243	U	-	-	-	-	1.45		0.108	J	0.737		0.234	U
Perfluorooctanoic Acid (PFOA)	0.66	33	0.8	0.248	J	0.564		0.243	U	-	-	-	-	0.911		0.238	U	0.582		0.234	U
Perfluoropentanesulfonic Acid (PFPeS)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
Perfluoropentanoic Acid (PFPeA)				0.502	U	0.084	J	0.485	U	-	-	-	-	0.226	J	0.476	U	0.1	J	0.467	U
Perfluorotetradecanoic Acid (PFTeDA)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.255	U	0.238	U	0.24	U	0.234	U
Perfluorotridecanoic Acid (PFTTrDA)				0.251	U	0.232	U	0.243	U	-	-	-	-	0.031	J	0.238	U	0.24	U	0.234	U
Perfluoroundecanoic Acid (PFUnA)				0.04	J	0.032	J	0.243	U	-	-	-	-	0.071	J	0.238	U	0.052	J	0.234	U
Asbestos in Bulk																					
Asbestos Fibers				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 4

Old Erie Commons - Remedial Investigation

Groundwater Data Summary

LOCATION		MW-101		MW-101		DUP_102125		MW-102		MW-102		MW-103		MW-103		MW-104		DUP-03		MW-104		EQUIPMENT BLANK		EQUIPMENT BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK		
SAMPLING DATE		7/31/2025		10/21/2025		10/21/2025		7/31/2025		10/21/2025		7/30/2025		10/21/2025		7/30/2025		7/30/2025		10/21/2025		7/31/2025		10/21/2025		7/30/2025		7/31/2025		10/21/2025		
LAB SAMPLE ID		L2548090-01		L2566646-01		L2566646-05		L2548090-02		L2566646-02		L2547831-02		L2566646-03		L2547831-01		L2547831-03		L2566646-04		L2548090-03		L2566646-06		L2547831-06		L2548090-05		L2566646-07		
SAMPLE TYPE		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		
SAMPLE DEPTH (ft.)		12		12		15		11		11		12		12		15		15		15		--		--		--		--		--		
	TOGS 1.1.1 AWQS	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Semivolatile Organics by GC/MS																																
1,2,4,5-Tetrachlorobenzene	5	10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		--		--		--		--		--		
2,3,4,6-Tetrachlorophenol		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2,4,5-Trichlorophenol		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2,4,6-Trichlorophenol		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2,4-Dichlorophenol	1	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2,4-Dimethylphenol	50	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2,4-Dinitrophenol	10	20 U		20 U		20 U		20 U		20 U		20 U		20 U		20 U		20 U		20 U		--		--		--		--		--		
2,4-Dinitrotoluene	5	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2,6-Dinitrotoluene	5	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2-Chlorophenol		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
2-Methylphenol		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2-Nitroaniline	5	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
2-Nitrophenol		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		--		--		--		--		--		
3,3'-Dichlorobenzidine	5	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
3-Methylphenol/4-Methylphenol		5 U		5 U		5 U		5 U		5 U		5 U	1.7 J	5 U		5 U		5 U		5 U		--		--		--		--		--		
3-Nitroaniline	5	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
4,6-Dinitro-o-cresol		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		--		--		--		--		--		
4-Bromophenyl phenyl ether		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
4-Chloroaniline	5	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
4-Chlorophenyl phenyl ether		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
4-Nitroaniline	5	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
4-Nitrophenol		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		--		--		--		--		--		
Acetophenone		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
Atrazine	7.5	10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		--		--		--		--		--		
Benzaldehyde		5 U		5 U		5 U		5 U		5 U		1.2 J	5 U		5 U		5 U		5 U		5 U		--		--		--		--		--	
Biphenyl		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
Bis(2-chloroethoxy)methane	5	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
Bis(2-chloroethyl)ether	1	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
Bis(2-chloroisopropyl)ether	5	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
Bis(2-ethylhexyl)phthalate	5	3 U		2.1 J		1.9 J		3 U		2 J		3 U		2 J		3 U		3 U		2.2 J		--		--		--		--		--		
Butyl benzyl phthalate	50	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
Caprolactam		10 U		1.3 J		1.5 J		10 U		1.6 J		10 U		10 U		10 U		10 U		2.1 J		--		--		--		--		--		
Carbazole		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
Di-n-butylphthalate	50	5 U		1.9 J		2.4 J		5 U		2.5 J		5.2		1.9 J		4.7 J		4.6 J		3.6 J		--		--		--		--		--		
Di-n-octylphthalate	50	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
Dibenzofuran		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
Diethyl phthalate	50	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
Dimethyl phthalate	50	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
Hexachlorocyclopentadiene	5	20 U		20 U		20 U		20 U		20 U		20 U		20 U		20 U		20 U		20 U		--		--		--		--		--		
Isophorone	50	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
n-Nitrosodi-n-propylamine		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--		
NDPA/DPA	50	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
Nitrobenzene	0.4	2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
p-Chloro-m-cresol		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		--		--		--		--		--		
Phenol	1	0.94 J		5 U		5 U		5 U		5 U		5 U	1.3 J	5 U		5 U		5 U		5 U		--		--		--		--		--		

Table 4

**Old Erie Commons - Remedial Investigation
Groundwater Data Summary**

LOCATION		MW-101		MW-101		DUP_102125		MW-102		MW-102		MW-103		MW-103		MW-104		DUP-03		MW-104		EQUIPMENT BLANK		EQUIPMENT BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK	
SAMPLING DATE		7/31/2025		10/21/2025		10/21/2025		7/31/2025		10/21/2025		7/30/2025		10/21/2025		7/30/2025		7/30/2025		10/21/2025		7/31/2025		10/21/2025		7/30/2025		7/31/2025		10/21/2025	
LAB SAMPLE ID		L2548090-01		L2566646-01		L2566646-05		L2548090-02		L2566646-02		L2547831-02		L2566646-03		L2547831-01		L2547831-03		L2566646-04		L2548090-03		L2566646-06		L2547831-06		L2548090-05		L2566646-07	
SAMPLE TYPE		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)		12		12		15		11		11		12		12		15		15		15		--		--		--		--		--	
	TOGS 1.1.1 AWQS	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS-SIM																															
1,4-Dioxane	0.35	0.104	J	0.268	U	0.268	U	0.147	J	0.268	U	0.173	J	0.268	U	0.171	J	0.0931	J	0.268	U	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene		0.03	J	0.1	U	0.1	U	0.04	J	0.1	U	0.03	J	0.03	J	0.04	J	0.06	J	0.03	J	--	--	--	--	--	--	--	--	--	--
Acenaphthene	20	0.15		0.16		0.18		0.1	U	0.1	U	0.04	J	0.06	J	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Acenaphthylene		0.1	U	0.1	U	0.03	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Anthracene	50	0.05	J	0.08	J	0.12		0.1	U	0.03	J	0.1	U	0.03	J	0.05	J	0.06	J	0.06	J	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	0.002	0.04	J	0.1	U	0.11		0.04	J	0.1	U	0.04	J	0.1	U	0.04	J	0.03	J	0.1	U	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	0	0.1	U	0.1	U	0.06	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	0.11		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Benzo(ghi)perylene		0.1	U	0.1	U	0.05	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	0.06	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Chrysene	0.002	0.1	U	0.1	U	0.1	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene		0.1	U	0.1	U	0.03	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Fluoranthene	50	0.08	J	0.04	J	0.15		0.06	J	0.05	J	0.07	J	0.07	J	0.06	J	0.05	J	0.05	J	--	--	--	--	--	--	--	--	--	--
Fluorene	50	0.04	J	0.03	J	0.04	J	0.04	J	0.1	U	0.04	J	0.04	J	0.03	J	0.03	J	0.04	J	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	0.04	0.8	U	0.02	J	0.02	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.03	J	0.01	J	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	0.06	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	--	--	--	--	--	--	--	--	--
Naphthalene	10	0.03	J	0.03	J	0.03	J	0.04	J	0.03	J	0.06	J	0.07	J	0.04	J	0.05	J	0.06	J	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	1	0.26	J	0.8	U	0.8	U	0.8	U	0.8	U	0.25	J	0.8	U	0.8	U	0.24	J	0.8	U	--	--	--	--	--	--	--	--	--	--
Phenanthrene	50	0.15		0.08	J	0.1	J	0.2		0.1		0.18		0.14		0.14		0.12		0.12		--	--	--	--	--	--	--	--	--	--
Pyrene	50	0.07	J	0.1	U	0.12		0.05	J	0.1	U	0.04	J	0.1	U	0.07	J	0.07	J	0.08	J	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls by GC																															
Aroclor 1016	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Aroclor 1221	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Aroclor 1232	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Aroclor 1242	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Aroclor 1248	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Aroclor 1254	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Aroclor 1260	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Aroclor 1262	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Aroclor 1268	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
PCBs, Total	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	--	--	--	--	--	--	--	--	--	--
Organochlorine Pesticides by GC																															
4,4'-DDD	0.3	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	--	--	--	--	--	--	--	--	--	--
Aldrin	0	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	--	--	--	--	--	--	--	--	--	--
Alpha-BHC	0.01	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	--	--	--	--	--	--	--	--	--	--
Beta-BHC	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	--	--	--	--	--	--	--	--	--	--
Chlordane	0.05	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	--	--	--	--	--	--	--	--	--	--
cis-Chlordane		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	--	--	--	--	--	--	--	--	--	--
Delta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	--	--	--	--	--	--	--	--	--	--
Dieldrin	0.004	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	--	--	--	--	--	--	--	--	--	--
Endosulfan I		0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	--	--	--	--	--	--	--	--	--	--
Endosulfan II		0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	--	--	--	--	--	--	--	--	--	--
Endosulfan sulfate		0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	--	--	--	--	--	--	--	--	--	--
Endrin	0	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	--	--	--	--	--	--	--	--	--	--
Endrin aldehyde	5	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	--	--	--	--	--	--	--	--	--	--
Endrin ketone	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.031	IP	0.029	U	0.029	U	0.029	U	0.029	U	--	--	--	--	--	--	--	--	--	--
Heptachlor	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U																		

Table 4

**Old Erie Commons - Remedial Investigation
Groundwater Data Summary**

LOCATION		MW-101		MW-101		DUP_102125		MW-102		MW-102		MW-103		MW-103		MW-104		DUP-03		MW-104		EQUIPMENT BLANK		EQUIPMENT BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK	
SAMPLING DATE		7/31/2025		10/21/2025		10/21/2025		7/31/2025		10/21/2025		7/30/2025		10/21/2025		7/30/2025		7/30/2025		10/21/2025		7/31/2025		10/21/2025		7/30/2025		7/31/2025		10/21/2025	
LAB SAMPLE ID		L2548090-01		L2566646-01		L2566646-05		L2548090-02		L2566646-02		L2547831-02		L2566646-03		L2547831-01		L2547831-03		L2566646-04		L2548090-03		L2566646-06		L2547831-06		L2548090-05		L2566646-07	
SAMPLE TYPE		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)		12		12		15		11		11		12		12		15		15		15		--		--		--		--		--	
		TOGS 1.1.1 AWQS		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																															
Aluminum, Total			204		39		57.4		86.9		14.8		40.3		16.7		14.3		9.67 J		18.6		--		--		--		--		--
Antimony, Total		3	4 U		4 U		4 U		4 U		4 U		4 U		4 U		4 U		4 U		4 U		--		--		--		--		--
Arsenic, Total		25	1.2		0.7		0.61		0.61		1.3		1.39		9.27		0.59		0.49 J		2.52		--		--		--		--		--
Barium, Total		1000	57.8		44.11		42		71.9		55.4		106.5		106.1		45.67		42.25		36.85		--		--		--		--		--
Beryllium, Total		3	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		--		--		--		--		--
Cadmium, Total		5	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		--		--		--		--		--
Calcium, Total			78700		109000		98400		99100		122000		119000		147000		85400		86300		111000		--		--		--		--		--
Chromium, Total		50	0.4 J		1 U		1 U		0.2 J		1 U		1 U		0.17 J		1 U		1 U		1 U		--		--		--		--		--
Cobalt, Total			0.24 J		0.5 U		0.5 U		0.2 J		0.22 J		0.23 J		0.21 J		0.5 U		0.5 U		0.5 U		--		--		--		--		--
Copper, Total		200	1 U		1 U		1 U		1 U		1 U		0.47 J		1 U		1 U		1 U		1 U		--		--		--		--		--
Cyanide, Total		200	2 J		5 U		5 U		2 J		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--
Iron, Total		300	2260		2300		2160		2720		2970		2310		3160		1960		2000		2540		--		--		--		--		--
Lead, Total		25	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U		--		--		--		--		--
Magnesium, Total		35000	34100		38100		36500		58600		67700		63900		65700		35300		36000		44300		--		--		--		--		--
Manganese, Total		300	48.78		39.41		37.55		113.5		125.9		117.7		423.1		77.02		75.87		116.5		--		--		--		--		--
Mercury, Total		0.7	0.1 J		0.2 U		0.2 U		0.12 J		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		--		--		--		--		--
Nickel, Total		100	1.75 J		2 U		2 U		0.87 J		2 U		0.67 J		2 U		2 U		2 U		2 U		--		--		--		--		--
Potassium, Total			13700		10000		9340		17200		15000		35000		37100		15400		15200		17300		--		--		--		--		--
Selenium, Total		10	5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--
Silver, Total		50	0.4 U		0.4 U		0.4 U		0.4 U		0.4 U		0.4 U		0.4 U		0.4 U		0.4 U		0.4 U		--		--		--		--		--
Sodium, Total		20000	19300		23200		21600		11700		11700		22200		26500		32400		33000		27000		--		--		--		--		--
Thallium, Total		0.5	1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U		1 U		--		--		--		--		--
Vanadium, Total			5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		5 U		--		--		--		--		--
Zinc, Total		2000	10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		10 U		--		--		--		--		--
Dissolved Metals																															
Aluminum, Dissolved			--		10 U		10 U		--		--		--		--		--		--		--		--		--		--		--		--
Antimony, Dissolved		3	--		4 U		4 U		--		--		--		--		--		--		--		--		--		--		--		--
Arsenic, Dissolved		25	--		0.28 J		0.28 J		--		--		--		--		--		--		--		--		--		--		--		--
Barium, Dissolved		1000	--		40.33		40.98		--		--		--		--		--		--		--		--		--		--		--		--
Beryllium, Dissolved		3	--		0.5 U		0.5 U		--		--		--		--		--		--		--		--		--		--		--		--
Cadmium, Dissolved		5	--		0.2 U		0.2 U		--		--		--		--		--		--		--		--		--		--		--		--
Calcium, Dissolved			--		95100		93600		--		--		--		--		--		--		--		--		--		--		--		--
Chromium, Dissolved		50	--		1 U		1 U		--		--		--		--		--		--		--		--		--		--		--		--
Cobalt, Dissolved			--		0.5 U		0.5 U		--		--		--		--		--		--		--		--		--		--		--		--
Copper, Dissolved		200	--		1 U		1 U		--		--		--		--		--		--		--		--		--		--		--		--
Iron, Dissolved		300	--		25.9 J		73		--		--		--		--		--		--		--		--		--		--		--		--
Lead, Dissolved		25	--		1 U		1 U		--		--		--		--		--		--		--		--		--		--		--		--
Magnesium, Dissolved		35000	--		37900		37900		--		--		--		--		--		--		--		--		--		--		--		--
Manganese, Dissolved		300	--		37.02		35.91		--		--		--		--		--		--		--		--		--		--		--		--
Mercury, Dissolved		0.7	--		0.2 U		0.2 U		--		--		--		--		--		--		--		--		--		--		--		--
Nickel, Dissolved		100	--		0.72 J		2 U		--		--		--		--		--		--		--		--		--		--		--		--
Potassium, Dissolved			--		8990		8780		--		--		--		--		--		--		--		--		--		--		--		--
Selenium, Dissolved		10	--		5 U		5 U		--		--		--		--		--		--		--		--		--		--		--		--
Silver, Dissolved		50	--		0.4 U		0.4 U		--		--		--		--		--		--		--		--		--		--		--		--
Sodium, Dissolved		20000	--		22600		21900		--		--		--		--		--		--		--		--		--		--		--		--
Thallium, Dissolved		0.5	--		1 U		1 U		--		--		--		--		--		--		--		--		--		--		--		--
Vanadium, Dissolved			--		5 U		5 U		--		--		--		--		--		--		--		--		--		--		--		--
Zinc, Dissolved		2000	--		10 U		10 U		--		--		--		--		--		--		--		--		--		--		--		--

Table 4

Old Erie Commons - Remedial Investigation

Groundwater Data Summary

LOCATION		MW-101		MW-101		DUP_102125		MW-102		MW-102		MW-103		MW-103		MW-104		DUP-03		MW-104		EQUIPMENT BLANK		EQUIPMENT BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK	
SAMPLING DATE		7/31/2025		10/21/2025		10/21/2025		7/31/2025		10/21/2025		7/30/2025		10/21/2025		7/30/2025		7/30/2025		10/21/2025		7/31/2025		10/21/2025		7/30/2025		7/31/2025		10/21/2025	
LAB SAMPLE ID		L2548090-01		L2566646-01		L2566646-05		L2548090-02		L2566646-02		L2547831-02		L2566646-03		L2547831-01		L2547831-03		L2566646-04		L2548090-03		L2566646-06		L2547831-06		L2548090-05		L2566646-07	
SAMPLE TYPE		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)		12		12		15		11		11		12		12		15		15		15		--		--		--		--		--	
	TOGS 1.1.1 AWQS	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorinated Alkyl Acids by EPA 1633																															
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11CI-PF3OUds)		5.79 U		6.37 U		5.74 U		5.7 U		5.52 U		5.58 U		5.69 U		5.63 U		5.69 U		5.66 U		6.55 U		6.07 U		--		--		--	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)		5.79 U		6.37 U		5.74 U		5.7 U		5.52 U		5.58 U		5.69 U		5.63 U		5.69 U		5.66 U		6.55 U		6.07 U		--		--		--	
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)		5.79 U		6.37 U		5.74 U		5.7 U		5.52 U		5.58 U		5.69 U		5.63 U		5.69 U		5.66 U		6.55 U		6.07 U		--		--		--	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)		5.79 U		6.37 U		5.74 U		5.7 U		5.52 U		5.58 U		5.69 U		5.63 U		5.69 U		5.66 U		6.55 U		6.07 U		--		--		--	
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)		36.2 U		39.8 U		35.9 U		35.6 U		34.5 U		34.9 U		35.6 U		35.2 U		35.6 U		35.3 U		40.9 U		38 U		--		--		--	
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)		36.2 U		39.8 U		35.9 U		35.6 U		34.5 U		34.9 U		35.6 U		35.2 U		35.6 U		35.3 U		40.9 U		38 U		--		--		--	
3-Perfluoropropyl Propanoic Acid (3:3FTCA)		7.24 U		7.97 U		7.18 U		7.12 U		6.9 U		6.98 U		7.11 U		7.03 U		7.12 U		7.07 U		8.19 U		7.59 U		--		--		--	
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)		5.79 U		6.37 U		5.74 U		5.7 U		5.52 U		5.58 U		5.69 U		5.63 U		5.69 U		5.66 U		6.55 U		6.07 U		--		--		--	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9CI-PF3ONS)		5.79 U		6.37 U		5.74 U		5.7 U		5.52 U		5.58 U		5.69 U		5.63 U		5.69 U		5.66 U		6.55 U		6.07 U		--		--		--	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)		5.79 U		6.37 U		5.74 U		5.7 U		5.52 U		5.58 U		5.69 U		5.63 U		5.69 U		5.66 U		6.55 U		6.07 U		--		--		--	
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)		0.318 J		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)		14.5 U		15.9 U		14.4 U		14.2 U		13.8 U		14 U		14.2 U		14.1 U		14.2 U		14.1 U		16.4 U		15.2 U		--		--		--	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)		0.774 J		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)		14.5 U		15.9 U		14.4 U		14.2 U		13.8 U		14 U		14.2 U		14.1 U		14.2 U		14.1 U		16.4 U		15.2 U		--		--		--	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)		2.9 U		3.19 U		2.87 U		2.85 U		2.76 U		2.79 U		2.84 U		2.81 U		2.85 U		2.83 U		3.28 U		3.04 U		--		--		--	
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)		2.9 U		3.19 U		2.87 U		2.85 U		2.76 U		2.79 U		2.84 U		2.81 U		2.85 U		2.83 U		3.28 U		3.04 U		--		--		--	
Perfluoro-3-Methoxypropanoic Acid (PFMPA)		2.9 U		3.19 U		2.87 U		2.85 U		2.76 U		2.79 U		2.84 U		2.81 U		2.85 U		2.83 U		3.28 U		3.04 U		--		--		--	
Perfluoro-4-Methoxybutanoic Acid (PFMBA)		2.9 U		3.19 U		2.87 U		2.85 U		2.76 U		2.79 U		2.84 U		2.81 U		2.85 U		2.83 U		3.28 U		3.04 U		--		--		--	
Perfluorobutanesulfonic Acid (PFBS)		2.37		2.09		1.92		3.48		2.69		0.879 J		0.555 J		1.22 J		0.946 J		0.806 J		1.64 U		1.52 U		--		--		--	
Perfluorobutanoic Acid (PFBA)		6.96		6.98		6.72		9.53		5.87		4.93 J		2.66 J		4.14 J		4.41 J		4 J		6.55 U		6.07 U		--		--		--	
Perfluorodecanesulfonic Acid (PFDS)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluorodecanoic Acid (PFDA)		0.275 J		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluorododecanesulfonic Acid (PFDoS)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluorododecanoic Acid (PFDoA)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluoroheptanesulfonic Acid (PFHpS)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluoroheptanoic Acid (PFHpA)		1.34 J		1.59		1.55		1.84		2.36		1.16 J		0.911 J		0.528 J		0.498 J		0.919 J		1.64 U		1.52 U		--		--		--	
Perfluorohexanesulfonic Acid (PFHxS)		1.6		3.41		3.29		1.27 J		1.67		2		1.2 J		0.9 J		1.13 J		1 J		1.64 U		1.52 U		--		--		--	
Perfluorohexanoic Acid (PFHxA)		1.87		2.17		2.33		3.17		3.3		1.84		0.939 J		0.914 J		0.996 J		1.14 J		1.64 U		1.52 U		--		--		--	
Perfluorononanesulfonic Acid (PFNS)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluorononanoic Acid (PFNA)		0.528 J		0.558 J		0.445 J		0.449 J		0.676 J		0.461 J		0.341 J		0.422 J		0.349 J		0.325 J		1.64 U		1.52 U		--		--		--	
Perfluorooctanesulfonamide (PFOSA)		0.427 J		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluorooctanesulfonic Acid (PFOS)		2.7		8.1		8.8		8.89		1.82		2.94		0.858 J		0.74 J		1.66		1.97		2.35		1.64 U		0.562 J		--		--	
Perfluorooctanoic Acid (PFOA)		6.7		3.52		4.35		4.19		5.51		6.71		1.87		1.17 J		2.14		1.85		2.9		1.64 U		1.52 U		--		--	
Perfluoropentanesulfonic Acid (PFPeS)		0.326 J		1.59 U		1.44 U		0.392 J		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluoropentanoic Acid (PFPeA)		1.51 J		2.42 J		2.05 J		3.29		3.46		1.26 J		0.612 J		1.04 J		0.754 J		1.29 J		3.28 U		3.04 U		--		--		--	
Perfluorotetradecanoic Acid (PFTeDA)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluorotridecanoic Acid (PFTTrDA)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	
Perfluoroundecanoic Acid (PFUnA)		1.45 U		1.59 U		1.44 U		1.42 U		1.38 U		1.4 U		1.42 U		1.41 U		1.42 U		1.41 U		1.64 U		1.52 U		--		--		--	

- Notes:**
- Except for PFAS, analytical results compared to NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
 - PFAS compounds compared to thresholds provided in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, April 2023.
 - Results and groundwater standards are in parts per billion (ppb), except for PFAS which is in parts per trillion (ppt).
 - Analytes detected at concentrations greater than laboratory detections limits are **bolded**.
 - Highlighted cell indicates the respective use groundwater limitation exceeded.
 - Blank space indicates that a groundwater limitation does not exist.
 - Duplicate sample results are provided to the right of the parent sample results.
 - "J" indicates estimated concentration.
 - "U" indicates analyte not detected at concentration greater than laboratory detection limit.
 - "-" indicates that sample was not analyzed for that parameter.
 - Equipment blank was collected through unused sampling tubing.

Table 5
Old Erie Commons - Remedial Investigation
Soil Vapor Data Summary

LOCATION	SV-101		SV-102		SV-103		SV-104		SV-106		OA-101	
SAMPLING DATE	7/31/2025		7/31/2025		7/31/2025		7/31/2025		7/31/2025		7/31/2025	
LAB SAMPLE ID	L2548247-01		L2548247-02		L2548247-03		L2548247-04		L2548247-06		L2548247-07	
SAMPLE TYPE	SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR		AIR	
SAMPLE DEPTH (ft.)	2		3		2		2		2		--	
	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air												
1,1,1-Trichloroethane	3.64	U	5.46	U	5.46	U	3.64	U	10.9	U	1.09	U
1,1,2,2-Tetrachloroethane	4.58	U	6.87	U	6.87	U	4.58	U	13.7	U	1.37	U
1,1,2-Trichloroethane	3.64	U	5.46	U	5.46	U	3.64	U	10.9	U	1.09	U
1,1-Dichloroethane	2.7	U	4.05	U	4.05	U	2.7	U	8.09	U	0.809	U
1,1-Dichloroethene	2.64	U	3.96	U	3.96	U	2.64	U	7.93	U	0.793	U
1,2,4-Trichlorobenzene	4.95	U	7.42	U	7.42	U	4.95	U	14.8	U	1.48	U
1,2,4-Trimethylbenzene	26.4		25.1		30.8		27.3		33.8		0.983	U
1,2-Dibromoethane	5.13	U	7.69	U	7.69	U	5.13	U	15.4	U	1.54	U
1,2-Dichlorobenzene	4.01	U	6.01	U	6.01	U	4.01	U	12	U	1.2	U
1,2-Dichloroethane	2.7	U	4.05	U	4.05	U	2.7	U	8.09	U	0.809	U
1,2-Dichloropropane	3.08	U	4.62	U	4.62	U	3.08	U	9.24	U	0.924	U
1,3,5-Trimethylbenzene	7.03		7.03		8.21		7.33		9.83	U	0.983	U
1,3-Butadiene	1.48	U	2.21	U	2.21	U	1.48	U	4.42	U	0.442	U
1,3-Dichlorobenzene	4.01	U	6.01	U	6.01	U	4.01	U	12	U	1.2	U
1,4-Dichlorobenzene	4.01	U	6.01	U	6.01	U	4.01	U	12	U	1.2	U
1,4-Dioxane	2.4	U	3.6	U	3.6	U	2.4	U	7.21	U	0.721	U
2,2,4-Trimethylpentane	3.12	U	4.67	U	4.67	U	3.12	U	9.34	U	0.934	U
2-Butanone	843		1930		1480		1330		2670		1.69	
2-Hexanone	201		335		245		261		387		0.82	U
3-Chloropropene	2.09	U	3.13	U	3.13	U	2.09	U	6.26	U	0.626	U
4-Ethyltoluene	6.83		4.92	U	4.92	U	3.49		9.83	U	0.983	U
4-Methyl-2-pentanone	6.84	U	10.2	U	10.2	U	6.84	U	20.5	U	2.05	U
Acetone	150		499		359		316		717		16.2	
Benzene	2.13	U	3.19	U	8.69		2.13	U	6.39	U	0.76	
Benzyl chloride	3.45	U	5.18	U	5.18	U	3.45	U	10.4	U	1.04	U
Bromodichloromethane	4.47	U	6.7	U	6.7	U	4.47	U	13.4	U	1.34	U
Bromoform	6.9	U	10.3	U	10.3	U	6.9	U	20.7	U	2.07	U
Bromomethane	2.59	U	3.88	U	3.88	U	2.59	U	7.77	U	0.777	U
Carbon disulfide	3.52		4.05		12.3		20.6		6.51		0.623	U
Carbon tetrachloride	4.2	U	6.29	U	6.29	U	4.2	U	12.6	U	1.26	U
Chlorobenzene	3.07	U	4.61	U	4.61	U	3.07	U	9.21	U	0.921	U
Chloroethane	1.76	U	2.64	U	2.64	U	1.76	U	5.28	U	0.528	U
Chloroform	6.69		4.88	U	4.88	U	5.13		11.1		0.977	U
Chloromethane	1.38	U	2.07	U	2.07	U	1.38	U	4.13	U	1.36	
cis-1,2-Dichloroethene	2.64	U	3.96	U	3.96	U	2.64	U	7.93	U	0.793	U
cis-1,3-Dichloropropene	3.03	U	4.54	U	4.54	U	3.03	U	9.08	U	0.908	U
Cyclohexane	2.3	U	3.44	U	7.5		2.43		6.88	U	0.688	U
Dibromochloromethane	5.68	U	8.52	U	8.52	U	5.68	U	17	U	1.7	U
Dichlorodifluoromethane	3.3	U	4.94	U	4.94	U	3.3	U	9.89	U	2.12	
Ethanol	38.8		52		47.1	U	1740		94.2	U	9.42	U
Ethyl Acetate	6.02	U	9.01	U	9.01	U	6.02	U	18	U	1.8	U
Ethylbenzene	16.3		17.8		18.9		15.5		24.5		0.869	U
Freon-113	5.11	U	7.66	U	7.66	U	5.11	U	15.3	U	1.53	U
Freon-114	4.66	U	6.99	U	6.99	U	4.66	U	14	U	1.4	U
Heptane	2.73	U	4.47		6.27		4.34		8.2	U	0.82	U
Hexachlorobutadiene	7.11	U	10.7	U	10.7	U	7.11	U	21.3	U	2.13	U
Isopropanol	8.19	U	12.3	U	12.3	U	8.19	U	24.6	U	38.8	
Methyl tert butyl ether	2.4	U	3.61	U	3.61	U	2.4	U	7.21	U	0.721	U
Methylene chloride	5.8	U	8.69	U	8.69	U	5.8	U	17.4	U	1.74	U
n-Hexane	2.35	U	3.95		8.11		6.13		8.46		4.23	
Naphthalene	3.32	U	4.98	U	4.98	U	3.32	U	9.96	U	0.996	U
o-Xylene	25.8		29.3		31.7		27.1		41.8		0.869	U
p/m-Xylene	70.4		76.4		76.4		66.9		99		1.74	U
Styrene	2.84	U	4.26	U	4.26	U	2.84	U	8.52	U	0.852	U
Tertiary butyl Alcohol	5.58		14.8		7.58	U	8.31		21		1.52	U
Tetrachloroethene	4.52	U	6.78	U	14.6		4.52	U	13.6	U	1.36	U
Tetrahydrofuran	4.93	U	7.37	U	7.37	U	4.93	U	14.7	U	1.47	U
Toluene	29.5		36.5		36.6		27		41.5		0.754	U
trans-1,2-Dichloroethene	2.64	U	3.96	U	3.96	U	2.64	U	7.93	U	0.793	U
trans-1,3-Dichloropropene	3.03	U	4.54	U	4.54	U	3.03	U	9.08	U	0.908	U
Trichloroethene	3.58	U	5.37	U	5.37	U	3.58	U	10.7	U	1.07	U
Trichlorofluoromethane	15.5		5.62	U	5.62	U	3.75	U	11.2	U	1.12	U
Vinyl bromide	2.92	U	4.37	U	4.37	U	2.92	U	8.74	U	0.874	U
Vinyl chloride	1.71	U	2.56	U	2.56	U	1.71	U	5.11	U	0.511	U

- Notes:**
- Results and guidance values in micrograms per cubic meter (ug/m3).
 - Analytes detected at concentrations greater than laboratory detections limits are **bolded**.
 - "U" indicates analyte not detected at concentration greater than laboratory detection limit.
 - "-" indicates that sample was not analyzed for that parameter.
 - SV-105 could not be analyzed because the sample was impacted by groundwater.



Table 6

SUMMARY OF PREVIOUS PHASE II INVESTIGATIONS SOIL/FIIL ANALYTICAL RESULTS
REMEDIAL INVESTIGATION/ALTERNATIVES ANALYSIS WORK PLAN
OLD ERIE COMMONS SITE
VILLAGE OF CANASTOTA, NEW YORK

PARAMETER ¹	Unrestricted Use SCOs ²	Restricted Residential Use SCOs ²	Commercial Use SCOs ²	Industrial Use SCOs ²											
					SB-1 0 to 4 ft	SB-3 0 to 4 ft	SB-5 4 to 6 ft	TP-1 1 to 3 ft	TP-5 3 to 4 ft	TP-8 3 to 4 ft	TP-9 2 to 3 ft	TP-15 2 to 4 ft	TP-16 2 to 2.5 ft	TP-17 1 to 3 ft	TP-18 3 to 3.5 ft
Sample Date					10/25/2019			03/24/2021				10/20/2021			
Volatile Organic Compounds (VOCs) - mg/kg ³															
Acetone	0.05	100	500	1000	0.032	0.019	0.063	--	--	--	--	--	--	--	--
Methylene Chloride	0.05	100	500	1000	0.0052 JB	0.004 JB	0.0034 JB	--	--	--	--	--	--	--	--
Semi-Volatile Organic Compounds (SVOCs) - mg/kg ³															
Acenaphthene	20	100	500	1000	ND	ND	0.52 J	ND	0.15 J	0.12 J	0.028 J	--	1.2	ND	--
Fluoranthene	100	100	500	1000	0.11 J	0.043 J	5.1	0.24	2.7	2.5	0.28	--	31 D	0.41	--
Naphthalene	12	100	500	1000	ND	ND	0.53 J	0.038 J	0.19 J	0.93	0.061 J	--	--	--	--
Benzo(a)anthracene	1	1	5.6	11	0.065 J	0.028 J	2.3	0.16	1.6	1.3	0.19	--	11	0.21 J	--
Benzo(a)pyrene	1	1	1	1.1	0.042 J	ND	1.9	0.13 J	1.3	1.1	0.14 J	--	10	0.18 J	--
Benzo(b)fluoranthene	1	1	5.6	11	0.069 J	ND	2.1	0.19	1.7	1.6	0.2	--	14	0.26 J	--
Benzo(k)fluoranthene	0.8	3.9	56	110	ND	ND	1.2	0.054 J	0.57	0.56	0.07 J	--	3.9	ND	--
Chrysene	1	3.9	56	110	0.073 J	ND	2.2	0.16	1.4	1.4	0.23	--	12	0.23 J	--
Acenaphthylene	100	100	500	1000	ND	ND	0.21 J	ND	0.24	0.31	0.038 J	--	2.3	ND	--
Anthracene	100	100	500	1000	ND	ND	1.2	ND	0.59	0.38	0.076 J	--	5	ND	--
Benzo(ghi)perylene	100	100	500	1000	0.032 J	ND	1	0.088 J	0.95	0.65	0.099 J	--	7.1	0.13 J	--
Fluorene	30	100	500	1000	ND	ND	0.69 J	ND	0.17 J	0.14 J	0.038 J	--	2.4	ND	--
Phenanthrene	100	100	500	1000	0.083 J	0.039 J	4.7	0.17	2.1	1.8	0.34	--	28	0.32 J	--
Dibenzo(a,h)anthracene	0.33	0.33	0.56	1.1	ND	ND	0.29 J	ND	0.22	0.19	0.031 J	--	1.4	ND	--
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	11	0.028 J	ND	0.97 J	0.092 J	1	0.76	0.083 J	--	8.3	0.15 J	--
Pyrene	100	100	500	1000	0.1 J	0.039 J	4	0.21	2.5	2.2	0.26	--	28	0.37 J	--
Biphenyl	--	--	--	--	ND	ND	ND	ND	ND	0.13 J	ND	--	--	--	--
2-Methylnaphthalene	--	--	--	--	ND	ND	0.2 J	0.044 J	0.18 J	1.1	ND	--	--	--	--
Dibenzofuran	7	59	350	1000	ND	ND	0.43 J	ND	0.13 J	0.33	0.033 J	--	--	--	--
Acetophenone	--	--	--	--	ND	ND	ND	ND	ND	0.17 J	0.08 J	--	--	--	--
Carbazole	--	--	--	--	ND	ND	0.56 J	ND	0.2 J	0.19 J	0.032 J	--	--	--	--
Polychlorinated Biphenyls (PCBs) - mg/Kg															
Total PCBs	0.1	1	1	25	ND	ND	ND	--	--	--	--	--	--	--	--
Metals - mg/Kg															
Aluminum	--	--	--	--	10000	13000	15300	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	0.79 J	0.71 J	ND	--	--	--	--	--	--	--	--
Arsenic	13	16	16	16	16	9.1	8.3	7.47	28.6	20.7	52.6	63.8	33.1	29.8	39.3
Barium	350	400	400	10000	479	312	170	349	241	168	31.4	310	1980	293	408
Beryllium	7.2	72	590	2700	1.3	1.3	0.75	--	--	--	--	--	--	--	--
Cadmium	2.5	4.3	9.3	60	0.27	ND	ND	0.587	0.452 J	0.703	0.436 J	0.587 J	3.32	1.33	0.349 J
Calcium	--	--	--	--	5540 B	3200 B	25200 B	--	--	--	--	--	--	--	--
Chromium	30	180	1500	6800	20.7	69.8	23.4	7.15	6.65	7.94	2.54	7.88	32.5	11.6	6.72
Cobalt	--	--	--	--	9.2	10.7	6.5	--	--	--	--	--	--	--	--
Copper	50	270	270	10000	33.6	22.3	2	--	--	--	--	--	--	--	--
Iron	--	--	--	--	17700	27000	33000	--	--	--	--	--	--	--	--
Lead	63	400	1000	3900	104	142	9.2	93.6	63.8	127	5.3	708	33500	352	25.8
Magnesium	--	--	--	--	2830	3620	15800	--	--	--	--	--	--	--	--
Manganese	1600	2000	10000	10000	184	195	427	--	--	--	--	--	--	--	--
Mercury	0.18	0.81	2.8	5.7	0.096	0.051	0.021 J	1.64	0.887	0.553	0.096	0.077 J	11	0.32	0.28
Nickel	30	310	310	10000	25.5	31.2	26.4	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	2740	4300	7580	--	--	--	--	--	--	--	--
Selenium	3.9	180	1500	6800	ND	0.97 J	ND	0.405 J	1.03 J	1.32	1.12	0.399 J	0.654 J	1.09	0.62 J
Silver	2	180	1500	6800	ND	ND	ND	ND	ND	ND	ND	ND	0.373 J	0.37 J	ND
Sodium	--	--	--	--	204	136 J	157 J	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	26.4	25.9	26.3	--	--	--	--	--	--	--	--
Zinc	109	10000	10000	10000	79.8	109	31.7	--	--	--	--	--	--	--	--

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.

2. Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).

3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value available for the parameter. Or parameter not analyzed for.

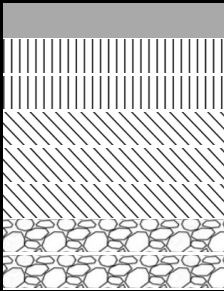
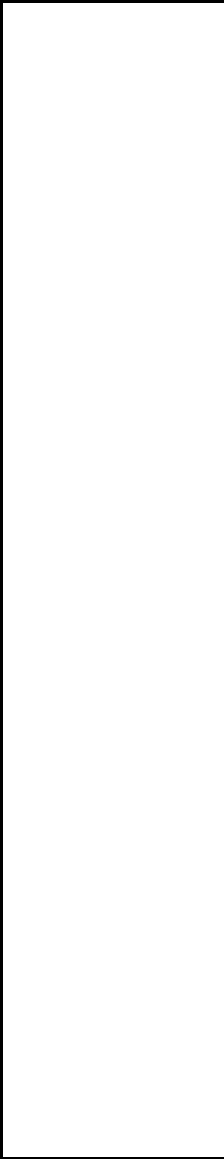
B = Analyte was detected in associated method blank.

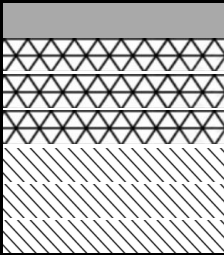
Bold	: Results Exceed Unrestricted Use Soil Cleanup Objectives
Bold	: Results Exceed Restricted Residential Use Soil Cleanup Objectives
Bold	: Results Exceed Commercial Use Soil Cleanup Objectives
Bold	: Results Exceed Industrial Use Soil Cleanup Objectives

Appendices

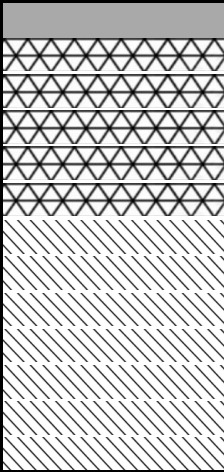
Appendix A

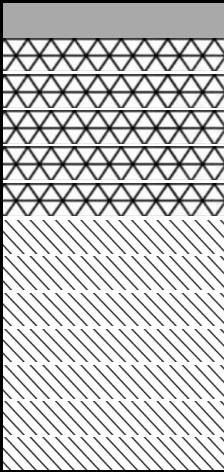
Test Pit Logs

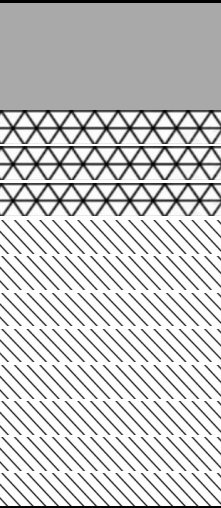
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		<div>TEST PIT LOG</div>				<div>Test Pit: TP-101</div> <div>Northing: 1122671.80894</div> <div>Easting: 1043142.18097</div>				
Project Number:		W96.013.001		Start Date:		7/29/2025				
Project Name:		Old Erie Commons		Finish Date:		7/29/2025				
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies				
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000				
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample
1			0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	▼
			0.5-1.5	Brown gravelly SILT with sand, Non-Plastic, Firm, Moist, Trace HFM (brick, concrete)	0.0	☐	☐	☐	☐	
2			1.5-2.5	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐	
3			2.5-3	Dark brown sandy lean CLAY with gravel, Medium Plasticity, Soft, Moist	0.0	☐	☐	☐	☐	
4			3-4	Grey silty GRAVEL with sand, Loose, Wet	0.0	☐	☐	☐	☐	▼
5			4	Test Pit Termination - Groundwater Infiltration		☐	☐	☐	☐	
6							☐	☐	☐	☐
7							☐	☐	☐	☐
8							☐	☐	☐	☐
9							☐	☐	☐	☐
10							☐	☐	☐	☐
11							☐	☐	☐	☐
12							☐	☐	☐	☐
13							☐	☐	☐	☐
14							☐	☐	☐	☐
15							☐	☐	☐	☐
16							☐	☐	☐	☐
17							☐	☐	☐	☐
18							☐	☐	☐	☐
19							☐	☐	☐	☐
20								☐	☐	☐

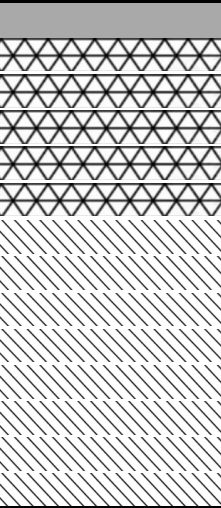
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		TEST PIT LOG				Test Pit: TP-102					
				Northing: 1122697.00351							
				Easting: 1043311.20658							
Project Number:		W96.013.001		Start Date: 7/28/2025							
Project Name:		Old Erie Commons		Finish Date: 7/28/2025							
Client:		Housing Visions		Excavating Firm: Matrix Environmental Technologies							
Address:		160 Center Street, Canastota		Excavator: Kubota BT1000							
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample	
1			0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	▼	
			0.5-2	Brown HFM, Stone, brick, tar, wood, Moist	0.0	☐	☐	☐	☐		
2							☐	☐	☐		☐
3							☐	☐	☐		☐
			2-3	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐		
			3-3.5	Reddish brown gravelly lean CLAY, Medium Plasticity, Stiff, Wet	0.0	☐	☐	☐	☐	▼	
4			3.5	Test Pit Termination - Refusal		☐	☐	☐	☐		
5							☐	☐	☐		☐
6							☐	☐	☐		☐
7							☐	☐	☐		☐
8							☐	☐	☐		☐
9							☐	☐	☐		☐
10							☐	☐	☐		☐
11							☐	☐	☐		☐
12							☐	☐	☐		☐
13							☐	☐	☐		☐
14							☐	☐	☐		☐
15							☐	☐	☐		☐
16							☐	☐	☐		☐
17							☐	☐	☐		☐
18							☐	☐	☐		☐
19							☐	☐	☐		☐
20							☐	☐	☐		☐

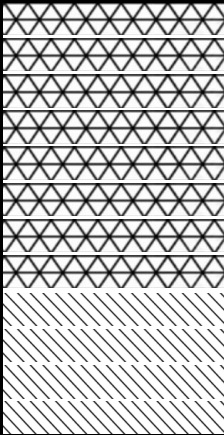
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		TEST PIT LOG				Test Pit: TP-103				
						Northing: 1122728.02314				
						Easting: 1043348.79859				
Project Number:		W96.013.001		Start Date:		7/28/2025				
Project Name:		Old Erie Commons		Finish Date:		7/28/2025				
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies				
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000				
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample
1			0-1	Brown Topsoil, Moist	0.1	☐	☐	☐	☐	
2			1-4.5	Black HFM, Brick, tar, cinder, Moist	0.1	☐	☐	☐	☐	
3						☐	☐	☐	☐	
4						☐	☐	☐	☐	↓
5			4.5-8	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐	
6						☐	☐	☐	☐	
7						☐	☐	☐	☐	↓
8		▼				☐	☐	☐	☐	
9			8-9	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐	
10			9	Test Pit Termination - Refusal		☐	☐	☐	☐	
11						☐	☐	☐	☐	
12						☐	☐	☐	☐	
13						☐	☐	☐	☐	
14						☐	☐	☐	☐	
15						☐	☐	☐	☐	
16						☐	☐	☐	☐	
17						☐	☐	☐	☐	
18						☐	☐	☐	☐	
19						☐	☐	☐	☐	
20						☐	☐	☐	☐	

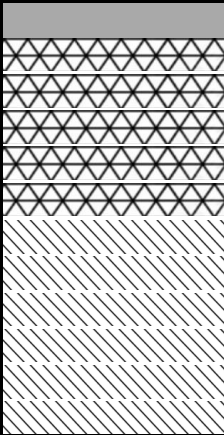
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		<div>TEST PIT LOG</div>				Test Pit: TP-104					
						Northing: 1122705.36953					
						Easting: 1043433.79607					
Project Number:		W96.013.001		Start Date:		7/28/2025					
Project Name:		Old Erie Commons		Finish Date:		7/28/2025					
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies					
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000					
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample	
1			0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	 ▼	
			0.5-3	Black HFM, Coal, cinder, stone, Moist	0.0	☐	☐	☐	☐		
2							☐	☐	☐		☐
3							☐	☐	☐		☐
4							☐	☐	☐		☐
5							☐	☐	☐		☐
6			6-6.5	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐	▼	
7			6.5	Test Pit Termination - Refusal		☐	☐	☐	☐		
8						☐	☐	☐	☐		
9						☐	☐	☐	☐		
10						☐	☐	☐	☐		
11						☐	☐	☐	☐		
12						☐	☐	☐	☐		
13						☐	☐	☐	☐		
14						☐	☐	☐	☐		
15						☐	☐	☐	☐		
16						☐	☐	☐	☐		
17						☐	☐	☐	☐		
18						☐	☐	☐	☐		
19						☐	☐	☐	☐		
20						☐	☐	☐	☐		

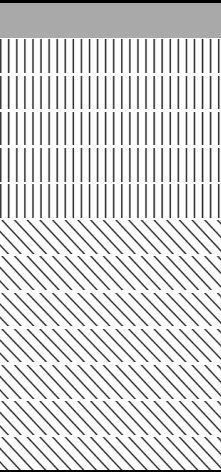
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		<div>TEST PIT LOG</div>				Test Pit: TP-105					
						Northing: 1122796.79393					
						Easting: 1043292.04263					
Project Number:		W96.013.001		Start Date:		7/29/2025					
Project Name:		Old Erie Commons		Finish Date:		7/29/2025					
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies					
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000					
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample	
1		▼	0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	 ▼	
			0.5-3	Black HFM, Coal, cinder, stone, brick, Moist	0.0	☐	☐	☐	☐		
2							☐	☐	☐		☐
3							☐	☐	☐		☐
4				3-6	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐		☐
5							☐	☐	☐		☐
6			6-6.5	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐	▼	
7			6.5	Test Pit Termination - Refusal		☐	☐	☐	☐		
8						☐	☐	☐	☐		
9						☐	☐	☐	☐		
10						☐	☐	☐	☐		
11						☐	☐	☐	☐		
12						☐	☐	☐	☐		
13						☐	☐	☐	☐		
14						☐	☐	☐	☐		
15						☐	☐	☐	☐		
16						☐	☐	☐	☐		
17						☐	☐	☐	☐		
18						☐	☐	☐	☐		
19						☐	☐	☐	☐		
20						☐	☐	☐	☐		

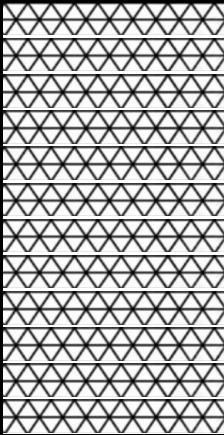
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		TEST PIT LOG				Test Pit: TP-106				
				Northing: 1122781.98817						
				Easting: 1043355.11779						
Project Number:		W96.013.001		Start Date: 7/28/2025						
Project Name:		Old Erie Commons		Finish Date: 7/28/2025						
Client:		Housing Visions		Excavating Firm: Matrix Environmental Technologies						
Address:		160 Center Street, Canastota		Excavator: Kubota BT1000						
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample
1		▼	0-1.5	Brown Topsoil, Moist	0.1	☐	☐	☐	☐	 ▼
2			1.5-3	Black HFM, Wood, cinder, coal, slag, Moist	0.1	☐	☐	☐	☐	
3						☐	☐	☐	☐	
4			3-5.5	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐	
5						☐	☐	☐	☐	
6						☐	☐	☐	☐	
7					5.5-7	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	
8			7	Test Pit Termination - Refusal		☐	☐	☐	☐	
9			☐	☐	☐	☐				
10			☐	☐	☐	☐				
11			☐	☐	☐	☐				
12			☐	☐	☐	☐				
13			☐	☐	☐	☐				
14			☐	☐	☐	☐				
15			☐	☐	☐	☐				
16			☐	☐	☐	☐				
17			☐	☐	☐	☐				
18			☐	☐	☐	☐				
19			☐	☐	☐	☐				
20			☐	☐	☐	☐				

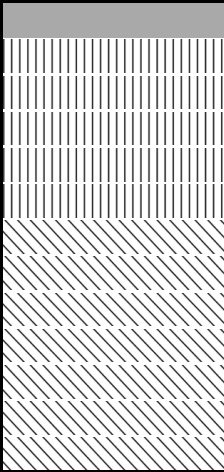
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		<div>TEST PIT LOG</div>				Test Pit: TP-107					
						Northing: 1122807.60178					
						Easting: 1043122.02263					
Project Number:		W96.013.001		Start Date:		7/29/2025					
Project Name:		Old Erie Commons		Finish Date:		7/29/2025					
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies					
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000					
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample	
1		▼	0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	 ▼	
			0.5-3	Black HFM, Wood, cinder, coal, slag, Moist	0.1	☐	☐	☐	☐		
2						☐	☐	☐	☐		
3						☐	☐	☐	☐		
4				3-5.5	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐		☐
5							☐	☐	☐		☐
6							☐	☐	☐		☐
7			5.5-7	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐		
8			7	Test Pit Termination - Refusal		☐	☐	☐	☐		
9					☐	☐	☐	☐			
10					☐	☐	☐	☐			
11					☐	☐	☐	☐			
12					☐	☐	☐	☐			
13					☐	☐	☐	☐			
14					☐	☐	☐	☐			
15					☐	☐	☐	☐			
16					☐	☐	☐	☐			
17					☐	☐	☐	☐			
18					☐	☐	☐	☐			
19					☐	☐	☐	☐			
20					☐	☐	☐	☐			

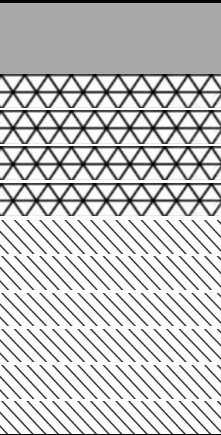
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		TEST PIT LOG				Test Pit: TP-108				
						Northing: 1122813.66863				
						Easting: 1043244.92606				
Project Number:		W96.013.001		Start Date:		7/29/2025				
Project Name:		Old Erie Commons		Finish Date:		7/29/2025				
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies				
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000				
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample
1			0-4	Black HFM, Coal, brick, concrete, asphalt, Moist	0.1	☐	☐	☐	☐	▼
2			Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐		
3										
4										
5										
6										
5	4-5.5	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐			
6	5.5-6	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐	▼		
7			6	Test Pit Termination - Refusal		☐	☐	☐	☐	
8						☐	☐	☐	☐	
9						☐	☐	☐	☐	
10						☐	☐	☐	☐	
11						☐	☐	☐	☐	
12						☐	☐	☐	☐	
13						☐	☐	☐	☐	
14						☐	☐	☐	☐	
15						☐	☐	☐	☐	
16						☐	☐	☐	☐	
17						☐	☐	☐	☐	
18						☐	☐	☐	☐	
19						☐	☐	☐	☐	
20						☐	☐	☐	☐	

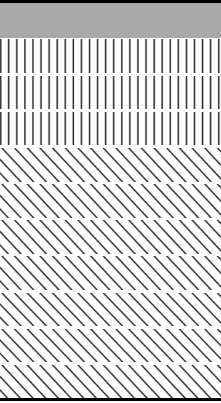
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		TEST PIT LOG				Test Pit: TP-109						
				Northing: 1122832.04979								
				Easting: 1043337.23515								
Project Number:		W96.013.001		Start Date: 7/28/2025								
Project Name:		Old Erie Commons		Finish Date: 7/28/2025								
Client:		Housing Visions		Excavating Firm: Matrix Environmental Technologies								
Address:		160 Center Street, Canastota		Excavator: Kubota BT1000								
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample		
1			0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	 ▼		
			0.5-3	Black HFM, Brick, concrete, coal, cinder, wood, Moist	0.0	☐	☐	☐	☐			
2							☐	☐	☐		☐	
3							☐	☐	☐		☐	
4					3-5.5	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐		☐	☐
5								☐	☐		☐	☐
6			5.5-6	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐	↓		
7			6	Test Pit Termination - Refusal		☐	☐	☐	☐			
8						☐	☐	☐	☐			
9						☐	☐	☐	☐			
10						☐	☐	☐	☐			
11						☐	☐	☐	☐			
12						☐	☐	☐	☐			
13						☐	☐	☐	☐			
14						☐	☐	☐	☐			
15						☐	☐	☐	☐			
16						☐	☐	☐	☐			
17						☐	☐	☐	☐			
18						☐	☐	☐	☐			
19						☐	☐	☐	☐			
20						☐	☐	☐	☐			

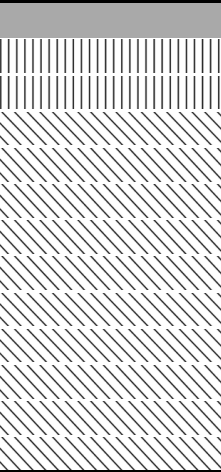
 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		<div>TEST PIT LOG</div>				Test Pit: TP-110				
						Northing: 1122881.66791				
						Easting: 1043230.25863				
Project Number:		W96.013.001		Start Date:		7/29/2025				
Project Name:		Old Erie Commons		Finish Date:		7/29/2025				
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies				
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000				
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample
1			0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	
2			0.5-3	Brown gravelly SILT with sand, Non-Plastic, Firm, Moist, Trace HFM (brick, concrete, cinder)	0.0	☐	☐	☐	☐	
3			3-6	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.1	☐	☐	☐	☐	
4						☐	☐	☐	☐	
5						☐	☐	☐	☐	
6			6-6.5	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.1	☐	☐	☐	☐	
7			6.5	Test Pit Termination - Refusal		☐	☐	☐	☐	
8			☐	☐	☐	☐				
9			☐	☐	☐	☐				
10			☐	☐	☐	☐				
11			☐	☐	☐	☐				
12			☐	☐	☐	☐				
13			☐	☐	☐	☐				
14			☐	☐	☐	☐				
15			☐	☐	☐	☐				
16			☐	☐	☐	☐				
17			☐	☐	☐	☐				
18			☐	☐	☐	☐				
19			☐	☐	☐	☐				
20	☐	☐	☐	☐						

 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		TEST PIT LOG				Test Pit: TP-111				
				Northing: 1122937.24749						
				Easting: 1043150.71087						
Project Number:		W96.013.001		Start Date: 7/29/2025						
Project Name:		Old Erie Commons		Finish Date: 7/29/2025						
Client:		Housing Visions		Excavating Firm: Matrix Environmental Technologies						
Address:		160 Center Street, Canastota		Excavator: Kubota BT1000						
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	▼
1		▼	0-3	Reddish brown HFM, Building materials (wood, metal, concrete, rail ties), Moist	0.0	☐	☐	☐	☐	 ▼
2										
3										
4										
5										
6										
7			6	Test Pit Termination - Groundwater Infiltration		☐	☐	☐	☐	
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20								☐	☐	

 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		<div>TEST PIT LOG</div>				Test Pit: TP-112					
						Northing: 1122933.74166					
						Easting: 1043248.97218					
Project Number:		W96.013.001		Start Date:		7/29/2025					
Project Name:		Old Erie Commons		Finish Date:		7/29/2025					
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies					
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000					
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample	
1			0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐		
2			0.5-3	Brown gravelly SILT with sand, Non-Plastic, Firm, Moist, Trace HFM (brick, glass, concrete, styrofoam, tile, building materials)	0.0	☐	☐	☐	☐		
3							☐	☐	☐		☐
4			3-6	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐		
5							☐	☐	☐		☐
6			6-6.5	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐		
7			6.5	Test Pit Termination - Refusal		☐	☐	☐	☐		
8						☐	☐	☐	☐		
9						☐	☐	☐	☐		
10						☐	☐	☐	☐		
11						☐	☐	☐	☐		
12						☐	☐	☐	☐		
13						☐	☐	☐	☐		
14						☐	☐	☐	☐		
15						☐	☐	☐	☐		
16						☐	☐	☐	☐		
17						☐	☐	☐	☐		
18						☐	☐	☐	☐		
19						☐	☐	☐	☐		
20						☐	☐	☐	☐		

 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		TEST PIT LOG				Test Pit: TP-113				
				Northing: 1122920.34387						
				Easting: 1043322.3097						
Project Number:		W96.013.001		Start Date: 7/28/2025						
Project Name:		Old Erie Commons		Finish Date: 7/28/2025						
Client:		Housing Visions		Excavating Firm: Matrix Environmental Technologies						
Address:		160 Center Street, Canastota		Excavator: Kubota BT1000						
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample
1			0-1	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	 ▼
2			1-3	Black HFM, Coal, cinder, brick, Moist	0.0	☐	☐	☐	☐	
3			3-5.5	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐	
4										
5										
6			5.5-6	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐	▼
7			6	Test Pit Termination - Refusal		☐	☐	☐	☐	
8			☐	☐	☐	☐				
9			☐	☐	☐	☐				
10			☐	☐	☐	☐				
11			☐	☐	☐	☐				
12			☐	☐	☐	☐				
13			☐	☐	☐	☐				
14			☐	☐	☐	☐				
15			☐	☐	☐	☐				
16			☐	☐	☐	☐				
17			☐	☐	☐	☐				
18			☐	☐	☐	☐				
19			☐	☐	☐	☐				
20			☐	☐	☐	☐				

 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		<div>TEST PIT LOG</div>				<div>Test Pit: TP-114</div> <div>Northing: 1122988.24738</div> <div>Easting: 1043194.41621</div>					
Project Number:		W96.013.001		Start Date:		7/29/2025					
Project Name:		Old Erie Commons		Finish Date:		7/29/2025					
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies					
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000					
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample	
1			0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	 ▼ ▼	
2			0.5-2	Brown gravelly SILT with sand, Non-Plastic, Firm, Moist, Trace HFM (glass, brick, coal)	0.0	☐	☐	☐	☐		
			2-5	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐		
						☐	☐	☐	☐		
5			5-5.5	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐		
6			5.5	Test Pit Termination - Refusal		☐	☐	☐	☐		
7			☐	☐	☐	☐					
8			☐	☐	☐	☐					
9			☐	☐	☐	☐					
10			☐	☐	☐	☐					
11			☐	☐	☐	☐					
12			☐	☐	☐	☐					
13			☐	☐	☐	☐					
14			☐	☐	☐	☐					
15			☐	☐	☐	☐					
16			☐	☐	☐	☐					
17			☐	☐	☐	☐					
18			☐	☐	☐	☐					
19			☐	☐	☐	☐					
20			☐	☐	☐	☐					

 <div>C&S Engineers, Inc. 499 Col. Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div>		<div>TEST PIT LOG</div>				Test Pit: TP-115					
						Northing: 1122989.14958					
						Easting: 1043312.88957					
Project Number:		W96.013.001		Start Date:		7/29/2025					
Project Name:		Old Erie Commons		Finish Date:		7/29/2025					
Client:		Housing Visions		Excavating Firm:		Matrix Environmental Technologies					
Address:		160 Center Street, Canastota		Excavator:		Kubota BT1000					
Depth (ft)	Test Pit	Groundwater	Depth (ft)	USCS MATERIAL DESCRIPTION	PID (ppm)	Staining	Odor	Petroleum Impacts	Chemical Impacts	Sample	
1			0-0.5	Brown Topsoil, Moist	0.0	☐	☐	☐	☐	▼	
			0.5-1.5	Brown gravelly SILT with sand, Non-Plastic, Firm, Moist, Trace HFM (brick, glass)	0.0	☐	☐	☐	☐		
2			1.5-5.5	Reddish brown lean CLAY, Medium Plasticity, Stiff, Moist	0.0	☐	☐	☐	☐		
3							☐	☐	☐	☐	▼
4							☐	☐	☐	☐	
5							☐	☐	☐	☐	
6		▼	5.5-6.5	Reddish brown / grey gravelly lean CLAY, Medium Plasticity, Hard, Wet, (Glacial Till)	0.0	☐	☐	☐	☐		
						☐	☐	☐	☐		
7			6.5	Test Pit Termination - Refusal		☐	☐	☐	☐		
8						☐	☐	☐	☐		
9						☐	☐	☐	☐		
10						☐	☐	☐	☐		
11						☐	☐	☐	☐		
12						☐	☐	☐	☐		
13						☐	☐	☐	☐		
14						☐	☐	☐	☐		
15						☐	☐	☐	☐		
16						☐	☐	☐	☐		
17						☐	☐	☐	☐		
18						☐	☐	☐	☐		
19						☐	☐	☐	☐		
20						☐	☐	☐	☐		

Appendix B

Groundwater Monitoring Well Construction and Sampling Logs

[illegible]

[illegible]

[illegible]

[illegible]

Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
 4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Housing Visions

Site Name: Old Erie Commons

Project No.: W96.013.001

Field Staff: NC / CD

WELL DATA

Date	7/31/2025	
Time	8:40	
Water meter ID		
Well Number	MW-101	
PID Reading (ppm)	0.0	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	12.28	
Static Water Level (feet)	3.07	
H ₂ O Column (feet)	9.21	
Pump Intake (feet)	12.00	
Well Volume (gal)	1.50	
Amount to Evacuate (gal)	4.50	
Amount Evacuated (gal)	4.80	

SAMPLE DATA

Sample Date	7/31/2025	
Sample Time	10:20	
Sampler Initials	CD	
Sample I.D.	MW-101	
Dupe Collected?	☐	ID:
MS Collected?	☒	ID: MS-03
MSD Collected?	☒	ID: MSD-03
Trip Blank Collected?	☒	ID: TRIP BLANK
EQ Blank Collected?	☒	ID: EQUIPMENT BLANK
Comments		

FIELD READINGS

Date	Stabilization	7/31/2025							
Time	Criteria	9:00	9:05	9:10	9:15	9:20	9:25	9:30	9:35
Volume Extracted	gallons	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
Flow Rate	mL/min	250	250	250	250	250	250	250	250
Static Water Level (feet)	NA	3.24	3.24	3.24	3.26	3.26	3.26	3.27	3.27
pH (Std. Units)	+/-0.1	8.3	8.15	8.13	8.12	8.1	8.08	8.07	8.06
Conductivity (mS/cm)	3%	0.746	0.798	0.805	0.806	0.807	0.809	0.808	0.81
Turbidity (NTU)	10%	1000	874	536	272	233	147	112	87.5
D.O. (mg/L)	10%	0.82	0.42	2.13	2.06	1.79	1.2	1.11	1.07
Temperature (°C) (°F)	3%	19.71	16.58	16.08	15.91	15.7	15.56	15.43	15.34
ORP ³ (mV)	+/-10 mv	40	-110	-130	-137	-142	-144	-146	-148
Appearance		VT	VT	VT	T	T	ST	ST	ST
Color		Reddish	Reddish	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		None	None	None	None	None	None	None	None

Date	Stabilization	7/31/2025							
Time	Criteria	9:40	9:45	9:50	9:55	10:00	10:05	10:10	10:15
Volume Extracted	gallons	2.7	3	3.3	3.6	3.9	4.2	4.5	4.8
Flow Rate	mL/min	250	250	250	250	250	250	250	250
Static Water Level (feet)	NA	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27
pH (Std. Units)	+/-0.1	8.06	8.06	8.07	8.07	8.07	8.07	8.07	8.07
Conductivity (mS/cm)	3%	0.811	0.812	0.813	0.813	0.807	0.814	0.815	0.815
Turbidity (NTU)	10%	76.4	67.6	63.1	57.3	55.9	53.9	51.8	50
D.O. (mg/L)	10%	0.96	0.91	0.85	0.79	0.72	0.68	0.65	0.62
Temperature (°C) (°F)	3%	15.22	15.18	15.09	15.04	14.95	14.92	14.84	14.8
ORP ³ (mV)	+/-10 mv	-149	-149	-150	-150	-150	-151	-150	-151
Appearance		ST	ST	ST	ST	ST	ST	ST	C
Color		Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		None	None	None	None	None	None	None	None

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

All parameters stable, collecting sample.

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings



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Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Housing Visions

Site Name: Old Erie Commons

Project No.: W96.013.001

Field Staff: NC / CD

WELL DATA

Date	7/31/2025	
Time	11:10	
Water meter ID		
Well Number	MW-102	
PID Reading (ppm)	0.0	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	11.65	
Static Water Level (feet)	3.07	
H ₂ O Column (feet)	8.58	
Pump Intake (feet)	11.00	
Well Volume (gal)	1.40	
Amount to Evacuate (gal)	4.20	
Amount Evacuated (gal)	7.00	

SAMPLE DATA

Sample Date	7/31/2025	
Sample Time	13:05	
Sampler Initials	CD	
Sample I.D.	MW-102	
Dupe Collected?	☐	ID:
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☒	ID: TRIP BLANK
EQ Blank Collected?	☒	ID: EQUIPMENT BLANK
Comments		

FIELD READINGS

Date	Stabilization	7/31/2025							
Time	Criteria	11:50	11:55	12:00	12:05	12:10	12:15	12:20	12:25
Volume Extracted	gallons	2	2.5	3	3.5	4	4.3	4.6	4.9
Flow Rate	mL/min	400	400	400	400	400	250	250	250
Static Water Level (feet)	NA	4.37	4.26	4.21	4.2	4.2	4.08	4	3.96
pH (Std. Units)	+/-0.1	8.07	7.9	7.85	7.81	7.79	7.78	7.77	7.77
Conductivity (mS/cm)	3%	1.04	1.06	1.06	1.06	1.06	1.06	1.06	1.06
Turbidity (NTU)	10%	1000	438	244	174	116	84.2	77.1	72.5
D.O. (mg/L)	10%	4.33	2.97	2.51	2.19	1.83	1.87	1.71	1.45
Temperature (°C) (°F)	3%	17.02	16.22	15.97	15.86	15.72	15.88	15.89	15.83
ORP ³ (mV)	+/-10 mv	-57	-77	-82	-86	-90	-91	-92	-92
Appearance		VT	T	T	ST	ST	ST	ST	ST
Color		Reddish	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		None	None	None	None	None	None	None	None

Date	Stabilization	7/31/2025							
Time	Criteria	12:30	12:35	12:40	12:45	12:50	12:55	13:00	
Volume Extracted	gallons	5.2	5.5	5.8	6.1	6.4	6.7	7	
Flow Rate	mL/min	250	250	250	250	250	250	250	
Static Water Level (feet)	NA	3.97	3.97	3.97	3.97	3.95	3.94	3.93	
pH (Std. Units)	+/-0.1	7.76	7.76	7.76	7.75	7.75	7.75	7.75	
Conductivity (mS/cm)	3%	1.06	1.06	1.06	1.06	1.06	1.06	1.06	
Turbidity (NTU)	10%	74.3	70.6	70.5	69.5	72.6	74.5	69.3	
D.O. (mg/L)	10%	1.47	1.5	1.51	1.47	1.42	1.4	1.38	
Temperature (°C) (°F)	3%	15.78	15.75	15.73	15.69	15.68	15.68	15.71	
ORP ³ (mV)	+/-10 mv	-93	-93	-93	-93	-93	-93	-93	
Appearance		ST	ST	ST	ST	ST	ST	ST	
Color		Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	
Free Product (Yes/No)		No	No	No	No	No	No	No	
Odor		None	None	None	None	None	None	None	

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

Very muddy on initial purge. Waited to connect Horiba.
All parameters stable, collecting sample.

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings

Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
 4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Housing Visions

Site Name: Old Erie Commons

Project No.: W96.013.001

Field Staff: NC / MC

WELL DATA

Date	7/30/2025	
Time	11:30	
Water meter ID		
Well Number	MW-103	
PID Reading (ppm)	0.6	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	12.76	
Static Water Level (feet)	4.40	
H ₂ O Column (feet)	8.36	
Pump Intake (feet)	12.00	
Well Volume (gal)	1.36	
Amount to Evacuate (gal)	4.09	
Amount Evacuated (gal)	4.75	

SAMPLE DATA

Sample Date	7/30/2025	
Sample Time	14:40	
Sampler Initials	MCC	
Sample I.D.	MW-103	
Dupe Collected?	☐	ID:
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☒	ID: TRIP BLANK
EQ Blank Collected?	☒	ID: EQUIPMENT BLANK
Comments		

FIELD READINGS

Date	Stabilization	7/30/2025							
Time	Criteria	12:30	12:35	12:40	12:45	12:50	12:55	13:00	13:05
Volume Extracted	gallons	0.25	0.5	0.75	1	1.25	1.5	1.75	2
Flow Rate	mL/min	200	200	200	200	200	200	200	200
Static Water Level (feet)	NA	5.52	5.94	6.02	6.18	6.35	6.39	6.51	6.6
pH (Std. Units)	+/-0.1	7.84	7.83	7.81	7.79	7.78	7.77	7.78	7.78
Conductivity (mS/cm)	3%	1.2	1.24	1.22	1.21	1.22	1.22	1.22	1.22
Turbidity (NTU)	10%	193	94.9	134	104	105	92.6	77.3	66.4
D.O. (mg/L)	10%	4.43	3.95	3.7	3.52	3.44	3.41	3.29	3.21
Temperature (°C) (°F)	3%	17.32	16.73	18.61	18.25	17.81	18.22	18.31	18.19
ORP ³ (mV)	+/-10 mv	56	13	4	-12	-30	-38	-46	-51
Appearance		ST	ST	ST	ST	ST	ST	ST	ST
Color		Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		None	None	None	None	None	None	None	None

Date	Stabilization								
Time	Criteria	13:10	13:15	13:20	13:25	13:30	13:35	13:40	13:45
Volume Extracted	gallons	2.2	2.4	2.6	2.8	3	3.25	3.5	4
Flow Rate	mL/min	200	200	200	200	200	200	200	200
Static Water Level (feet)	NA	6.63	6.74	6.78	6.85	6.95	7.01	7.12	7.21
pH (Std. Units)	+/-0.1	7.78	7.77	7.77	7.77	7.78	7.78	7.78	7.78
Conductivity (mS/cm)	3%	1.22	1.22	1.22	1.22	1.22	1.22	1.21	1.22
Turbidity (NTU)	10%	52.4	43.2	39.4	33.3	33.1	28.7	25.6	25.7
D.O. (mg/L)	10%	3.21	3.09	3.09	3.1	2.97	2.78	2.65	2.78
Temperature (°C) (°F)	3%	17.95	17.86	17.86	17.78	17.7	17.59	17.43	17.31
ORP ³ (mV)	+/-10 mv	-55	-59	-62	-65	-67	-71	-72	-72
Appearance		ST	C	C	C	C	C	C	C
Color		Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		None	None	None	None	Sulfur	Sulfur	Sulfur	Sulfur

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

Slight sulfur odor observed.
 All parameters stable, collecting sample.

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings



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Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Housing Visions

Site Name: Old Erie Commons

Project No.: W96.013.001

Field Staff: NC / MC

WELL DATA

Date	7/30/2025	
Time	11:30	
Water meter ID		
Well Number	MW-103	
PID Reading (ppm)	0.6	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	12.76	
Static Water Level (feet)	4.40	
H ₂ O Column (feet)	8.36	
Pump Intake (feet)	12.00	
Well Volume (gal)	1.36	
Amount to Evacuate (gal)	4.09	
Amount Evacuated (gal)	4.75	

SAMPLE DATA

Sample Date	7/30/2025	
Sample Time	14:40	
Sampler Initials	MCC	
Sample I.D.	MW-103	
Dupe Collected?	☐	ID:
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☒	ID: TRIP BLANK
EQ Blank Collected?	☒	ID: EQUIPMENT BLANK
Comments:		

FIELD READINGS

Date	Stabilization	7/30/2025							
Time	Criteria	12:00	13:55	14:00					
Volume Extracted	gallons	4.25	4.5	4.75					
Flow Rate	mL/min	200	200	200					
Static Water Level (feet)	NA	7.26	7.39	7.44					
pH (Std. Units)	+/-0.1	7.77	7.76	7.76					
Conductivity (mS/cm)	3%	1.21	1.21	1.21					
Turbidity (NTU)	10%	21.9	20.1	19.9					
D.O. (mg/L)	10%	2.76	2.75	2.86					
Temperature (°C) (°F)	3%	17.11	17.23	17.47					
ORP ³ (mV)	+/-10 mv	-74	-75	-75					
Appearance		C	C	C					
Color		Colorless	Colorless	Colorless					
Free Product (Yes/No)		No	No	No					
Odor		Sulfur	Sulfur	Sulfur					

Date	Stabilization								
Time	Criteria								
Volume Extracted	gallons								
Flow Rate	mL/min								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP ³ (mV)	+/-10 mv								
Appearance									
Color									
Free Product (Yes/No)									
Odor									

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

Slight sulfur odor observed.
All parameters stable, collecting sample.

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings



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Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Housing Visions

Site Name: Old Erie Commons

Project No.: W96.013.001

Field Staff: NC / MC

WELL DATA

Date	7/30/2025	
Time	8:30	
Water meter ID		
Well Number	MW-104	
PID Reading (ppm)	0.1	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	16.27	
Static Water Level (feet)	4.90	
H ₂ O Column (feet)	11.37	
Pump Intake (feet)	15.00	
Well Volume (gal)	1.86	
Amount to Evacuate (gal)	5.57	
Amount Evacuated (gal)	6.50	

SAMPLE DATA

Sample Date	7/30/2025	
Sample Time	10:21	
Sampler Initials	MCC	
Sample I.D.	MW-104	
Dupe Collected?	☒	ID: DUP-03
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☒	ID: TRIP BLANK
EQ Blank Collected?	☐	ID: EQUIPMENT BLANK
Comments		

FIELD READINGS

Date	Stabilization	7/30/2025							
Time	Criteria	9:10	9:15	9:20	9:25	9:35	9:40	9:45	9:50
Volume Extracted	gallons	0.5	1	1.5	2	2.5	3	3.5	4
Flow Rate	mL/min	400	400	400	400	400	400	400	400
Static Water Level (feet)	NA	5.22	5.35	5.39	5.45	5.48	5.68	5.83	5.87
pH (Std. Units)	+/-0.1	8.31	8.01	7.98	7.97	8.06	7.94	7.92	7.94
Conductivity (mS/cm)	3%	0.941	0.922	0.922	0.92	0.913	0.918	0.914	0.915
Turbidity (NTU)	10%	412	66.6	34.4	34.7	204	26.4	24.3	24.2
D.O. (mg/L)	10%	4.37	2.51	1.91	1.97	2.77	1.58	1.73	1.83
Temperature (°C) (°F)	3%	16.24	15.89	16.02	15.77	15.33	15.12	15.05	15.1
ORP ³ (mV)	+/-10 mv	85	-1	-57	-72	-69	-94	-94	-97
Appearance		T	ST	C	C	T	C	C	C
Color		Brown	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		None	None	None	None	None	None	None	None

Date	Stabilization								
Time	Criteria	9:55	10:00	10:05	10:10	10:15			
Volume Extracted	gallons	4.5	5	5.5	6	6.5			
Flow Rate	mL/min	400	400	400	400	400			
Static Water Level (feet)	NA	5.98	5.96	5.9	5.89	5.89			
pH (Std. Units)	+/-0.1	7.91	7.9	7.9	7.88	7.88			
Conductivity (mS/cm)	3%	0.916	0.914	0.914	0.91	0.912			
Turbidity (NTU)	10%	18.3	16.1	13.4	13.9	12.6			
D.O. (mg/L)	10%	1.32	1.22	0.95	0.9	0.88			
Temperature (°C) (°F)	3%	15.01	15.03	15.07	15.1	14.95			
ORP ³ (mV)	+/-10 mv	-103	-105	-108	-112	-113			
Appearance		C	C	C	C	C			
Color		Colorless	Colorless	Colorless	Colorless	Colorless			
Free Product (Yes/No)		No	No	No	No	No			
Odor		None	None	None	None	None			

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

All parameters stable, collecting sample.

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings



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Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Housing Visions

Site Name: Old Erie Commons

Project No.: W96.013.001

Field Staff: CD

WELL DATA

Date	10/21/2025
Time	9:30
Water meter ID	
Well Number	MW-101
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	12.28
Static Water Level (feet)	3.37
H ₂ O Column (feet)	8.91
Pump Intake (feet)	12.00
Well Volume (gal)	1.45
Amount to Evacuate (gal)	NA
Amount Evacuated (gal)	3.00

SAMPLE DATA

Sample Date	10/21/2025	
Sample Time	10:35	
Sampler Initials	CD	
Sample I.D.	MW-101_102125	
Dupe Collected?	☒	ID: DUP_102125
MS Collected?	☒	ID: MS_102125
MSD Collected?	☒	ID: MSD_102125
Trip Blank Collected?	☒	ID: TRIP BLANK
EQ Blank Collected?	☒	ID: EQUIPMENT BLANK
Comments		
Turbidity over 50 NTU, so collected dissolved metals.		

FIELD READINGS

Date	Stabilization	10/21/2025							
Time	Criteria	9:50	9:55	10:00	10:05	10:10	10:15	10:20	10:25
Volume Extracted	gallons	0.33	0.66	1	1.33	1.66	2	2.33	2.66
Flow Rate	mL/min	250	250	250	250	250	250	250	250
Static Water Level (feet)	NA	3.45	3.56	3.59	3.61	3.61	3.62	3.63	3.64
pH (Std. Units)	+/-0.1	9.14	8.58	8.31	8.16	8.09	8.03	8.01	7.98
Conductivity (mS/cm)	3%	0.884	0.872	0.87	0.865	0.862	0.861	0.858	0.859
Turbidity (NTU)	10%	615	285	165	104	98.7	83.9	77.1	82.7
D.O. (mg/L)	10%	12.16	0.81	0.49	0.36	0.32	0.3	0.28	0.27
Temperature (°C) (°F)	3%	13.18	13.49	13.68	13.82	13.91	14	14.04	14.08
ORP ³ (mV)	+/-10 mv	-121	-130	-135	-138	-139	-141	-142	-142
Appearance		VT	T	ST	ST	ST	ST	ST	ST
Color		Red	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		None	None	None	None	None	None	None	None

Date	Stabilization	10/21/2025							
Time	Criteria	10:30							
Volume Extracted	gallons	3							
Flow Rate	mL/min	250							
Static Water Level (feet)	NA	3.65							
pH (Std. Units)	+/-0.1	7.97							
Conductivity (mS/cm)	3%	0.858							
Turbidity (NTU)	10%	79.6							
D.O. (mg/L)	10%	0.25							
Temperature (°C) (°F)	3%	14.13							
ORP ³ (mV)	+/-10 mv	-143							
Appearance		ST							
Color		Colorless							
Free Product (Yes/No)		No							
Odor		None							

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

DO below 0.5 mg/L, all other parameters stable, collecting sample.

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings



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Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Housing Visions

Site Name: Old Erie Commons

Project No.: W96.013.001

Field Staff: CD

WELL DATA

Date	10/21/2025	
Time	9:45	
Water meter ID		
Well Number	MW-103	
PID Reading (ppm)	0.0	
Diameter (inches)	2.0	
Total Sounded Depth (feet)	12.69	
Static Water Level (feet)	5.15	
H ₂ O Column (feet)	7.54	
Pump Intake (feet)	12.00	
Well Volume (gal)	1.23	
Amount to Evacuate (gal)	NA	
Amount Evacuated (gal)	2.00	

SAMPLE DATA

Sample Date	10/21/2025	
Sample Time	13:45	
Sampler Initials	CD	
Sample I.D.	MW-103_102125	
Dupe Collected?	☐	ID:
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☒	ID: TRIP BLANK
EQ Blank Collected?	☒	ID: EQUIPMENT BLANK
Comments Turbidity under 50 NTU, so did not collect dissolved metals.		

FIELD READINGS

Date	Stabilization	10/21/2025							
Time	Criteria	13:15	13:20	13:25	13:30	13:35	13:40		
Volume Extracted	gallons	0.33	0.66	1	1.33	1.66	2		
Flow Rate	mL/min	250	250	250	250	250	250		
Static Water Level (feet)	NA	6.07	6.2	6.49	6.77	7.15	7.42		
pH (Std. Units)	+/-0.1	7.94	7.94	7.95	7.99	7.98	7.92		
Conductivity (mS/cm)	3%	1.32	1.32	1.32	1.32	1.33	1.32		
Turbidity (NTU)	10%	52.3	48.6	41.2	41.4	39.5	40.1		
D.O. (mg/L)	10%	0.61	0.43	0.33	0.31	0.29	0.27		
Temperature (°C) (°F)	3%	15.07	15.04	14.98	14.9	14.87	14.83		
ORP ³ (mV)	+/-10 mv	-133	-140	-149	-152	-154	-155		
Appearance		ST	C	C	C	C	C		
Color		Colorless	Colorless	Colorless	Colorless	Colorless	Colorless		
Free Product (Yes/No)		No	No	No	No	No	No		
Odor		Organic	Organic	None	None	None	None		

Date	Stabilization								
Time	Criteria								
Volume Extracted	gallons								
Flow Rate	mL/min								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP ³ (mV)	+/-10 mv								
Appearance									
Color									
Free Product (Yes/No)									
Odor									

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

DO below 0.5 mg/L, all other parameters stable, collecting sample.

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings



C&S Engineers, Inc.
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Fax: 315-455-9667
www.cscos.com

Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1¼" = 0.08 2" = 0.17 3" = 0.38
4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Housing Visions

Site Name: Old Erie Commons

Project No.: W96.013.001

Field Staff: CD

WELL DATA

Date	10/21/2025
Time	9:50
Water meter ID	
Well Number	MW-104
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	14.45
Static Water Level (feet)	3.60
H ₂ O Column (feet)	10.85
Pump Intake (feet)	15.00
Well Volume (gal)	1.77
Amount to Evacuate (gal)	NA
Amount Evacuated (gal)	3.00

SAMPLE DATA

Sample Date	10/21/2025	
Sample Time	15:15	
Sampler Initials	CD	
Sample I.D.	MW-104_102125	
Dupe Collected?	☐	ID:
MS Collected?	☐	ID:
MSD Collected?	☐	ID:
Trip Blank Collected?	☒	ID: TRIP BLANK
EQ Blank Collected?	☒	ID: EQUIPMENT BLANK
Comments		
Turbidity under 50 NTU, so did not collect dissolved metals.		

FIELD READINGS

Date	Stabilization	10/21/2025							
Time	Criteria	14:30	14:35	14:40	14:45	14:50	14:55	15:00	15:05
Volume Extracted	gallons	0.33	0.66	1	1.33	1.66	2	2.33	2.66
Flow Rate	mL/min	250	250	250	250	250	250	250	250
Static Water Level (feet)	NA	3.95	4.01	4.04	4.07	4.11	4.14	4.16	4.18
pH (Std. Units)	+/-0.1	8.05	7.99	7.96	7.95	7.93	7.91	7.9	7.88
Conductivity (mS/cm)	3%	0.97	0.958	0.955	0.951	0.949	0.948	0.945	0.947
Turbidity (NTU)	10%	166	83.4	69.5	58.5	55.9	54.1	49.5	46.1
D.O. (mg/L)	10%	0.54	0.36	0.29	0.25	0.22	0.2	0.18	0.17
Temperature (°C) (°F)	3%	15.65	15.58	15.5	15.42	15.35	15.31	15.29	15.25
ORP ³ (mV)	+/-10 mv	-115	-115	-115	-116	-116	-115	-115	-116
Appearance		ST	ST	ST	ST	ST	ST	C	C
Color		Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless	Colorless
Free Product (Yes/No)		No	No	No	No	No	No	No	No
Odor		None	None	None	None	None	None	None	None

Date	Stabilization	10/21/2025							
Time	Criteria	15:10							
Volume Extracted	gallons	3							
Flow Rate	mL/min	250							
Static Water Level (feet)	NA	4.2							
pH (Std. Units)	+/-0.1	7.87							
Conductivity (mS/cm)	3%	0.944							
Turbidity (NTU)	10%	45.2							
D.O. (mg/L)	10%	0.15							
Temperature (°C) (°F)	3%	15.23							
ORP ³ (mV)	+/-10 mv	-114							
Appearance		C							
Color		Colorless							
Free Product (Yes/No)		No							
Odor		None							

C = Clear ST = Slightly Turbid T = Turbid VT = Very Turbid

Comments

DO below 0.5 mg/L, all other parameters stable, collecting sample.

Light yellow shading indicates the static water level is 0.3 feet or lower from initial level

Light green shading indicates that stabilization criteria have been achieved across three consecutive readings

Appendix C

Soil Vapor Implant Construction Logs

	C&S Engineers, Inc. 499 Col Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com	SOIL VAPOR IMPLANT CONSTRUCTION LOG	Soil Vapor Implant No.:	SV-101
			Project No.:	W96.013.001
			Surface Elev.:	
Project Name:	Old Erie Commons		Datum:	
Location:	160 Center Street, Canastota		Start Date/Time:	7/29/25
Client:	Housing Visions		Finish Date/Time:	7/29/25
Drilling Firm:	Matrix	Drill Rig:	GeoProbe 7822DT	Inspector: NC / CD
<div><div><div><div><div>0'-0" Top Protective Casing (If used)</div><div>0'-0" Ground Surface</div><div>2.25" Bore Hole Diameter</div><div><div>Backfill Material</div><div><div>☐ Soil Cuttings</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div><div>☐ Concrete</div></div></div><div>Depth To:<div><div>0.5' Top of Seal</div><div><div>Seal Material</div><div><div>☐ Bentonite Chips/Pellets</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div></div></div></div><div>1' Top of Filter Pack</div><div>1.5' Top of Screen</div><div>3/8" Screen Diameter</div><div><div>Screen Filter Material</div><div>☒ 00N Sand</div></div><div>2' Bottom of Screen</div><div>2' Bottom of Bore Hole</div></div></div><div><div><div>Depth to Groundwater</div><div>3' Feet Below Grade</div></div><div><div>Measure Length of Screen Weight</div><div>NA Length of Weight in Inches</div></div><div><div>Vapor Implant Material</div><div>6" Length of Screen</div><div>Stainless Implant Material</div></div></div></div></div></div>				
Notes:	(provide description of observation well location, method of construction, development method and any other information)			

<div><div>C&S COMPANIES</div><div>C&S Engineers, Inc. 499 Col Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div></div>		<div>SOIL VAPOR IMPLANT CONSTRUCTION LOG</div>		<div>Soil Vapor Implant No.:SV-102</div>	
<div>Project Name:Old Erie Commons</div>				<div>Project No.:W96.013.001</div>	
<div>Location:160 Center Street, Canastota</div>				<div>Surface Elev.: </div>	
<div>Client:Housing Visions</div>				<div>Datum: </div>	
<div>Drilling Firm:Matrix</div>		<div>Drill Rig:GeoProbe 7822DT</div>		<div>Start Date/Time:7/29/25</div>	
				<div>Finish Date/Time:7/29/25</div>	
				<div>Inspector:NC / CD</div>	
<div><div><div><div><div>0'-0"</div><div>Top Protective Casing</div><div>(If used)</div></div><div><div>0'-0"</div><div>Ground Surface</div></div><div><div>2.25"</div><div>Bore Hole Diameter</div></div><div><div>Backfill Material</div><div><div>☐ Soil Cuttings</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div><div>☐ Concrete</div></div></div><div><div>Depth To:</div><div><div>0.5'</div><div>Top of Seal</div></div><div><div>Seal Material</div><div><div>☐ Bentonite Chips/Pellets</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div></div></div><div><div>1.5'</div><div>Top of Filter Pack</div></div><div><div>2.5'</div><div>Top of Screen</div></div><div><div>3/8"</div><div>Screen Diameter</div></div><div><div>Screen Filter Material</div><div><div>☒ 00N Sand</div></div></div><div><div>3'</div><div>Bottom of Screen</div></div><div><div>3'</div><div>Bottom of Bore Hole</div></div></div><div><div><div>Depth to Groundwater</div><div><div>3.5'</div><div>Feet Below Grade</div></div></div><div><div>Measure Length of Screen Weight</div><div><div>0</div><div>Length of Weight in Inches</div></div></div><div><div>Vapor Implant Material</div><div><div>6"</div><div>Length of Screen</div></div><div><div>Stainless</div><div>Implant Material</div></div></div></div></div></div></div>					
<div>Notes: (provide description of observation well location, method of construction, development method and any other information)</div>					

<div><div>C&S COMPANIES</div><div>C&S Engineers, Inc. 499 Col Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com</div></div>		<div>SOIL VAPOR IMPLANT CONSTRUCTION LOG</div>		<div>Soil Vapor Implant No.:SV-103</div>	
<div>Project Name:Old Erie Commons</div>				<div>Project No.:W96.013.001</div>	
<div>Location:160 Center Street, Canastota</div>				<div>Surface Elev.: </div>	
<div>Client:Housing Visions</div>				<div>Datum: </div>	
<div>Drilling Firm:Matrix</div>		<div>Drill Rig:GeoProbe 7822DT</div>		<div>Start Date/Time:7/30/25</div>	
				<div>Finish Date/Time:7/30/25</div>	
				<div>Inspector:NC / CD</div>	
<div><div><div><div><div>0'-0"</div><div>Top Protective Casing</div><div>(If used)</div></div><div><div>0'-0"</div><div>Ground Surface</div></div><div><div>2.25"</div><div>Bore Hole Diameter</div></div><div><div>Backfill Material</div><div><div>☐ Soil Cuttings</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div><div>☐ Concrete</div></div></div><div><div>Depth To:</div><div><div>0.5'</div><div>Top of Seal</div><div>Seal Material</div><div><div>☐ Bentonite Chips/Pellets</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div></div></div><div><div>1'</div><div>Top of Filter Pack</div></div><div><div>1.5'</div><div>Top of Screen</div></div><div><div>3/8"</div><div>Screen Diameter</div></div><div><div>Screen Filter Material</div><div><div>☒ 00N Sand</div></div></div><div><div>2'</div><div>Bottom of Screen</div></div><div><div>2'</div><div>Bottom of Bore Hole</div></div></div><div><div><div>Depth to Groundwater</div><div>3'</div><div>Feet Below Grade</div></div><div><div>Measure Length of Screen Weight</div><div>0</div><div>Length of Weight in Inches</div></div><div><div>Vapor Implant Material</div><div>6"</div><div>Length of Screen</div><div>Stainless</div><div>Implant Material</div></div></div></div></div></div>					
<div>Notes: </div> <div>(provide description of observation well location, method of construction, development method and any other information)</div>					

	C&S Engineers, Inc. 499 Col Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com	SOIL VAPOR IMPLANT CONSTRUCTION LOG	Soil Vapor Implant No.:	SV-104
			Project No.:	W96.013.001
			Surface Elev.:	
Project Name:	Old Erie Commons		Datum:	
Location:	160 Center Street, Canastota		Start Date/Time:	7/30/25
Client:	Housing Visions		Finish Date/Time:	7/30/25
Drilling Firm:	Matrix	Drill Rig:	GeoProbe 7822DT	Inspector: NC / CD
<div><div><div><div><div>0'-0"</div><div>Top Protective Casing</div><div>(If used)</div></div><div><div>0'-0"</div><div>Ground Surface</div></div><div><div>2.25"</div><div>Bore Hole Diameter</div></div><div><div>Backfill Material</div><div>☐ Soil Cuttings</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div><div>☐ Concrete</div></div><div><div>Depth To:</div><div><div>0.5'</div><div>Top of Seal</div><div>Seal Material</div><div>☐ Bentonite Chips/Pellets</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div></div><div><div>1'</div><div>Top of Filter Pack</div></div><div><div>1.5'</div><div>Top of Screen</div></div><div><div>3/8"</div><div>Screen Diameter</div></div><div><div>Screen Filter Material</div><div>☒ 00N Sand</div></div><div><div>2'</div><div>Bottom of Screen</div></div><div><div>2'</div><div>Bottom of Bore Hole</div></div></div><div><div><div>Depth to Groundwater</div><div><div>3'</div><div>Feet Below Grade</div></div></div><div><div><div>Measure Length of Screen Weight</div><div><div>0</div><div>Length of Weight in Inches</div></div></div><div><div><div>Vapor Implant Material</div><div><div>6"</div><div>Length of Screen</div></div><div><div>Stainless</div><div>Implant Material</div></div></div></div></div></div></div></div></div>				
Notes:	(provide description of observation well location, method of construction, development method and any other information)			

	C&S Engineers, Inc. 499 Col Eileen Collins Blvd Syracuse, NY 13212 Phone: 315-455-2000 Fax: 315-455-9667 www.cscos.com	SOIL VAPOR IMPLANT CONSTRUCTION LOG	Soil Vapor Implant No.:	SV-105
			Project No.:	W96.013.001
			Surface Elev.:	
Project Name:	Old Erie Commons		Datum:	
Location:	160 Center Street, Canastota		Start Date/Time:	7/28/25
Client:	Housing Visions		Finish Date/Time:	7/28/25
Drilling Firm:	Matrix	Drill Rig:	GeoProbe 7822DT	Inspector: NC / CD

0'-0" Top Protective Casing
(If used)

0'-0" Ground Surface

2.25" Bore Hole Diameter

Backfill Material

☐ Soil Cuttings

☒ Bentonite Slurry

☐ Cement/Bentonite Grout

☐ Concrete

Depth To:

0.5' Top of Seal

Seal Material

☐ Bentonite Chips/Pellets

☒ Bentonite Slurry

☐ Cement/Bentonite Grout

3' Top of Filter Pack

4' Top of Screen

3/8" Screen Diameter

Screen Filter Material

☒ 00N Sand

4.5' Bottom of Screen

5' Bottom of Bore Hole

Depth to Groundwater

5.5' Feet Below Grade

Measure Length of Screen Weight

0 Length of Weight in Inches

Vapor Implant Material

6" Length of Screen

Stainless Implant Material

Notes:	(provide description of observation well location, method of construction, development method and any other information)
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<div>Project Name:Old Erie Commons</div>				<div>Project No.:W96.013.001</div>	
<div>Location:160 Center Street, Canastota</div>				<div>Surface Elev.: </div>	
<div>Client:Housing Visions</div>				<div>Datum: </div>	
<div>Drilling Firm:Matrix</div>		<div>Drill Rig:GeoProbe 7822DT</div>		<div>Start Date/Time:7/30/25</div>	
				<div>Finish Date/Time:7/30/25</div>	
				<div>Inspector:NC / CD</div>	
<div><div><div><div><div>0'-0"</div><div>Top Protective Casing</div><div>(If used)</div></div><div><div>0'-0"</div><div>Ground Surface</div></div><div><div>2.25"</div><div>Bore Hole Diameter</div></div><div><div>Backfill Material</div><div><div>☐ Soil Cuttings</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div><div>☐ Concrete</div></div></div><div><div>Depth To:</div><div><div>0.5'</div><div>Top of Seal</div><div>Seal Material</div><div><div>☐ Bentonite Chips/Pellets</div><div>☒ Bentonite Slurry</div><div>☐ Cement/Bentonite Grout</div></div></div><div><div>1'</div><div>Top of Filter Pack</div></div><div><div>1.5'</div><div>Top of Screen</div></div><div><div>3/8"</div><div>Screen Diameter</div></div><div><div>Screen Filter Material</div><div><div>☒ 00N Sand</div></div></div><div><div>2'</div><div>Bottom of Screen</div></div><div><div>2'</div><div>Bottom of Bore Hole</div></div></div><div><div><div>Depth to Groundwater</div><div><div>3'</div><div>Feet Below Grade</div></div></div><div><div>Measure Length of Screen Weight</div><div><div>0</div><div>Length of Weight in Inches</div></div></div><div><div>Vapor Implant Material</div><div><div>6"</div><div>Length of Screen</div><div>Stainless</div><div>Implant Material</div></div></div></div></div></div></div>					
<div>Notes: (provide description of observation well location, method of construction, development method and any other information)</div>					

Appendix D

Community Air Monitoring Plan



C&S Engineers, Inc.
499 Colonel Eileen Collins Blvd.
Syracuse, New York 13212



Community Air Monitoring Plan

Old Erie Commons
160 Center Street, Canastota, New York
BCP Site No. C727015

Prepared for:



Old Erie Commons, LLC
1201 East Fayette Street
Syracuse, New York

November 2025

C&S Project No. W96.013.001



Community Air Monitoring Plan

**Old Erie Commons
160 Center Street
Canastota, Madison County, New York
BCP Site No. C727015**

Prepared for:



Old Erie Commons LLC
1201 East Fayette Street
Syracuse, New York

Prepared by:

C&S Engineers, Inc.
499 Col. Eileen Collins Boulevard
Syracuse, New York 13212

November 2025

C&S Project#: W96.013.001



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1.0 OVERVIEW

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

Planned sampling and remediation activities to be conducted at the Site will require real-time air monitoring for VOCs and airborne particulate levels at the perimeter of all work areas during all site activities. The nature of such monitoring and the number of monitoring points will be dependent upon and determined by the nature and extent of activities being conducted at any given time. It is the intent of this CAMP to ensure that real-time monitoring is representative of site conditions and risks and is extensive enough to ensure that the surrounding community is sufficiently protected from potential airborne contaminants.

The air monitoring to be conducted at the Site will employ the following provisions:

- **Mobile Air Monitoring Stations:** The following monitoring stations will be established each day, based on current wind direction and the location and nature of site activities. The station locations will be adjusted throughout the day, as needed, to account for changes in wind direction.
 - *Upwind Monitoring Station:* One monitoring station equipped to monitor and log VOC and particulate concentrations near the upwind side of the site. This upwind monitoring location will provide data on local ambient (i.e., background) conditions and serve as a comparison for VOC and particulate concentrations recorded at the downwind monitoring locations.
 - *Downwind Monitoring Stations:* Monitoring stations will be placed downwind of intrusive site work activities (i.e., excavation, soil handling, loading, soil mixing) and routes of truck and equipment traffic across the site. The number of stations will depend on the size of the area of subsurface disturbance or the number of active work areas. Concentrations of VOC and particulates will be continuously monitored at these locations, and compared to upwind (background) concentrations, to determine if site activities are resulting in higher downwind concentrations.
- **Dust Suppression Measures:** Dust suppression techniques will be employed by the contractor as necessary to limit fugitive dust generated in disturbed areas during investigation and remediation activities. Such techniques may be employed, as

appropriate, even if the community air monitoring results indicate that particulate levels are below action levels. Techniques may include but are not limited to:

- Applying water on haul roads
 - Wetting equipment and excavation surfaces
 - Wetting soil during on-site handling, stabilization, and loading activities
 - Pre-wetting the surface of soil in trucks prior to transportation from the site
 - Hauling materials in properly tarped or watertight containers
 - Limiting vehicle speed on the site
 - Limiting the size of excavations
 - Covering excavated areas and materials following excavation
 - Applying alternate dust suppression agents if use of water does not adequately mitigate dust generation
- **Continuous Monitoring** will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil / waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.
- **Periodic Monitoring** for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

2.0 VOC MONITORING, RESPONSE LEVELS AND ACTIONS

Monitoring of real-time VOC concentrations will be performed at each monitoring station (upwind, downwind, and fixed) using portable photo-ionization detectors (PIDs) equipped with 10.6 eV lamps. These instruments are capable of detecting the VOCs that may be present in the soil or groundwater at the site.

2.1 Monitoring Equipment

The instrument specifications are as follows:

Instrument Manufacturer	RAE Systems, Inc.
Model Number	MiniRAE 3000
Type of Sensor	Photoionization with 10.6 eV lamp
Compounds Measured	Volatile organic compounds with ionization potentials at or below 10.6 eV
Measurement Range	0.0 to 15,000 ppm by volume
Resolution	0.1 ppm at concentration range 0.0 to 999.9 ppm and 1.0 ppm at concentration range 1,000 to 15,000 ppm
Calibration	100 ppm Isobutylene
Sampling Pump	Internal, integral flow rate at 500 cc/min
Datalogging	6 months at 1 minute increments
Direct Readout	Instantaneous reading of VOCs as ppm by volume; high values; STEL and TWA; battery and shutdown voltage; date, time, and temperature
Alarms	95 dB at 12" (30 cm) buzzer and flashing red LED to indicate exceeded preset high, low, STEL, and TWA limits; additional diagnostic alarm and display message for low battery and pump stall
Operating Time	16 hours
Operating Temperature	-20 to 50 °C (-4 to 122 °F)

VOCs will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis while ground-intrusive or dust generating (i.e., truck and equipment traffic; soil handling, mixing, and loading) activities are being performed. Upwind concentrations will be also measured at the upwind perimeter of the site during such activities, to monitoring ambient / background levels that are present in the area. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate, such as isobutylene. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

Upwind and downwind monitoring locations must be adjusted throughout the course of each workday in the event of changes in wind direction, as indicated by the on-site weather station.

2.2 VOC Action Levels and Responses

The following action levels will be observed during the duration of work at the site:

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.
2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.
4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

3.0 PARTICULATE MONITORING, RESPONSE LEVELS, AND ACTIONS

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the site while ground-intrusive or dust generating (i.e., truck and equipment traffic; soil handling, mixing, and loading) activities are being performed. Upwind concentrations should be also measured at the upwind perimeter of the site during such activities, to monitoring ambient / background levels that are present in the area. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action levels. The equipment will be equipped with an alarm and telemetry to alert site personnel of an exceedance of the action level.

In addition to the particulate monitoring, fugitive dust migration will be visually assessed during all work activities.

3.1 Monitoring Equipment

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

Instrument Manufacturer	TSI Incorporated
Model Number	DustTrak II Model 8530
Compounds Measured	Dust, mists or aerosols
Flow Rate	3.0 L/min (pre-set), 1.4 to 3.0 L/Min user adjustable
Measurement Range	0.001 to 400 mg/m ³ (1 to 400,000 ug/m ³)
Accuracy	+/- 5% of reading +/- precision (referenced to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 m, g= 2.5, as aerosolized)
Resolution	0.1% of reading or 1 g/m ³ , whichever is larger
Particle Size Range of Maximum Response	0.1-10 µm
Memory	5 MB (>60,000 Data Points), 45 Days at 1 minute interval
Operating Temperatures	0 to 50 °C (32 to 120 °F)
Log Interval	1 second to 1 hour
Logged Data	Each data point with average concentration, time/date and data point number
Run Summary	Overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number
Alarm Averaging Time (user selectable)	Real-time (1-60 seconds) or STEL (15 minutes), alarms required
Operating Time	48 hours (fully charged NiCd battery); continuously with charger

3.2 Particulate Action Levels and Responses

The following action levels will be observed during the duration of work at the site:

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed $150 \mu\text{g}/\text{m}^3$ above the upwind level and provided that no visible dust is migrating from the work area.
2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than $150 \mu\text{g}/\text{m}^3$ above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within $150 \mu\text{g}/\text{m}^3$ of the upwind level and in preventing visible dust migration.
3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.



4.0 REPORTING

Daily CAMP reports will be provided to the NYSDEC and NYSDOH project managers. The reports will consist of figures showing work zones and monitoring stations and downloaded CAMP data. The daily reports will summarize any CAMP exceedances and the corrective actions taken. Any CAMP exceedances will be reported to NYSDEC and NYSDOH project managers within one business day.

5.0 SPECIAL REQUIREMENTS

In addition or in combination with the above, the following special requirements apply for work within 20 feet of potentially exposed individuals or structures:

- When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates will reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor / dust barriers, temporary negative-pressure enclosures, or special ventilation devices will be considered to prevent exposures related to the work activities and to control dust and odors. Consideration will be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.
- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring will occur within the occupied structure(s). Depending upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be pre-determined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.
- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed $150 \mu\text{g}/\text{m}^3$, work activities will be suspended until controls are implemented and are successful in reducing the total particulate concentration to $150 \mu\text{g}/\text{m}^3$ or less at the monitoring point.
- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements are as stated above under "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures" except that in this instance "nearby / occupied structures" would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, shall be understood and the monitoring locations established accordingly. In these situations, exhaust fans or other engineering controls will be used to create negative air pressure within the work area during remedial activities. Additionally, the planned work will be implemented during hours (e.g. weekends or evenings) when building occupancy is at a minimum.

Appendix E

Quality Assurance Project Plan



C&S Engineers, Inc.
499 Colonel Eileen Collins Blvd.
Syracuse, New York 13212



Quality Assurance Project Plan

Old Erie Commons

160 Center Street, Canastota, New York

BCP Site No. C727015

Prepared for:



Old Erie Commons, LLC
1201 East Fayette Street
Syracuse, New York

November 2025

C&S Project No. W96.013.001



Quality Assurance Project Plan

**Old Erie Commons
160 Center Street
Canastota, Madison County, New York
BCP Site No. C727015**

Prepared for:



Old Erie Commons LLC
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APPENDICES

Appendix A	Supporting Documentation for PFAS Analysis
Appendix B	NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form

1.0 INTRODUCTION

C&S' Quality Control (QC) Program is a vital part of its approach to remedial investigations. Through our thorough QC program, our firm is able to provide accurate and dependable data. QC also provides safe working conditions for field staff.

The QC program contains procedures, which provide for collected data to be properly evaluated, and which document that quality control procedures have been followed in the collection of samples. The QC program represents the methodology and measurement procedures used in collecting quality field data. This methodology includes the proper use of equipment, documentation of sample collection, and sample handling practices.

Procedures used in the firm's QC program are consistent with federal, state, and local regulations, as well as appropriate professional and technical standards.

This QC program has been organized into the following areas:

- QC Objectives
- Field Sampling Techniques
 - Procedures
 - Preparation
 - Measurement
 - Decontamination
- Sample Management

2.0 QUALITY CONTROL OBJECTIVES

2.1 Data Quality Objectives

Data Quality Objectives (DQOs) are statements which describe the desired quality of data necessary to meet the objectives of the sampling program. The DQOs for the site sampling program were formulated during the scoping effort and developed as part of this Plan. The general steps followed in preparation of the DQOs were as follows:

- Identification of the media to be sampled – Identifies the media being investigated (e.g., ground water, surface soil).
- Identification of the data uses – Identifies the intended use of the data according to the following:
 - Site Characterization – Data are used to determine the composition, nature, and extent of contamination.
 - Risk Assessment – Data are used to evaluate the actual or potential risks posed by contaminants determined to be present on-site. Particular attention is given to sampling at locations where human exposure is possible.
 - Health and Safety Plan (HASP) – Data are used to establish the level of protection needed for on-site workers during site characterization activities.
 - Monitoring – Data are used during the monitoring of the remedial action to assess the effectiveness of such action.
 - PRP Enforcement – Data are used to help establish potentially responsible parties (PRP's).
 - Evaluation of Alternatives – Data are used to evaluate various proposed remedial technologies and assist in proper design of alternatives.
- Identification of the data types – Identifies what types of analyses are to be performed.
- Sample Collected – Describes the sample types to be collected.
 - Environmental – Refers to a specific media sampled such as water, soil, air, or biological.
 - Source – Refers to sampling an actual contamination source.
 - Grab – A discrete sample representative of a specific location.
 - Composite – A sample that represents a mixture of a number of grab samples that represents the average properties over the extent of areas sampled.
 - Biased – Sampling that focuses on a specific area of expected contamination or uncontaminated area (background).
- Identification of the data quality needs – Identifies the analytical options available to support data collection activities and are identified as follows:
 - Level I: Field Screening – portable type instruments which provide real-time data.
 - Level II: Field Analysis – portable analytical instruments in an on-site lab or

- transported to the site.
- Level III: Standard Analytical Protocols – standard analytical protocols or without the NYSDEC Analytical Services Protocol (ASP) (2000) deliverables / reportables documentation.
 - Level IV: NYSDEC ASP Reportables / Deliverables – rigorous QA / QC protocols and reportables / deliverables documentation; NYSDEC ASP (2000) Category B deliverables.
 - Level V: Non-Standard – methods which have been modified to meet specific site study or remediation needs or by use of some other specialized analytical methods that cannot be obtained through standard or typical avenues of analytical support.
- Identification of Data Quality Factors – Describes factors which influence the quality or quantity of data to be collected. Primary contaminants and associated levels of concern are identified concerning ARARs or potential risks. The required detection limit are also given or referenced.
 - Identification of QA / QC Samples – Specifies additional samples to be collected to support Quality Assurance / Quality Control (QA / QC) procedures. Additional samples to be collected could include:
 - Matrix Spike/Matrix Spike Duplicates – Matrix spike and matrix spike duplicate samples are collected as a duplicate sample to which the analytical laboratory will add known amounts of target analytes. These QA / QC samples are intended to assess the extraction procedure used by the laboratory.
 - Blind Duplicates – Blind duplicates are a duplicate of another sample submitted for analysis. The location of the sample is recorded in the field book and not disclosed on the chain of custody. These QA / QC samples are intended to assess the repeatability of analysis by the laboratory.
 - Field Blanks – Field (equipment) blanks are samples which are obtained by running analyte-free water through the sample collection equipment in a way that is identical to the sample collection procedures. Field blanks may be used during QA / QC procedures to evaluate if sampling equipment has contributed contaminants to the samples.
 - Trip Blanks – Trip blanks are samples which are prepared prior to the sampling event in the same type of sample container and are kept with the collected samples throughout the sampling event unit analysis. Trip blank vials are not opened in the field and are analyzed for volatile organics only.

2.2 Sampling Procedures

All sampling objectives, locations, and procedures have been included as the Remedial Investigation Work Plan (RIWP) and are further described in **Section 3.0**. Items including Field Measurement Techniques, General Field Decontamination, and Sample Management have also been included in **Section 3.0** and **Section 4.0**.

2.3 Laboratory Certification and Coordination

The Environmental Laboratory Approval Program (ELAP) certification is an accreditation issued by the New York State Department of Health (NYSDOH). Such laboratories have demonstrated that they consistently ensure the accuracy and reliability of samples analyzed. All chemical analyses for samples from the site will be completed by an ELAP laboratory capable of performing project specific analyses as indicated in this QA / QC plan. The project QA / QC Officer will also be responsible for all project related laboratory coordination.

Supporting documentation related to per- and polyfluoroalkyl substances (PFAS) analysis, such as standard operating procedures (SOPs), analyte lists, and method detection limits (MDLs) are provided in **Appendix A**.

2.4 Analytical Methodologies

Sampling and analysis will be performed for the Target Compound List (TCL) parameters including volatiles. The specific analyses will be conducted according to the following NYSDEC ASP 2000 methodologies:

Table 2-1: ASP 2000 Methodologies

Parameter Group	USEPA Analysis Method
Volatiles	8260C or TO-15 for air
Semivolatiles	8270D
PCBs	8082A
Pesticides	8081B
Herbicides	8151A
Metals / Inorganics	6010D, 7471B, 9010C/9012B, 7196A
PFOA/PFOS	1633

Samples will be analyzed by Pace Analytical Services LLC, and the data will be presented in Category B reportables / deliverables format.

2.5 Analytical Quality Control

Analytical quality control for this Project will be consistent with the methodology and quality assurance/quality control requirements in the NYSDEC ASP 2000.

The tables on the following page detail sample volumes, containers, preservation, and holding time for typical analytes.

2.6 Data Usability Summary Report

A Data Usability Summary Report (DUSR) will be prepared by Vali-Data of WNY, LLC consistent with NYSDECs Guidance for the Development of Quality Assurance Plans and Data Usability Summary Reports as given in DER-10. The main objective of the DUSR is to determine whether the data presented meets the project specific needs for data quality and data use.

Table 2-2: Water Samples

Type of Analysis	Type and Size of Container	Number of Containers and Requirements	Preservation	Holding Time Until Extraction / Analysis
VOCs	40-mL VOA vial	Three (3); fill completely; no headspace	HCl, pH<2 Cool to 4°C	14 days
SVOCs	250-mL amber glass jar, Teflon lined	Two (2); fill completely	Cool to 4°C	7 days to extraction
PCBs	125-mL amber glass jar, Teflon lined	Two (2); fill completely	Cool to 4°C	365 days to extraction
Pesticides	125-mL amber glass jar, Teflon lined	Two (2); fill completely	Cool to 4°C	7 days to extraction
Herbicides	1,000-mL amber glass jar, Teflon lined	Two (2); fill completely	Cool to 4°C	7 days to extraction
Total Metals, including Hg	250-mL plastic	One (1); fill completely	HNO ₃ , pH<2 Cool to 4°C	180 days (28 days for mercury)
Dissolved Metals, including Hg	250-mL plastic	One (1); fill completely; filtered	HNO ₃ , pH<2 Cool to 4°C	180 days (28 days for mercury)
Hexavalent Chromium	500-mL plastic	One (1); fill completely	Cool to 4°C	24 hours
Cyanide	250-mL plastic	One (1); fill completely	NaOH, pH>12 Cool to 4°C	14 days
1,4-Dioxane	250-mL amber glass jar, Teflon lined	Two (2); fill completely	Cool to 4°C	7 days to extraction
PFAS	250-mL plastic	Two (2); fill completely	Cool to 4°C	28 days to extraction

All sample bottles will be prepared in accordance with USEPA bottle washing procedures.
Consult with laboratory as glassware may vary by laboratory.
Holding time begins at the time of sample collection.

Table 2-3: Soil Samples

Type of Analysis	Type and Size of Container	Number of Containers and Requirements	Preservation	Holding Time Until Extraction / Analysis
VOCs	40-mL VOA vial and Terracore	One (1); 5-15 grams	MeOH Cool to 4°C	14 days
	40-mL VOA vial and Terracore	Two (2); 5 grams each	Water Cool to 4°C	48 hours to freeze 14 days to analysis
SVOCs	4-oz amber glass jar, Teflon lined	One (1); fill completely	Cool to 4°C	14 days to extraction
PCBs	4-oz amber glass jar, Teflon lined	One (1); fill completely	Cool to 4°C	365 days to extraction
Pesticides	4-oz amber glass jar, Teflon lined	One (1); fill completely	Cool to 4°C	14 days to extraction
Herbicides	4-oz amber glass jar, Teflon lined	One (1); fill completely	Cool to 4°C	14 days to extraction
Metals, including Hg	4-oz amber glass jar	One (1); fill completely	Cool to 4°C	180 days (28 days for mercury)
Hexavalent Chromium	4-oz amber glass jar	One (1); fill completely	Cool to 4°C	30 days
Cyanide	4-oz amber glass jar	One (1); fill completely	Cool to 4°C	14 days
1,4-Dioxane	4-oz amber glass jar, Teflon lined	One (1); fill completely	Cool to 4°C	14 days to extraction
PFAS	8-oz plastic	One (1); fill completely	Cool to 4°C	90 days to extraction

All sample bottles will be prepared in accordance with USEPA bottle washing procedures.
Consult with laboratory as glassware may vary by laboratory.
Holding time begins at the time of sample collection.

3.0 FIELD SAMPLING PLAN

3.1 Sampling Procedures

The following sections provide procedures for collecting a variety of samples, not all of which will be needed at this site.

3.1.1 Preparation for Sampling

The sample collection technique is of prime importance to assure the integrity of the collected sample. The following techniques include provisions so that:

- A representative sample is obtained;
- Contamination of the sample is minimized;
- The sample is properly preserved; and
- An acceptable Chain-of-Custody record is maintained.

The QA / QC Sampling Component of the Plan includes:

- Incorporation of accepted sampling techniques referenced in the sampling plan;
- Procedures for documenting any field actions contrary to the QA / QC Plan;
- Documentation of all preliminary activities such as equipment check-out, calibrations, and container storage and preparation;
- Documentation of field measurement quality control data (quality control procedures for such measurements shall be equivalent to corresponding QC procedures);
- Documentation of field activities;
- Documentation of post-field activities including sample shipment and receipt, field team debriefing, and equipment check-in;
- Generation of quality control samples including duplicate samples, field blanks, equipment blanks, and trip blanks;
- The use of these samples in the context of data evaluation with details of the methods employed (including statistical methods) and of the criteria upon which the information generated will be judged; and

- The number of QA / QC samples generally required are shown in the following table. When there is a disagreement with QA / QC sample numbers and types, between this document and a Work Plan, the Work Plan shall prevail.

Table 3-1: QA / QC Samples

Sample Type	Analysis	Number	Note
MS / MSD	Full Suite	Every sample batch, or minimum of 5% (1 per 20)	Two additional samples at a given location
Trip Blank	VOC	One per day or 5% (1 per 20), whichever is more frequent	Vials of clean water provided by laboratory. Packed with collected samples.
Field Blank	VOC and PFAS	One per day or 5% (1 per 20), or whichever is more frequent	Clean water passed through / over decontaminated sample collection equipment / tubing
Blind Duplicate	Same as field sample	Every sample batch, or minimum of 5% (1 per 20)	An additional sample at a given location

The personnel responsible for collection of groundwater, soil, air, miscellaneous media, and petroleum spill remediation / verification samples will be familiar with standard sampling procedures and follow the appropriate protocol. Field records will be maintained in bound notebooks with numbered pages to document daily instrument calibration, locations sampled, field observations, and weather conditions. Each page will be dated and signed by the sampler. Each notebook will be numbered and a log of notebooks will be maintained by the project manager.

Prior to sampling, all equipment must be procured and accommodations for sample container delivery, and sample shipment must be made. The following is a list of general equipment that would be on hand for sampling events. Special equipment for each sampling event is presented in the section describing that specific sampling event.

- | | |
|--|---|
| <ul style="list-style-type: none"> Field Data Sheets Chain-of-Custody forms Engineers tape and folding ruler with 0.01-foot intervals Field Record Sheets Latex gloves Face-safety shield Tyvek coveralls Respirators Photoionization detector Bio-degradable phosphate free detergent | <ul style="list-style-type: none"> Coolers and ice (no blue ice) Drums Sample bottles Aluminum foil Duct and filament tape Tap water Distilled water Laboratory grade methanol and hexane Wash buckets Decontamination towels / cloths Large disposal containers Large plastic sheets |
|--|---|

3.2 Sample Collection Techniques

3.2.1 Surface Soil Sampling

Surface soil samples will be collected at the locations and depths indicated in the Work Plan. When sampling is conducted in areas where a vegetative turf has been established, a pre-cleaned trowel or shovel will be used to remove the turf so that it may be replaced at the conclusion of sampling. Samples will then be collected using a pre-cleaned, stainless steel spoon. When the sample is obtained, it will be deposited into a pre-cleaned stainless steel bowl or plastic pail for mixing prior to filling the sample containers. The soil will be mixed thoroughly until the material is homogenized. At that point, the soil will be placed into the laboratory provided containers.

Once removed from the ground the soil will immediately be observed for soil characteristics, including general soil type (sand, silt, clay), moisture, and evidence of impairment ((e.g. petroleum or chemical odors, staining, volatile organic vapors as measured by a photoionization detector (PID)). The PID will be calibrated daily (and more often as required by the manufacturer's data) prior to use in the field, using calibration test gases.

When PFAS sampling / testing is required, no sampling equipment components or sample containers should come into contact with aluminum foil, LDPE, glass, or Teflon tape. Acceptable equipment includes stainless steel spoons and bowl, HDPE containers, and steel shovels or augers that are not coated.

3.2.2 Subsurface Soil Sampling

3.2.2.1 Direct Push Drilling

Generally, soil borings will be advanced with a Geoprobe direct push sampling system. The use of direct push technology allows for rapid sampling, observation, and characterization of relatively shallow overburden soils. The Geoprobe utilizes a four to five-foot Macro-Core® sampler, with disposable polyethylene sleeves. Soil cores will be retrieved in four or five-foot sections, and can be easily cut from the polyethylene sleeves for observation and sampling. The Macro-Core® sampler will be decontaminated between boring locations using an Alconox® and water solution.

Prior to initiating drilling activities, the Macrocores, drive rods, and pertinent equipment, will be steam cleaned or washed with an Alconox® and water solution. This cleaning procedure will also be used between each boring. Throughout and after the cleaning processes, direct contact between the equipment and the ground surface will be avoided. Plastic sheeting and/or clean support structures (e.g., pallets, sawhorses) will be used.

Test borings will be advanced with 2-inch (or larger) inside diameter (ID) direct push Macro-Core® through overburden soils. Drilling fluids, other than potable water will not be allowed

without special consideration and agreement from NYSDEC. The use of lubricants is also not allowed unless approved by the NYSDEC representative.

3.2.2.2 Hollow Stem Auger

The drilling and installation of monitoring wells will be performed using a rotary drill rig which will have sufficient capacity to perform 4 1/4-inch ID hollow-stem auger drilling in the overburden, retrieve Macro-Core® or split-spoon samples. Equipment sizes and diameters may vary based on project-specific criteria. Any investigative derived waste generated during the advancement of soil borings and monitoring well installations will be containerized and characterized for proper disposal.

Prior to initiating drilling activities, the augers, rods, Macro-Core®, split spoons, and other pertinent equipment will be steam cleaned or washed with an Alconox® and water solution. This cleaning procedure will also be used between each boring. Steam cleaning activities will be performed in a designated on-site decontamination area. During and after the cleaning processes, direct contact between the equipment and the ground surface will be avoided. Plastic sheeting and/or clean support structures (e.g., pallets, sawhorses) will be used.

Test borings will be advanced with 4 1/4-inch ID hollow stem augers through overburden, driven by truck-, track-, or trailer-mounted drilling equipment. Alternative methods of drilling or equipment may be allowed or requested for project specific criteria, but must be approved by the NYSDEC. Drilling fluids, other than water from a NYSDEC-approved source, will not be allowed without special consideration and agreement from NYSDEC. The use of lubricants is also not allowed unless approved by the NYSDEC representative.

Hollow stem auger advanced groundwater-monitoring wells typically utilize minimum 2-inch threaded flush joint PVC pipe with 0.010-in. slotted screen or pre-packed well screens. PVC piping used for risers and screens will conform to the requirements of ASTM-D 1785 Schedule 40 pipe. All materials used to construct the wells will be NSF / ASTM approved. Solvent PVC glue shall not be used at any time in the construction of the wells. The bottom of the screen shall be sealed with a treated wood cap or plastic plug. No lead shot or lead wool is to be employed in sealing the bottom of the well or for sealant at any point in the well.

3.2.2.3 Subsurface Soil Sample Screening and Collection

When polyethylene sleeves or split spoons are removed from borings, the soil will immediately be observed for soil characteristics, including general soil type (sand, silt, clay), moisture, confining layers, and evidence of impairment (e.g. petroleum or chemical odors, staining, volatile organic vapors as measured by a PID – ex-situ and headspace). Generally, sample selection is based on evidence of impairment, depth, spatial distribution, or for delineation purposes. Normally, sample locations will not be known until the end of each day in the field. Therefore, samples for potential analysis will be placed in new Ziploc bags and placed on ice until they are placed into laboratory provided glassware.

When PFAS sampling / testing is required, no sampling equipment components or sample containers should come into contact with aluminum foil, LDPE, glass, or Teflon tape. Acceptable equipment includes stainless steel spoons and bowl, HDPE containers, and steel tools that are not coated.

3.2.3 Groundwater Monitoring Well Construction / Completion

3.2.3.1 Artificial Sand Pack

When utilized, granular backfill will be chemically and texturally clean, inert, siliceous, and of appropriate grain size for the screen slot size and the host environment. The sand pack will be installed using a tremie pipe, when possible (i.e., a tremie pipe may not fit into smaller, 2-inch diameter boreholes). When utilized, the well screen and casing will be installed, and the sand pack placed around the screen and casing to a depth extending at least 2 feet above the top of the screen. A pre-packed well screen may be used if pre-approved by the NYSDEC.

3.2.3.2 Bentonite Seal

A minimum 2-foot thick seal will be placed directly on top of the sand pack, and care will be taken to avoid bridging. In the event that Site geology does not allow for a 2-foot seal (e.g., only 1-foot of space remains between the top of the sand pack and ground surface), the remaining space in the annulus will be filled with bentonite.

3.2.3.3 Grout Mixture

Upon completion of the bentonite seal, the well may be grouted with a 30% solids pure bentonite grout, a non-shrinking cement grout, a cement / bentonite grout mix, or a bentonite / soil mix as indicated in the Work Plan. The grout will be placed from the top of the bentonite seal to the ground surface.

3.2.3.4 Surface Protection

At all times during the progress of the work, precautions shall be used to prevent tampering with or the entrance of foreign material into the well. Upon completion of the well, a suitable cap shall be installed to prevent material from entering the well. Where permanent wells are to be installed, the well riser shall be protected by a flush mounted road box set into a concrete pad or locking well cap for stick-up wells. A concrete pad, sloped away from the well, shall be constructed around the flush mount road box or stick-up casing at ground level.

Any well that is to be temporarily removed from service or left incomplete due to delay in construction shall be capped with a watertight cap.

3.2.3.5 Surveying

Coordinates and elevations will be established for each monitoring well and sampling location. Elevations to the closest 0.01 foot shall be used for the survey. These elevations shall be referenced to a regional, local, or project-specific datum. The location, identification, coordinates, and elevations of the wells will be plotted on maps with a scale large enough to show their location with reference to other structures at each site.

3.2.3.6 Well Development

After completion of the well, but not sooner than 48 hours after grouting is completed, development will be accomplished using pumping, bailing, and / or surge blocking. No dispersing agents, acids, disinfectants, or other additives will be used during development or introduced into the well at any other time. During development, water will be removed throughout the entire water column by periodically lowering and raising the pump intake (or bailer stopping point).

Water elevations will be taken on all wells prior to development, purging, and sampling. All measurements will be taken within a 24-hour period to obtain consistent elevations and recorded on well data sheets. The procedure for measuring water levels in the monitoring wells is:

- Unlock and remove well cap;
- Test the atmosphere of the well with the calibrated PID. If the gases from the well have caused the air in the breathing zone to read greater than 5 ppm, stop work and refer to the HASP;
- Measure water level to nearest 0.01 foot with a water level indicator (electronic);
- Water level indicators will be decontaminated before moving to next well. The tape and cable are decontaminated by washing in a bucket of distilled water-biodegradable phosphate free-detergent solution, followed by a rinse with distilled water.

Development water will either be properly contained and treated as waste until the results of chemical analysis of samples are obtained or discharged on Site as determined by the Site-specific work plans and/or consultation with the NYSDEC representatives on Site.

The development process will continue until removal of a minimum of 110% of the water lost during drilling, three well volumes; whichever is greater (or as specified in the Work Plan), and when water quality monitoring demonstrates stabilization of the effluent. The water quality meter will be calibrated prior to each sampling event (and more often as required by the manufacturer's data), using calibration fluids. Stabilization criteria is shown in the table below. In the event that limited recharge does not allow for the recovery of all drilling water lost in the

well or three well volumes, the well will be allowed to stabilize to conditions deemed representative of groundwater conditions. Stabilization periods will vary by project but will be confirmed with the NYSDEC prior to sampling.

Table 3-2: Well Development Stabilization Criteria

Parameter	Units	Stabilization Criteria
pH	Standard Units	± 0.1
Conductivity	mS/cm	± 3%
Turbidity	NTU	10% or < 10 NTU
D.O.	mg/L	10% or < 0.5 mg/L
Temperature	°F / °C	± 3%
ORP	mV	± 10

3.2.3.7 Groundwater Sample Collection

Groundwater samples will be collected using a dedicated low flow pump. When analysis is limited to VOCs, samples may be collected with disposable or stainless steel bailers. When PFAS sampling / testing is required, only the following equipment will be permitted:

- Stainless steel inertia pump with HDPE tubing
- Peristaltic pump with HDPE and silicone tubing
- Stainless steel bailer with stainless steel ball
- Bladder pump (identified as PFAS-free) with HDPE tubing

All sampling equipment will be properly decontaminated in the field (see **Section 3.3**). The following equipment will be available for sampling of monitoring wells in addition to the general sampling equipment list:

- Well Data Sheets
- Pump
- Electronic water level indicator
- Water Quality Meter
- Acid resistant gloves

The following activities will be completed before going into the field every day before the start of sampling:

- Fill out appropriate section on Well Data Sheet for the wells to be sampled;
- Obtain the sampling schedule for each well to be sampled;

- Calibrate the PID with the calibration gas;
- Determine the amount of sampling to be done for the day and prepare the necessary number of coolers;
- Each well to be sampled will have designated coolers containing the pre-labeled, certified clean, sample bottles. The groundwater samples will be placed in the cooler labeled for the well from which they were taken. The bottle shall be labeled with large distinguishable letters, so that the groundwater samples will be placed in the proper cooler; and
- Select the appropriate sample bottles for the day's sampling. The bottles shall be pre-marked with a sample parameter and preservatives. Reusable glass bottles will have been cleaned and prepared at the laboratory. The bottles for the various parameters to be analyzed from each well location will then be placed in a cooler.

The following steps describe the sample collection of groundwater:

- Unlock and remove the well cap;
- When VOCs are a contaminant of concern, test the air at the wellhead with the calibrated PID. If the gases from the well have caused the air in the breathing zone to read greater than 5 ppm, stop work and refer to the HASP. Record the reading on the Well Data Sheet;
- In order to obtain a representative sample of the formation water, the well must be purged of the static water within the well. Prior to purging, the static water level within the well must be measured and the measurement recorded on the Well Data Sheet. To determine the amount of water necessary to purge, find the liquid column height in the well to determine the total volume (three liquid column borehole volumes) of liquid to be purged;
- Purge the well; lower pump slowly into the well until it is below the water surface. In accordance with the Work Plan, purge waters will either be disposed within the vicinity of the respective well or containerized.
- Record the amount of water purged in the field logbook and on the Well Data Sheet.
- If the well goes dry during pumping, allow for full recovery (measure the water level) and then sample. If recovery takes more than twenty minutes, proceed to next well but return to sample within 24 hours.
- Fill the appropriate sample bottles according to the sampling schedule for each well. While filling the sample bottles, record the well number, type, volume of container, and

the preservatives used on the Ground Water Sampling Analyses form.

- The preservatives for the various sampling parameters were previously added to the clean sample bottles by the laboratory. Some parameters may require additional special handling.
- Volatile organics analyses sample vials must be free of air bubbles. When a bubble-free sample has been obtained, it must be immediately chilled.
- Collect the matrix spike duplicates, duplicates, field blanks, and trip blanks, as applicable. Take samples according to sampling schedule presented in the Work Plan.
- Record all pertinent information in field logbook and on the Well Data Sheet (include color, odor, sediment content of sample, etc.). Any situations at the site that have the potential to interfere with the analytical results should also be recorded here.
- Lock well, inspect well site, and note any maintenance required.
- Dispose of potentially contaminated materials in designated container.

3.2.4 Air Sample Collection

All activities will be conducted in accordance with the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006, and subsequent revisions.

3.2.4.1 Soil Vapor Implant Installation

Semi-permanent soil vapor monitoring points will be installed using direct-push methods. Continuous soil sampling will be conducted at each location using Geoprobe® Systems' Macro-Core® soil samplers, to create a nominal 2.25-inch diameter borehole. The direct-push borings will be terminated at the target depth of the vapor implant placement. As consistent with NYSDOH guidance, the vapor implants will be positioned so as to allow collection of vapor samples at depths comparable to the depths of nearby foundation footings (normally +/- five feet in depth), or at least 12 inches above the water table, if groundwater is present at a depth less than six feet bgs. The groundwater depth will be determined based upon static water levels recorded in nearby wells.

Following creation of the borehole, the vapor implants will be placed at the target sampling depth. Each implant will consist of a six-inch long vapor implant with stainless steel mesh / screen. Polyethylene tubing will be affixed to the top of the stainless-steel screen and extended to the ground surface. The borehole annulus below, surrounding, and to twelve inches above the top of the screen will be filled with 00N sand or glass beads to create an inert, porous vapor sampling zone. The remainder of the borehole annulus will be filled with a bentonite slurry to minimize outdoor air from entering the sampling zone. Each vapor implant will be completed

with a flush-mount protective casing.

Following installation, samples will be collected using a Summa™ canister (6-Liter capacity) equipped with a critical orifice flow regulation device sized to allow an air sample to be collected over a 4-hour sampling period.

3.2.4.2 Sub-Slab Soil Gas Sampling

Sub-slab sampling points will be installed to collect soil gas immediately below the slab. Sub-slab samples are typically co-located with corresponding indoor air samples to allow comparison of sub-slab and nearby indoor air concentrations. Sub-slab gas samples will be collected using a Summa™ canister (6-Liter capacity) equipped with a critical orifice flow regulation device sized to allow an air sample to be collected over a 24-hour sampling period.

The sub-slab vapor points will be installed by first advancing a small diameter hole (approximately 3/8-inches in diameter) through the floor slab to determine thickness. The holes will be drilled via a hammer drill or concrete core. The hole will extend through the slab and terminate at the interface with underlying material (i.e. gravel base or soil). A length of vinyl tubing will be placed into the hole to extend to the bottom of the slab. The cored slab annulus will be sealed with clay around the tubing.

To ensure there is no connection between the sub-slab and indoor air, helium short-circuit testing will be performed at each sampling point. The helium will be introduced into a dome placed over the sealed tubing. The dome will be sealed to the concrete floor with modeling clay. A helium meter that is capable to read down to 1-2% helium will be connected to the sample tubing to measure helium concentrations in the sub-slab environment. The detection of helium in the sub-slab air indicates communication between the air inside the dome and the sub-slab, revealing a leak in the seal around the tubing. If helium is detected in the sub-slab tubing at a concentration greater than 10% of the concentration of helium in the dome, the clay seal around the tubing will be reconfigured and the tracer test will be repeated until an adequate seal is observed.

Prior to sub-slab soil gas sample collection, the sample tubing will be purged at a rate not exceeding 200 mL/min to remove three tubing volumes of air. This ensures the concentrations detected in the sample are representative of soil gas and not diluted by indoor air.

3.2.4.3 Indoor Air Sampling

Indoor air samples will be collected using a Summa™ canister (6-Liter capacity) equipped with a critical orifice flow regulation device sized to allow an air sample to be collected over a 24-hour sampling period. The sampling canister will be placed approximately three to five feet off the ground.

A NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form will be completed at

the time of sampling (**Appendix B**). Testing will be conducted under the following conditions:

- Air samples will be collected during the heating season. In New York State, heating season generally extends from November 15 to March 31. However, in Upstate New York, it is common to heat buildings between October and April.
- Closed building conditions will begin at least 12 hours prior to the initiation of testing and shall be maintained throughout the test period, lasting less than four days.
- All exterior windows and doors shall be kept closed (except for momentary entry and exit by personnel). This includes areas not being tested.
- Heating and cooling systems shall be set to normal, occupied, operating temperatures; fan/blower controls shall be set to intermittent activity unless the system is designed to only run the fan continuously.
- Occupants should avoid excessive operation of clothes dryers, range hoods, bathroom fans, and other mechanical systems that draw air into and out of the building.
- Solid, liquid, or gas burning fireplaces shall not be operated unless they are the primary / normal sources of heat for the building.
- Window air-conditioning units shall only be operated in a re-circulating mode.
- Equipment that supplies fresh air to the building shall be deactivated unless it is an integral part of the HVAC system or supplies make-up air to a combustion appliance.
- Window fans shall be removed or sealed shut.
- Fans installed in attics to control only attic air and not whole-building temperature, or humidity may continue to operate.
- Normal operation of permanently installed ventilation systems such as energy recovery ventilators (also known as heat recovery ventilators or air-to-air heat exchangers) may continue during closed-building conditions so long as the system is regularly maintained and continuously operational.

Beginning 24 hours prior to test initiation and continuing throughout the duration of the test, the following activities will be avoided inside the building:

- Performing excavations or other activities that may generate particulate matter;
- Smoking;

- Painting;
- Cleaning, waxing, polishing furniture or floors with petroleum or oil-based products;
- Application of hairspray, nail polish, nail polish remover, perfume / cologne;
- Using air fresheners or odor eliminators; and
- Using any other products or performing any activities that contain VOCs, produce odors, or may otherwise influence indoor air testing results, or that are not consistent with the *NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York*.

3.2.4.4 Ambient Air Sampling

Ambient air samples will be collected in the same manner as the indoor air samples. The outdoor air sample will be collected using a Summa™ canister (6-Liter capacity) equipped with a critical orifice flow regulation device sized to allow an air sample to be collected over a 24-hour sampling period. The sampling canister will be located upwind of the structure and will be placed approximately three to five feet off the ground.

3.2.4.5 Sample Canister Deployment and Retrieval

For all soil vapor, sub-slab soil vapor, and indoor and outdoor air sampling described above, sample canisters will be deployed and retrieved as described below:

- Air sample canisters will be labeled with a unique sample designation number. The sample number and location will be recorded on the field log.
- The canister vacuum will be measured using an integrated vacuum gauge immediately prior to canister deployment and recorded on the field log. The critical orifice flow controller will be installed, as supplied by the laboratory, on the canister; the canister will be opened fully at the beginning of sample collection period; and the start time will be recorded.
- The canister vacuum will be measured and recorded immediately prior to canister retrieval at the end of the sample period. Once the vacuum is measured, the canister valve will be closed fully at the end of the sample period by disconnecting the regulator from the canister and the end time will be recorded.
- The canisters will be returned to their sampling boxes for safe storage and shipping. Field data will be verified as correctly entered into field books prior to shipment and the canisters will be shipped to the laboratory under a chain-of-custody.

- Each sample will be analyzed for VOCs via USEPA Compendium Method TO-15. Five indoor air compounds (trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, and vinyl chloride) will be analyzed using USEPA Method TO-15 Select Ion Monitoring (SIM) to achieve low level laboratory reporting limits of 0.20 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) or less.

3.3 General Decontamination

The following procedures will be performed for the decontamination of exploration equipment, sampling equipment, and personnel after each drilling/sampling event:

- Drill rig, backhoe, and excavator – The drill rig, direct-push rig, backhoe, and/or excavator will be cleaned prior to their entrance and exit of the site. Greases and oils will not be used on any down hole equipment during drilling or exploration activities.
- Exploration equipment – To avoid cross contamination, use of a PID meter and cleaning between each sampling site will be employed on backhoe arms, buckets, hollow stem augers, casing drill rods, down-hole tools, and appurtenant equipment.
- Split spoon sampler – The split spoon sampler will be scrubbed, cleaned, and put through a series of rinses between each sampling event. A number of split spoon samplers will be used so that one can be utilized for sampling while the others are being cleaned.
- Reusable equipment – The following steps will be employed to decontaminate reusable equipment:
 - Rinse equipment of soil or foreign material with potable water;
 - Immerse and scrub equipment with bio-degradable phosphate-free detergent and potable water;
 - Immerse and scrub in a potable water rinse without detergent;
 - Immerse and scrub in deionized/distilled water;
 - Saturate by spraying or immersion in laboratory-grade hexane;
 - Air dry and wrap cleaned equipment in foil to carry to next monitoring site to prevent contamination of equipment during transfer; and
 - The decontamination wash and rinse water will not be considered hazardous unless visual inspection or monitoring by the PID and other equipment indicate that contaminants may be present. The rinse waters can be discharged on-site if they are not contaminated. If contaminants are expected to be present, the rinsate waters should be placed in 55 gallon drums and stored on-site.
- Disposable equipment – The following steps will be employed to decontaminate disposable equipment:
 - Rinse with potable water;
 - Remove all standing liquid from the piece of equipment;
 - Dispose of the equipment in a dedicated container for contaminated solids; and

- Dispose of rinse water in 55 gallon drums if contaminants are found to be present.
- Sample containers – Upon filling and capping sample bottles, the outside of the bottle will be wiped off with a clean paper towel. These towels will be disposed of in a dedicated container for contaminated solids.
- Personnel decontamination – The following procedures will be used to decontaminate sampling personnel.
 - After each sampling event chemical resistant gloves will be disposed of in a dedicated container for contaminated solids;
 - At the end of each sampling day, Tyvek™ coveralls will be disposed of in a dedicated container for contaminated solids;
 - Boots will be rinsed off with water to remove mud, clay, or any other contaminants; and
 - Personnel will be required to follow procedures outlined in the HASP.
- Special Considerations for PFAS – The following procedures will be used when sampling for PFAS.
 - Clothing that contains PTFE material, including Gore-Tex or that have been water-proofed with PFAS materials should be avoided. All clothing worn by sampling personnel should first be laundered multiple times. Acceptable rain gear includes PVC, polyurethane, or rubber. If such materials are required because site conditions warrant additional protection for samplers, their use will be documented in the field notes.
 - Decontamination water shall be verified in advance to be PFAS-free through laboratory analysis or certification. Previous results of non-detect for PFAS are acceptable.

4.0 SAMPLE MANAGEMENT PLAN

4.1 Sample Management

This Sample Management Plan provides procedures to document and track samples and results obtained during this work effort. A series of pre-printed forms with the appropriate information serves as a vehicle for documentation and tracking.

In order to accomplish this task, the documentation materials will include sample labels, sample characterization and Chain-of-Custody sheets, daily field reports, and a sample log.

- Sample Label – A sample label will be completed for each sample obtained and will be affixed to the sample container. The label is configured in a way to address various types of mediums. Information on the label includes, at a minimum, client name, location, sample description, sample number, date, time, grab sample, composite sample, notes, and sampler's name.
- Sample Characterization & Chain-of-Custody Sheet – All pertinent field information will be entered onto the sample characterization and chain-of-custody sheets including client name, sample ID, sample description, location of sample, sampling method, number of containers, container type, analysis required, and preservation. The monitoring well form has space allotted for entering information regarding the well including depth to water, well volume, sample pH, temperature, color, etc. The Chain-of-Custody section of the form will document the sample's pathway of sample shipment which will include names of persons delivering/receiving, dates, and times. The reverse side of this form will be used by the laboratory to document analysis performed on the sample. Copies of the completed forms will be retained by the Engineer and the analytical laboratory. The original sample characterization and Chain-of-Custody sheets will be submitted in the Remedial Investigation report along with the laboratory results.
- Daily Field Reports – Daily activities will be recorded on the Inspection Report form. The purpose of this form will be to summarize the work performed on the site each day. The completed forms will be submitted to the Project Manager on a daily basis for short term site activity and on a weekly basis for site activities of a longer duration.
- Sample Log – The sample log will be utilized to track each individual sample obtained at the site. The upper portion, "Field Identification" will be completed the day the sample is taken. The form will accompany the sample characterization and Chain-of-Custody form to the laboratory. Personnel at the laboratory will complete the middle section of this form and return it to the Engineer, who will use the document to track incoming results. The bottom of the sheet has space allocated to enter "Recommended Actions" based on laboratory results.

4.2 Sample Handling

Each collected sample will be dispensed into the appropriate sample containers for the type of analysis to be performed. Sampling staff will wear nitrile gloves at all times when handling samples. Appropriate sample preservatives will be added to the sample containers by the contracted analytical laboratory prior to the delivery into the field, except in cases where the sample preservative must be added after sample collection. All samples that require cool storage will be immediately placed in coolers with appropriate packaging materials so as to protect the breakage of sample containers during shipment. The sample coolers will be filled with cubed ice (no "Blue Ice") prior to leaving the sample collection location. In the instance that a local analytical laboratory is contracted, the samples will be hand delivered to the laboratory each sampling day. The chain-of-custody forms will be signed by the laboratory personnel picking up the samples and placed within the coolers. In the instance that an analytical laboratory is contracted which is not based locally and a common carrier is used for sample shipment, the chain-of-custody forms will be signed by the sampler and the carrier personnel and placed inside of the coolers. Careful packaging techniques will be used to prevent sample containers from breakage during shipment. Materials such as cardboard, foam wrap, or Styrofoam may be used as packaging materials. All samples will be delivered to the contracted analytical laboratory on the day they were collected and will be received by the laboratory within 24 hours of sample collection. The samples will be collected with sufficient time allowed at the end of the day for the analytical laboratory to properly process the sample chain-of-custody.

Appendices

Appendix A

Supporting Documentation for PFAS Analysis



Department of
Environmental
Conservation

SAMPLING, ANALYSIS, AND ASSESSMENT OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)

Under NYSDEC's Part 375 Remedial Programs

April 2023



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ERRATA SHEET for

**SAMPLING, ANALYSIS, AND ASSESSMENT OF PER- AND POLYFLUOROALKYL SUBSTANCES
(PFAS) Under NYSDEC's Part 375 Remedial Programs Issued January 17, 2020**

Citation and Page Number	Current Text	Corrected Text	Date
Title of Appendix I, page 32	Appendix H	Appendix I	2/25/2020
Document Cover, page 1	Guidelines for Sampling and Analysis of PFAS	Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs	9/15/2020
Data Assessment and Application to Site Cleanup Page 3	Until such time as Ambient Water Quality Standards (AWQS) and Soil Cleanup Objectives (SCOs) for PFOA and PFOS are published	Until such time as Soil Cleanup Objectives (SCOs) for PFOA and PFOS are published	3/28/2023
Water Sample Results Page 3	PFOA and PFOS should be further assessed and considered as potential contaminants of concern in groundwater or surface water if PFOA or PFOS is detected in any water sample at or above 10 ng/L (ppt) and is determined to be attributable to the site, either by a comparison of upgradient and downgradient levels, or the presence of soil source areas, as defined below.	NYSDEC has adopted ambient water quality guidance values for PFOA and PFOS. Groundwater samples should be compared to the human health criteria of 6.7 ng/l (ppt) for PFOA and 2.7 ng/l (ppt) for PFOS. These guidance values also include criteria for surface water for PFOS applicable for aquatic life, which may be applicable at some sites. Drinking water sample results should be compared to the NYS maximum contaminant level (MCL) of 10 ng/l (ppt). Analysis to determine if PFOA and PFOS concentrations are attributable to the site should include a comparison between upgradient and downgradient levels, and the presence of soil source areas, as defined below.	3/28/2023
Soil Sample Results Page 3	Soil cleanup objectives for PFOA and PFOS have been proposed in an upcoming revision to 6 NYCRR Part 375-6. Until SCOs are in effect, the following are to be used as guidance values:	NYSDEC will delay adding soil cleanup objectives for PFOA and PFOS to 6 NYCRR Part 375-6 until the PFAS rural soil background study has been completed. Until SCOs are in effect, the following are to be used as guidance values:	3/28/2023
Protection of Groundwater Page 3	PFOA (ppb) 1.1 PFOS (ppb) 3.7	PFOA (ppb) 0.8 PFOS (ppb) 1.0	3/28/2023

Citation and Page Number	Current Text	Corrected Text	Date
Footnote 2 Page 3	The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, DEC has calculated the guidance value for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).	The Protection of Groundwater values are based on the above referenced ambient groundwater guidance values. Details on that calculation are available in the following document, prepared for the February 2022 proposed changes to Part 375 (https://www.dec.ny.gov/docs/remediation_hudson_pdf/part375techsupport.pdf). The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, DEC has calculated the guidance value for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).	3/28/2023
Testing for Imported Soil Page 4	If the concentrations of PFOA and PFOS in leachate are at or above 10 ppt (the Maximum Contaminant Levels established for drinking water by the New York State Department of Health), then the soil is not acceptable.	If the concentrations of PFOA and PFOS in leachate are at or above the ambient water quality guidance values for groundwater, then the soil is not acceptable.	3/28/2023
Routine Analysis, page 9	“However, laboratories analyzing environmental samples...PFOA and PFOS in drinking water by EPA Method 537, 537.1 or ISO 25101.”	“However, laboratories analyzing environmental samples...PFOA and PFOS in drinking water by EPA Method 537, 537.1, ISO 25101, or Method 533.”	9/15/2020
Additional Analysis, page 9, new paragraph regarding soil parameters	None	“In cases where site-specific cleanup objectives for PFOA and PFOS are to be assessed, soil parameters, such as Total Organic Carbon (EPA Method 9060), soil pH (EPA Method 9045), clay content (percent), and cation exchange capacity (EPA Method 9081), should be included in the analysis to help evaluate factors affecting the leachability of PFAS in site soils.”	9/15/2020

Citation and Page Number	Current Text	Corrected Text	Date
Data Assessment and Application to Site Cleanup Page 10	Until such time as Ambient Water Quality Standards (AWQS) and Soil Cleanup Objectives (SCOs) for PFAS are published, the extent of contaminated media potentially subject to remediation should be determined on a case-by-case basis using the procedures discussed below and the criteria in DER-10. Target levels for cleanup of PFAS in other media, including biota and sediment, have not yet been established by the DEC.	Until such time as Ambient Water Quality Standards (AWQS) and Soil Cleanup Objectives (SCOs) for PFOA and PFOS are published, the extent of contaminated media potentially subject to remediation should be determined on a case-by-case basis using the procedures discussed below and the criteria in DER-10. Preliminary target levels for cleanup of PFOA and PFOS in other media, including biota and sediment, have not yet been established by the DEC.	9/15/2020
Water Sample Results Page 10	<p>PFAS should be further assessed and considered as a potential contaminant of concern in groundwater or surface water (...)</p> <p>If PFAS are identified as a contaminant of concern for a site, they should be assessed as part of the remedy selection process in accordance with Part 375 and DER-10.</p>	<p>PFOA and PFOS should be further assessed and considered as potential contaminants of concern in groundwater or surface water (...)</p> <p>If PFOA and/or PFOS are identified as contaminants of concern for a site, they should be assessed as part of the remedy selection process in accordance with Part 375 and DER-10.</p>	9/15/2020

Citation and Page Number	Current Text	Corrected Text	Date
Soil Sample Results, page 10	<p>“The extent of soil contamination for purposes of delineation and remedy selection should be determined by having certain soil samples tested by Synthetic Precipitation Leaching Procedure (SPLP) and the leachate analyzed for PFAS. Soil exhibiting SPLP results above 70 ppt for either PFOA or PFOS (individually or combined) are to be evaluated during the cleanup phase.”</p>	<p>“Soil cleanup objectives for PFOA and PFOS will be proposed in an upcoming revision to 6 NYCRR Part 375-6. Until SCOs are in effect, the following are to be used as guidance values. “</p> <p>[Interim SCO Table]</p> <p>“PFOA and PFOS results for soil are to be compared against the guidance values listed above. These guidance values are to be used in determining whether PFOA and PFOS are contaminants of concern for the site and for determining remedial action objectives and cleanup requirements. Site-specific remedial objectives for protection of groundwater can also be presented for evaluation by DEC. Development of site-specific remedial objectives for protection of groundwater will require analysis of additional soil parameters relating to leachability. These additional analyses can include any or all the parameters listed above (soil pH, cation exchange capacity, etc.) and/or use of SPLP.</p> <p>As the understanding of PFAS transport improves, DEC welcomes proposals for site-specific remedial objectives for protection of groundwater. DEC will expect that those may be dependent on additional factors including soil pH, aqueous pH, % organic carbon, % Sand/Silt/Clay, soil cations: K, Ca, Mg, Na, Fe, Al, cation exchange capacity, and anion exchange capacity. Site-specific remedial objectives should also consider the dilution attenuation factor (DAF). The NJDEP publication on DAF can be used as a reference:</p> <p>https://www.nj.gov/dep/srp/guidance/rs/daf.pdf. ”</p>	9/15/2020

Citation and Page Number	Current Text	Corrected Text	Date
Testing for Imported Soil Page 11	<p>Soil imported to a site for use in a soil cap, soil cover, or as backfill is to be tested for PFAS in general conformance with DER-10, Section 5.4(e) for the PFAS Analyte List (Appendix F) using the analytical procedures discussed below and the criteria in DER-10 associated with SVOCs.</p> <p>If PFOA or PFOS is detected in any sample at or above 1 µg/kg, then soil should be tested by SPLP and the leachate analyzed for PFAS. If the SPLP results exceed 10 ppt for either PFOA or PFOS (individually) then the source of backfill should be rejected, unless a site-specific exemption is provided by DER. SPLP leachate criteria is based on the Maximum Contaminant Levels proposed for drinking water by New York State's Department of Health, this value may be updated based on future Federal or State promulgated regulatory standards. Remedial parties have the option of analyzing samples concurrently for both PFAS in soil and in the SPLP leachate to minimize project delays. Category B deliverables should be submitted for backfill samples, though a DUSR is not required.</p>	<p>Testing for PFAS should be included any time a full TAL/TCL analyte list is required. Results for PFOA and PFOS should be compared to the applicable guidance values. If PFOA or PFOS is detected in any sample at or above the guidance values then the source of backfill should be rejected, unless a site-specific exemption is provided by DER based on SPLP testing, for example. If the concentrations of PFOA and PFOS in leachate are at or above 10 ppt (the Maximum Contaminant Levels established for drinking water by the New York State Department of Health), then the soil is not acceptable.</p> <p>PFOA, PFOS and 1,4-dioxane are all considered semi-volatile compounds, so composite samples are appropriate for these compounds when sampling in accordance with DER-10, Table 5.4(e)10. Category B deliverables should be submitted for backfill samples, though a DUSR is not required.</p>	9/15/2020

Citation and Page Number	Current Text	Corrected Text	Date
Footnotes	None	¹ TOP Assay analysis of highly contaminated samples, such as those from an AFFF (aqueous film-forming foam) site, can result in incomplete oxidation of the samples and an underestimation of the total perfluoroalkyl substances. ² The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, DEC has calculated the soil cleanup objective for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).	9/15/2020
Additional Analysis, page 9	In cases... soil parameters, such as Total Organic Carbon (EPA Method 9060), soil...	In cases... soil parameters, such as Total Organic Carbon (Lloyd Kahn), soil...	1/8/2021
Appendix A, General Guidelines, fourth bullet	List the ELAP-approved lab(s) to be used for analysis of samples	List the ELAP- certified lab(s) to be used for analysis of samples	1/8/2021
Appendix E, Laboratory Analysis and Containers	Drinking water samples collected using this protocol are intended to be analyzed for PFAS by ISO Method 25101.	Drinking water samples collected using this protocol are intended to be analyzed for PFAS by EPA Method 537, 537.1, 533, or ISO Method 25101	1/8/2021
Water Sample Results Page 9	<p>“In addition, further assessment of water may be warranted if either of the following screening levels are met:</p> <p>a. any other individual PFAS (not PFOA or PFOS) is detected in water at or above 100 ng/L; or</p> <p>b. total concentration of PFAS (including PFOA and PFOS) is detected in water at or above 500 ng/L”</p>	Deleted	6/15/2021

Citation and Page Number	Current Text	Corrected Text	Date
Routine Analysis, Page XX	Currently, New York State Department of Health's Environmental Laboratory Approval Program (ELAP)... criteria set forth in the DER's laboratory guidelines for PFAS in non-potable water and solids (Appendix H - Laboratory Guidelines for Analysis of PFAS in Non-Potable Water and Solids).	Deleted	5/31/2022
Analysis and Reporting, Page XX	As of October 2020, the United States Environmental Protection Agency (EPA) does not have a validated method for analysis of PFAS for media commonly analyzed under DER remedial programs (non-potable waters, solids). DER has developed the following guidelines to ensure consistency in analysis and reporting of PFAS.	Deleted	5/31/2022
Routine Analysis, Page XX	LC-MS/MS analysis for PFAS using methodologies based on EPA Method 537.1 is the procedure to use for environmental samples. Isotope dilution techniques should be utilized for the analysis of PFAS in all media.	EPA Method 1633 is the procedure to use for environmental samples.	
Soil Sample Results, Page XX	Soil cleanup objectives for PFOA and PFOS will be proposed in an upcoming revision to 6 NYCRR Part 375-6	Soil cleanup objectives for PFOA and PFOS have been proposed in an upcoming revision to 6 NYCRR Part 375-6	
Appendix A	"Include in the text... LC-MS/MS for PFAS using methodologies based on EPA Method 537.1"	"Include in the textEPA Method 1633"	
Appendix A	"Laboratory should have ELAP certification for PFOA and PFOS in drinking water by EPA Method 537, 537.1, EPA Method 533, or ISO 25101"	Deleted	
Appendix B	"Samples collected using this protocol are intended to be analyzed for PFAS using methodologies based on EPA Method 537.1"	"Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633"	

Citation and Page Number	Current Text	Corrected Text	Date
Appendix C	“Samples collected using this protocol are intended to be analyzed for PFAS using methodologies based on EPA Method 537.1”	“Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633”	
Appendix D	“Samples collected using this protocol are intended to be analyzed for PFAS using methodologies based on EPA Method 537.1”	“Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633”	
Appendix G		Updated to include all forty PFAS analytes in EPA Method 533	
Appendix H		Deleted	
Appendix I	Appendix I	Appendix H	
Appendix H	“These guidelines are intended to be used for the validation of PFAS analytical results for projects within the Division of Environmental Remediation (DER) as well as aid in the preparation of a data usability summary report.”	“These guidelines are intended to be used for the validation of PFAS using EPA Method 1633 for projects within the Division of Environmental Remediation (DER).”	
Appendix H	“The holding time is 14 days...”	“The holding time is 28 days...”	
Appendix H, Initial Calibration	“The initial calibration should contain a minimum of five standards for linear fit...”	“The initial calibration should contain a minimum of six standards for linear fit...”	
Appendix H, Initial Calibration	Linear fit calibration curves should have an R ² value greater than 0.990.	Deleted	
Appendix H, Initial Calibration Verification	Initial Calibration Verification Section	Deleted	
Appendix H	secondary Ion Monitoring Section	Deleted	
Appendix H	Branched and Linear Isomers Section	Deleted	

Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs

Objective

New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) performs or oversees sampling of environmental media and subsequent analysis of PFAS as part of remedial programs implemented under 6 NYCRR Part 375. To ensure consistency in sampling, analysis, reporting, and assessment of PFAS, DER has developed this document which summarizes currently accepted procedures and updates previous DER technical guidance pertaining to PFAS.

Applicability

All work plans submitted to DEC pursuant to one of the remedial programs under Part 375 shall include PFAS sampling and analysis procedures that conform to the guidelines provided herein.

As part of a site investigation or remedial action compliance program, whenever samples of potentially affected media are collected and analyzed for the standard Target Analyte List/Target Compound List (TAL/TCL), PFAS analysis should also be performed. Potentially affected media can include soil, groundwater, surface water, and sediment. Based upon the potential for biota to be affected, biota sampling and analysis for PFAS may also be warranted as determined pursuant to a Fish and Wildlife Impact Analysis. Soil vapor sampling for PFAS is not required.

Field Sampling Procedures

DER-10 specifies technical guidance applicable to DER's remedial programs. Given the prevalence and use of PFAS, DER has developed "best management practices" specific to sampling for PFAS. As specified in DER-10 Chapter 2, quality assurance procedures are to be submitted with investigation work plans. Typically, these procedures are incorporated into a work plan, or submitted as a stand-alone document (e.g., a Quality Assurance Project Plan). Quality assurance guidelines for PFAS are listed in Appendix A - Quality Assurance Project Plan (QAPP) Guidelines for PFAS.

Field sampling for PFAS performed under DER remedial programs should follow the appropriate procedures outlined for soils, sediments, or other solids (Appendix B), non-potable groundwater (Appendix C), surface water (Appendix D), public or private water supply wells (Appendix E), and fish tissue (Appendix F).

QA/QC samples (e.g. duplicates, MS/MSD) should be collected as specified in DER-10, Section 2.3(c). For sampling equipment coming in contact with aqueous samples only, rinsate or equipment blanks should be collected. Equipment blanks should be collected at a minimum frequency of one per day per site or one per twenty samples, whichever is more frequent.

Analysis and Reporting

The investigation work plan should describe analysis and reporting procedures, including laboratory analytical procedures for the methods discussed below. As specified in DER-10 Section 2.2, laboratories should provide a full Category B deliverable. In addition, a Data Usability Summary Report (DUSR) should be prepared by an independent, third-party data validator. Electronic data submissions should meet the requirements provided at: <https://www.dec.ny.gov/chemical/62440.html>.

DER has developed a *PFAS Analyte List* (Appendix G) for remedial programs to understand the nature of contamination at sites. It is expected that reported results for PFAS will include, at a minimum, all the compounds listed. If lab and/or matrix specific issues are encountered for any analytes, the DER project manager, in consultation with the DER chemist, will make case-by-case decisions as to whether certain analytes may be temporarily or permanently discontinued from analysis at each site. As with other contaminants that are analyzed for at a site, the *PFAS Analyte List* may be refined for future sampling events based on investigative findings.

Routine Analysis

EPA Method 1633 is the procedure to use for environmental samples. Reporting limits for PFOA and PFOS in aqueous samples should not exceed 2 ng/L. Reporting limits for PFOA and PFOS in solid samples should not exceed 0.5 µg/kg. Reporting limits for all other PFAS in aqueous and solid media should be as close to these limits as possible. If laboratories indicate that they are not able to achieve these reporting limits for the entire *PFAS Analyte List*, site-specific decisions regarding acceptance of elevated reporting limits for specific PFAS can be made by the DER project manager in consultation with the DER chemist. Data review guidelines were developed by DER to ensure data comparability and usability (Appendix H - Data Review Guidelines for Analysis of PFAS in Non-Potable Water and Solids).

Additional Analysis

Additional laboratory methods for analysis of PFAS may be warranted at a site, such as the Synthetic Precipitation Leaching Procedure (SPLP) and Total Oxidizable Precursor Assay (TOP Assay).

In cases where site-specific cleanup objectives for PFOA and PFOS are to be assessed, soil parameters, such as Total Organic Carbon (Lloyd Kahn), soil pH (EPA Method 9045), clay content (percent), and cation exchange capacity (EPA Method 9081), should be included in the analysis to help evaluate factors affecting the leachability of PFAS in site soils.

SPLP is a technique used to determine the mobility of chemicals in liquids, soils and wastes, and may be useful in determining the need for addressing PFAS-containing material as part of the remedy. SPLP by EPA Method 1312 should be used unless otherwise specified by the DER project manager in consultation with the DER chemist.

Impacted materials can be made up of PFAS that are not analyzable by routine analytical methodology. A TOP Assay can be utilized to conceptualize the amount and type of oxidizable PFAS which could be liberated in the environment, which approximates the maximum concentration of perfluoroalkyl substances that could be generated if all polyfluoroalkyl substances were oxidized. For example, some polyfluoroalkyl substances may degrade or transform to form perfluoroalkyl substances (such as PFOA or PFOS), resulting in an increase in perfluoroalkyl substance concentrations as contaminated groundwater moves away from a source. The TOP Assay converts, through oxidation, polyfluoroalkyl substances (precursors) into perfluoroalkyl substances that can be detected by routine analytical methodology.¹

¹ TOP Assay analysis of highly contaminated samples, such as those from an AFFF (aqueous film-forming foam) site, can result in incomplete oxidation of the samples and an underestimation of the total perfluoroalkyl substances.

Commercial laboratories have adopted methods which allow for the quantification of targeted PFAS in air and biota. The EPA's Office of Research and Development (ORD) is currently developing methods which allow for air emissions characterization of PFAS, including both targeted and non-targeted analysis of PFAS. Consult with the DER project manager and the DER chemist for assistance on analyzing biota/tissue and air samples.

Data Assessment and Application to Site Cleanup

Until such time as Soil Cleanup Objectives (SCOs) for PFOA and PFOS are published, the extent of contaminated media potentially subject to remediation should be determined on a case-by-case basis using the procedures discussed below and the criteria in DER-10. Preliminary target levels for cleanup of PFOA and PFOS in other media, including biota and sediment, have not yet been established by the DEC.

Water Sample Results

NYSDEC has adopted ambient water quality guidance values for PFOA and PFOS. Groundwater samples should be compared to the human health criteria of 6.7 ng/l (ppt) for PFOA and 2.7 ng/l (ppt) for PFOS. These human health criteria should also be applied to surface water that is used as a water supply. This guidance also includes criteria for surface water for PFOS applicable for aquatic life, which may be applicable at some sites. Drinking water sample results should be compared to the NYS maximum contaminant level (MCL) of 10 ng/l (ppt). Analysis to determine if PFOA and PFOS concentrations are attributable to the site should include a comparison between upgradient and downgradient levels, and the presence of soil source areas, as defined below.

If PFOA and/or PFOS are identified as contaminants of concern for a site, they should be assessed as part of the remedy selection process in accordance with Part 375 and DER-10.

Soil Sample Results

NYSDEC will delay adding soil cleanup objectives for PFOA and PFOS to 6 NYCRR Part 375-6 until the PFAS rural soil background study has been completed. Until SCOs are in effect, the following are to be used as guidance values:

Guidance Values for Anticipated Site Use	PFOA (ppb)	PFOS (ppb)
Unrestricted	0.66	0.88
Residential	6.6	8.8
Restricted Residential	33	44
Commercial	500	440
Industrial	600	440
Protection of Groundwater ²	0.8	1.0

PFOA and PFOS results for soil are to be compared against the guidance values listed above. These guidance values are to be used in determining whether PFOA and PFOS are contaminants of concern for the site and for determining remedial action objectives and cleanup requirements. Site-specific remedial objectives for protection of groundwater can also be presented for evaluation by DEC. Development of site-specific remedial objectives for protection of groundwater will require analysis of additional soil parameters relating to leachability. These

² The Protection of Groundwater values are based on the above referenced ambient groundwater guidance values. Details on that calculation are available in the following document, prepared for the February 2022 proposed changes to Part 375 (https://www.dec.ny.gov/docs/remediation_hudson_pdf/part375techsupport.pdf). The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, DEC has calculated the guidance value for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).

additional analyses can include any or all the parameters listed above (soil pH, cation exchange capacity, etc.) and/or use of SPLP.

As the understanding of PFAS transport improves, DEC welcomes proposals for site-specific remedial objectives for protection of groundwater. DEC will expect that those may be dependent on additional factors including soil pH, aqueous pH, % organic carbon, % Sand/Silt/Clay, soil cations: K, Ca, Mg, Na, Fe, Al, cation exchange capacity, and anion exchange capacity. Site-specific remedial objectives should also consider the dilution attenuation factor (DAF). The NJDEP publication on DAF can be used as a reference:

<https://www.nj.gov/dep/srp/guidance/rs/daf.pdf>.

Testing for Imported Soil

Testing for PFAS should be included any time a full TAL/TCL analyte list is required. Results for PFOA and PFOS should be compared to the applicable guidance values. If PFOA or PFOS is detected in any sample at or above the guidance values then the source of backfill should be rejected, unless a site-specific exemption is provided by DER based on SPLP testing, for example. If the concentrations of PFOA and PFOS in leachate are at or above the ambient water quality guidance values for groundwater, then the soil is not acceptable.

PFOA, PFOS and 1,4-dioxane are all considered semi-volatile compounds, so composite samples are appropriate for these compounds when sampling in accordance with DER-10, Table 5.4(e)10. Category B deliverables should be submitted for backfill samples, though a DUSR is not required.

Appendix A - Quality Assurance Project Plan (QAPP) Guidelines for PFAS

The following guidelines (general and PFAS-specific) can be used to assist with the development of a QAPP for projects within DER involving sampling and analysis of PFAS.

General Guidelines in Accordance with DER-10

- Document/work plan section title – Quality Assurance Project Plan
- Summarize project scope, goals, and objectives
- Provide project organization including names and resumes of the project manager, Quality Assurance Officer (QAO), field staff, and Data Validator
 - The QAO should not have another position on the project, such as project or task manager, that involves project productivity or profitability as a job performance criterion
- List the ELAP certified lab(s) to be used for analysis of samples
- Include a site map showing sample locations
- Provide detailed sampling procedures for each matrix
- Include Data Quality Usability Objectives
- List equipment decontamination procedures
- Include an “Analytical Methods/Quality Assurance Summary Table” specifying:
 - Matrix type
 - Number or frequency of samples to be collected per matrix
 - Number of field and trip blanks per matrix
 - Analytical parameters to be measured per matrix
 - Analytical methods to be used per matrix with minimum reporting limits
 - Number and type of matrix spike and matrix spike duplicate samples to be collected
 - Number and type of duplicate samples to be collected
 - Sample preservation to be used per analytical method and sample matrix
 - Sample container volume and type to be used per analytical method and sample matrix
 - Sample holding time to be used per analytical method and sample matrix
- Specify Category B laboratory data deliverables and preparation of a DUSR

Specific Guidelines for PFAS

- Include in the text that sampling for PFAS will take place
- Include in the text that PFAS will be analyzed by EPA Method 1633
- Include the list of PFAS compounds to be analyzed (*PFAS Analyte List*)
- Include the laboratory SOP for PFAS analysis
- List the minimum method-achievable Reporting Limits for PFAS
 - Reporting Limits should be less than or equal to:
 - Aqueous – 2 ng/L (ppt)
 - Solids – 0.5 µg/kg (ppb)
- Include the laboratory Method Detection Limits for the PFAS compounds to be analyzed
- Include detailed sampling procedures
 - Precautions to be taken
 - Pump and equipment types
 - Decontamination procedures
 - Approved materials only to be used
- Specify that regular ice only will be used for sample shipment
- Specify that equipment blanks should be collected at a minimum frequency of 1 per day per site for each matrix

Appendix B - Sampling Protocols for PFAS in Soils, Sediments and Solids

General

The objective of this protocol is to give general guidelines for the collection of soil, sediment and other solid samples for PFAS analysis. The sampling procedure used should be consistent with Sampling Guidelines and Protocols – Technological Background and Quality Control/Quality Assurance for NYS DEC Spill Response Program – March 1991 (http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf), with the following limitations.

Laboratory Analysis and Containers

Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633.

The preferred material for containers is high density polyethylene (HDPE). Pre-cleaned sample containers, coolers, sample labels, and a chain of custody form will be provided by the laboratory.

Equipment

Acceptable materials for sampling include stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in to contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including sample bottle cap liners with a PTFE layer.

A list of acceptable equipment is provided below, but other equipment may be considered appropriate based on sampling conditions.

- stainless steel spoon
- stainless steel bowl
- steel hand auger or shovel without any coatings

Equipment Decontamination

Standard two step decontamination using detergent (Alconox is acceptable) and clean, PFAS-free water will be performed for sampling equipment. All sources of water used for equipment decontamination should be verified in advance to be PFAS-free through laboratory analysis or certification.

Sampling Techniques

Sampling is often conducted in areas where a vegetative turf has been established. In these cases, a pre-cleaned trowel or shovel should be used to carefully remove the turf so that it may be replaced at the conclusion of sampling. Surface soil samples (e.g. 0 to 6 inches below surface) should then be collected using a pre-cleaned, stainless steel spoon. Shallow subsurface soil samples (e.g. 6 to ~36 inches below surface) may be collected by digging a hole using a pre-cleaned hand auger or shovel. When the desired subsurface depth is reached, a pre-cleaned hand auger or spoon shall be used to obtain the sample.

When the sample is obtained, it should be deposited into a stainless steel bowl for mixing prior to filling the sample containers. The soil should be placed directly into the bowl and mixed thoroughly by rolling the material into the middle until the material is homogenized. At this point the material within the bowl can be placed into the laboratory provided container.

Sample Identification and Logging

A label shall be attached to each sample container with a unique identification. Each sample shall be included on the chain of custody (COC).

Quality Assurance/Quality Control

- Immediately place samples in a cooler maintained at $4 \pm 2^{\circ}$ Celsius using ice
- Collect one field duplicate for every sample batch, minimum 1 duplicate per 20 samples. The duplicate shall consist of an additional sample at a given location
- Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, minimum 1 MS/MSD per 20 samples. The MS/MSD shall consist of an additional two samples at a given location and identified on the COC
- Request appropriate data deliverable (Category B) and an electronic data deliverable

Documentation

A soil log or sample log shall document the location of the sample/borehole, depth of the sample, sampling equipment, duplicate sample, visual description of the material, and any other observations or notes determined to be appropriate. Additionally, care should be performed to limit contact with PFAS containing materials (e.g. waterproof field books, food packaging) during the sampling process.

Personal Protection Equipment (PPE)

For most sampling Level D PPE is anticipated to be appropriate. The sampler should wear nitrile gloves while conducting field work and handling sample containers.

Field staff shall consider the clothing to be worn during sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials should be avoided. All clothing worn by sampling personnel should have been laundered multiple times.

Appropriate rain gear (PVC, polyurethane, or rubber rain gear are acceptable), bug spray, and sunscreen should be used that does not contain PFAS. Well washed cotton coveralls may be used as an alternative to bug spray and/or sunscreen.

PPE that contains PFAS is acceptable when site conditions warrant additional protection for the samplers and no other materials can be used to be protective. Documentation of such use should be provided in the field notes.

Appendix C - Sampling Protocols for PFAS in Monitoring Wells

General

The objective of this protocol is to give general guidelines for the collection of groundwater samples for PFAS analysis. The sampling procedure used should be consistent with Sampling Guidelines and Protocols – Technological Background and Quality Control/Quality Assurance for NYS DEC Spill Response Program – March 1991 (http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf), with the following limitations.

Laboratory Analysis and Container

Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633.

The preferred material for containers is high density polyethylene (HDPE). Pre-cleaned sample containers, coolers, sample labels, and a chain of custody form will be provided by the laboratory.

Equipment

Acceptable materials for sampling include: stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including plumbers tape and sample bottle cap liners with a PTFE layer.

A list of acceptable equipment is provided below, but other equipment may be considered appropriate based on sampling conditions.

- stainless steel inertia pump with HDPE tubing
- peristaltic pump equipped with HDPE tubing and silicone tubing
- stainless steel bailer with stainless steel ball
- bladder pump (identified as PFAS-free) with HDPE tubing

Equipment Decontamination

Standard two step decontamination using detergent (Alconox is acceptable) and clean, PFAS-free water will be performed for sampling equipment. All sources of water used for equipment decontamination should be verified in advance to be PFAS-free through laboratory analysis or certification.

Sampling Techniques

Monitoring wells should be purged in accordance with the sampling procedure (standard/volume purge or low flow purge) identified in the site work plan, which will determine the appropriate time to collect the sample. If sampling using standard purge techniques, additional purging may be needed to reduce turbidity levels, so samples contain a limited amount of sediment within the sample containers. Sample containers that contain sediment may cause issues at the laboratory, which may result in elevated reporting limits and other issues during the sample preparation that can compromise data usability. Sampling personnel should don new nitrile gloves prior to sample collection due to the potential to contact PFAS containing items (not related to the sampling equipment) during the purging activities.

Sample Identification and Logging

A label shall be attached to each sample container with a unique identification. Each sample shall be included on the chain of custody (COC).

Quality Assurance/Quality Control

- Immediately place samples in a cooler maintained at $4 \pm 2^\circ$ Celsius using ice
- Collect one field duplicate for every sample batch, minimum 1 duplicate per 20 samples. The duplicate shall consist of an additional sample at a given location
- Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, minimum 1 MS/MSD per 20 samples. The MS/MSD shall consist of an additional two samples at a given location and identified on the COC
- Collect one equipment blank per day per site and minimum 1 equipment blank per 20 samples. The equipment blank shall test the new and decontaminated sampling equipment utilized to obtain a sample for residual PFAS contamination. This sample is obtained by using laboratory provided PFAS-free water and passing the water over or through the sampling device and into laboratory provided sample containers
- Additional equipment blank samples may be collected to assess other equipment that is utilized at the monitoring well
- Request appropriate data deliverable (Category B) and an electronic data deliverable

Documentation

A purge log shall document the location of the sample, sampling equipment, groundwater parameters, duplicate sample, visual description of the material, and any other observations or notes determined to be appropriate. Additionally, care should be performed to limit contact with PFAS containing materials (e.g. waterproof field books, food packaging) during the sampling process.

Personal Protection Equipment (PPE)

For most sampling Level D PPE is anticipated to be appropriate. The sampler should wear nitrile gloves while conducting field work and handling sample containers.

Field staff shall consider the clothing to be worn during sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials should be avoided. All clothing worn by sampling personnel should have been laundered multiple times.

Appropriate rain gear (PVC, polyurethane, or rubber rain gear are acceptable), bug spray, and sunscreen should be used that does not contain PFAS. Well washed cotton coveralls may be used as an alternative to bug spray and/or sunscreen.

PPE that contains PFAS is acceptable when site conditions warrant additional protection for the samplers and no other materials can be used to be protective. Documentation of such use should be provided in the field notes.

Appendix D - Sampling Protocols for PFAS in Surface Water

General

The objective of this protocol is to give general guidelines for the collection of surface water samples for PFAS analysis. The sampling procedure used should be consistent with Sampling Guidelines and Protocols – Technological Background and Quality Control/Quality Assurance for NYS DEC Spill Response Program – March 1991 (http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf), with the following limitations.

Laboratory Analysis and Container

Samples collected using this protocol are intended to be analyzed for PFAS using EPA Method 1633.

The preferred material for containers is high density polyethylene (HDPE). Pre-cleaned sample containers, coolers, sample labels, and a chain of custody form will be provided by the laboratory.

Equipment

Acceptable materials for sampling include: stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including sample bottle cap liners with a PTFE layer.

A list of acceptable equipment is provided below, but other equipment may be considered appropriate based on sampling conditions.

- stainless steel cup

Equipment Decontamination

Standard two step decontamination using detergent (Alconox is acceptable) and clean, PFAS-free water will be performed for sampling equipment. All sources of water used for equipment decontamination should be verified in advance to be PFAS-free through laboratory analysis or certification.

Sampling Techniques

Where conditions permit, (e.g. creek or pond) sampling devices (e.g. stainless steel cup) should be rinsed with site medium to be sampled prior to collection of the sample. At this point the sample can be collected and poured into the sample container.

If site conditions permit, samples can be collected directly into the laboratory container.

Sample Identification and Logging

A label shall be attached to each sample container with a unique identification. Each sample shall be included on the chain of custody (COC).

Quality Assurance/Quality Control

- Immediately place samples in a cooler maintained at $4 \pm 2^\circ$ Celsius using ice
- Collect one field duplicate for every sample batch, minimum 1 duplicate per 20 samples. The duplicate shall consist of an additional sample at a given location
- Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, minimum 1 MS/MSD per 20 samples. The MS/MSD shall consist of an additional two samples at a given location and identified on the COC
- Collect one equipment blank per day per site and minimum 1 equipment blank per 20 samples. The equipment blank shall test the new and decontaminated sampling equipment utilized to obtain a sample for residual PFAS contamination. This sample is obtained by using laboratory provided PFAS-free water and passing the water over or through the sampling device and into laboratory provided sample containers
- Request appropriate data deliverable (Category B) and an electronic data deliverable

Documentation

A sample log shall document the location of the sample, sampling equipment, duplicate sample, visual description of the material, and any other observations or notes determined to be appropriate. Additionally, care should be performed to limit contact with PFAS containing materials (e.g. waterproof field books, food packaging) during the sampling process.

Personal Protection Equipment (PPE)

For most sampling Level D PPE is anticipated to be appropriate. The sampler should wear nitrile gloves while conducting field work and handling sample containers.

Field staff shall consider the clothing to be worn during sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials should be avoided. All clothing worn by sampling personnel should have been laundered multiple times.

Appropriate rain gear (PVC, polyurethane, or rubber rain gear are acceptable), bug spray, and sunscreen should be used that does not contain PFAS. Well washed cotton coveralls may be used as an alternative to bug spray and/or sunscreen.

PPE that contains PFAS is acceptable when site conditions warrant additional protection for the samplers and no other materials can be used to be protective. Documentation of such use should be provided in the field notes.

Appendix E - Sampling Protocols for PFAS in Private Water Supply Wells

General

The objective of this protocol is to give general guidelines for the collection of water samples from private water supply wells (with a functioning pump) for PFAS analysis. The sampling procedure used should be consistent with Sampling Guidelines and Protocols – Technological Background and Quality Control/Quality Assurance for NYS DEC Spill Response Program – March 1991 (http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf), with the following limitations.

Laboratory Analysis and Container

Drinking water samples collected using this protocol are intended to be analyzed for PFAS by EPA Method 537, 537.1, 533, or ISO Method 25101. The preferred material for containers is high density polyethylene (HDPE). Pre-cleaned sample containers, coolers, sample labels, and a chain of custody form will be provided by the laboratory.

Equipment

Acceptable materials for sampling include stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by New York State Department of Environmental Conservation's Division of Environmental Remediation.

No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials (e.g. plumbers tape), including sample bottle cap liners with a PTFE layer.

Equipment Decontamination

Standard two step decontamination using detergent (Alconox is acceptable) and clean, PFAS-free water will be performed for sampling equipment. All sources of water used for equipment decontamination should be verified in advance to be PFAS-free through laboratory analysis or certification.

Sampling Techniques

Locate and assess the pressure tank and determine if any filter units are present within the building. Establish the sample location as close to the well pump as possible, which is typically the spigot at the pressure tank. Ensure sampling equipment is kept clean during sampling as access to the pressure tank spigot, which is likely located close to the ground, may be obstructed and may hinder sample collection.

Prior to sampling, a faucet downstream of the pressure tank (e.g., washroom sink) should be run until the well pump comes on and a decrease in water temperature is noted which indicates that the water is coming from the well. If the homeowner is amenable, staff should run the water longer to purge the well (15+ minutes) to provide a sample representative of the water in the formation rather than standing water in the well and piping system including the pressure tank. At this point a new pair of nitrile gloves should be donned and the sample can be collected from the sample point at the pressure tank.

Sample Identification and Logging

A label shall be attached to each sample container with a unique identification. Each sample shall be included on the chain of custody (COC).

Quality Assurance/Quality Control

- Immediately place samples in a cooler maintained at $4 \pm 2^\circ$ Celsius using ice
- Collect one field duplicate for every sample batch, minimum 1 duplicate per 20 samples. The duplicate shall consist of an additional sample at a given location
- Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, minimum 1 MS/MSD per 20 samples. The MS/MSD shall consist of an additional two samples at a given location and identified on the COC
- If equipment was used, collect one equipment blank per day per site and a minimum 1 equipment blank per 20 samples. The equipment blank shall test the new and decontaminated sampling equipment utilized to obtain a sample for residual PFAS contamination. This sample is obtained by using laboratory provided PFAS-free water and passing the water over or through the sampling device and into laboratory provided sample containers.
- A field reagent blank (FRB) should be collected at a rate of one per 20 samples. The lab will provide a FRB bottle containing PFAS free water and one empty FRB bottle. In the field, pour the water from the one bottle into the empty FRB bottle and label appropriately.
- Request appropriate data deliverable (Category B) and an electronic data deliverable
- For sampling events where multiple private wells (homes or sites) are to be sampled per day, it is acceptable to collect QC samples at a rate of one per 20 across multiple sites or days.

Documentation

A sample log shall document the location of the private well, sample point location, owner contact information, sampling equipment, purge duration, duplicate sample, visual description of the material, and any other observations or notes determined to be appropriate and available (e.g. well construction, pump type and location, yield, installation date). Additionally, care should be performed to limit contact with PFAS containing materials (e.g. waterproof field books, food packaging) during the sampling process.

Personal Protection Equipment (PPE)

For most sampling Level D PPE is anticipated to be appropriate. The sampler should wear nitrile gloves while conducting field work and handling sample containers.

Field staff shall consider the clothing to be worn during sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials should be avoided. All clothing worn by sampling personnel should have been laundered multiple times.

Appendix F - Sampling Protocols for PFAS in Fish

This appendix contains a copy of the current SOP developed by the Division of Fish and Wildlife (DFW) entitled “General Fish Handling Procedures for Contaminant Analysis” (Ver. 8). This SOP should be followed when collecting fish for contaminant analysis. Note, however, that the Bureau of Ecosystem Health will not be supplying bags or tags. All supplies are the responsibility of the collector

Procedure Name: General Fish Handling Procedures for Contaminant Analysis

Number: FW-005

Purpose: This procedure describes data collection, fish processing and delivery of fish collected for contaminant monitoring. It contains the chain of custody and collection record forms that should be used for the collections.

Organization: Environmental Monitoring Section
Bureau of Ecosystem Health
Division of Fish and Wildlife (DFW)
New York State Department of Environmental Conservation (NYSDEC)
625 Broadway
Albany, New York 12233-4756

Version: 8

Previous Version Date: 21 March 2018

Summary of Changes to this Version: Updated bureau name to Bureau of Ecosystem Health. Added direction to list the names of all field crew on the collection record. Minor formatting changes on chain of custody and collection records.

Originator or Revised by: Wayne Richter, Jesse Becker

Date: 26 April 2019

Quality Assurance Officer and Approval Date: Jesse Becker, 26 April 2019

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

GENERAL FISH HANDLING PROCEDURES FOR CONTAMINANT ANALYSES

- A. Original copies of all continuity of evidence (i.e., Chain of Custody) and collection record forms must accompany delivery of fish to the lab. A copy shall be directed to the Project Leader or as appropriate, Wayne Richter. All necessary forms will be supplied by the Bureau of Ecosystem Health. Because some samples may be used in legal cases, it is critical that each section is filled out completely. Each Chain of Custody form has three main sections:
1. The top box is to be filled out **and signed** by the person responsible for the fish collection (e.g., crew leader, field biologist, researcher). This person is responsible for delivery of the samples to DEC facilities or personnel (e.g., regional office or biologist).
 2. The second section is to be filled out **and signed** by the person responsible for the collections while being stored at DEC, before delivery to the analytical lab. This may be the same person as in (1), but it is still required that they complete the section. Also important is the **range of identification numbers** (i.e., tag numbers) included in the sample batch.
 3. Finally, the bottom box is to record any transfers between DEC personnel and facilities. Each subsequent transfer should be **identified, signed, and dated**, until laboratory personnel take possession of the fish.
- B. The following data are required on each **Fish Collection Record** form:
1. Project and Site Name.
 2. DEC Region.
 3. All personnel (and affiliation) involved in the collection.
 4. Method of collection (gill net, hook and line, etc.)
 5. Preservation Method.
- C. The following data are to be taken on each fish collected and recorded on the **Fish Collection Record** form:
1. Tag number - Each specimen is to be individually jaw tagged at time of collection with a unique number. Make sure the tag is turned out so that the number can be read without opening the bag. Use tags in sequential order. For small fish or composite samples place the tag inside the bag with the samples. The Bureau of Ecosystem Health can supply the tags.
 2. Species identification (please be explicit enough to enable assigning genus and species). Group fish by species when processing.
 3. Date collected.
 4. Sample location (waterway and nearest prominent identifiable landmark).
 5. Total length (nearest mm or smallest sub-unit on measuring instrument) and weight (nearest g or

smallest sub-unit of weight on weighing instrument). Take all measures as soon as possible with calibrated, protected instruments (e.g. from wind and upsets) and prior to freezing.

6. Sex - fish may be cut enough to allow sexing or other internal investigation, but do not eviscerate. Make any incision on the right side of the belly flap or exactly down the midline so that a left-side fillet can be removed.

D. General data collection recommendations:

1. It is helpful to use an ID or tag number that will be unique. It is best to use metal striped bass or other uniquely numbered metal tags. If uniquely numbered tags are unavailable, values based on the region, water body and year are likely to be unique: for example, R7CAY11001 for Region 7, Cayuga Lake, 2011, fish 1. If the fish are just numbered 1 through 20, we have to give them new numbers for our database, making it more difficult to trace your fish to their analytical results and creating an additional possibility for errors.
 2. Process and record fish of the same species sequentially. Recording mistakes are less likely when all fish from a species are processed together. Starting with the bigger fish species helps avoid missing an individual.
 3. If using Bureau of Ecosystem Health supplied tags or other numbered tags, use tags in sequence so that fish are recorded with sequential Tag Numbers. This makes data entry and login at the lab and use of the data in the future easier and reduces keypunch errors.
 4. Record length and weight as soon as possible after collection and before freezing. Other data are recorded in the field upon collection. An age determination of each fish is optional, but if done, it is recorded in the appropriate "Age" column.
 5. For composite samples of small fish, record the number of fish in the composite in the Remarks column. Record the length and weight of each individual in a composite. All fish in a composite sample should be of the same species and members of a composite should be visually matched for size.
 6. Please submit photocopies of topographic maps or good quality navigation charts indicating sampling locations. GPS coordinates can be entered in the Location column of the collection record form in addition to or instead for providing a map. These records are of immense help to us (and hopefully you) in providing documented location records which are not dependent on memory and/or the same collection crew. In addition, they may be helpful for contaminant source trackdown and remediation/control efforts of the Department.
 7. When recording data on fish measurements, it will help to ensure correct data recording for the data recorder to call back the numbers to the person making the measurements.
- E. Each fish is to be placed in its own individual plastic bag. For small fish to be analyzed as a composite, put all of the fish for one composite in the same bag but use a separate bag for each composite. It is important to individually bag the fish to avoid difficulties or cross contamination when processing the fish for chemical analysis. Be sure to include the fish's tag number inside the bag, preferably attached to the fish with the tag number turned out so it can be read. Tie or otherwise secure the bag closed. **The Bureau of Ecosystem Health will supply the bags.** If necessary, food grade bags may be procured from a suitable vendor (e.g., grocery store). It is preferable to redundantly label each bag with a manila tag tied between the knot and the body of the bag. This tag should be labeled with the project name, collection location, tag number, collection date, and fish species. If scales are collected, the scale envelope should be labeled with

the same information.

- F. Groups of fish, by species, are to be placed in one large plastic bag per sampling location. **The Bureau of Ecosystem Health will supply the larger bags.** Tie or otherwise secure the bag closed. Label the site bag with a manila tag tied between the knot and the body of the bag. The tag should contain: project, collection location, collection date, species and **tag number ranges**. Having this information on the manila tag enables lab staff to know what is in the bag without opening it.
- G. Do not eviscerate, fillet or otherwise dissect the fish unless specifically asked to. If evisceration or dissection is specified, the fish must be cut along the exact midline or on the right side so that the left side fillet can be removed intact at the laboratory. If filleting is specified, the procedure for taking a standard fillet (SOP PREPLAB 4) must be followed, including removing scales.
- H. Special procedures for PFAS: Unlike legacy contaminants such as PCBs, which are rarely found in day to day life, PFAS are widely used and frequently encountered. Practices that avoid sample contamination are therefore necessary. While no standard practices have been established for fish, procedures for water quality sampling can provide guidance. The following practices should be used for collections when fish are to be analyzed for PFAS:
 - No materials containing Teflon.
 - No Post-it notes.
 - No ice packs; only water ice or dry ice.
 - Any gloves worn must be powder free nitrile.
 - No Gore-Tex or similar materials (Gore-Tex is a PFC with PFOA used in its manufacture).
 - No stain repellent or waterproof treated clothing; these are likely to contain PFCs.
 - Avoid plastic materials, other than HDPE, including clipboards and waterproof notebooks.
 - Wash hands after handling any food containers or packages as these may contain PFCs.
 - Keep pre-wrapped food containers and wrappers isolated from fish handling.
 - Wear clothing washed at least six times since purchase.
 - Wear clothing washed without fabric softener.
 - Staff should avoid cosmetics, moisturizers, hand creams and similar products on the day of sampling as many of these products contain PFCs (Fujii et al. 2013). Sunscreen or insect repellent should not contain ingredients with “fluor” in their name. Apply any sunscreen or insect repellent well downwind from all materials. Hands must be washed after touching any of these products.
- I. All fish must be kept at a temperature <45° F (<8° C) immediately following data processing. As soon as possible, freeze at -20° C ± 5° C. Due to occasional freezer failures, daily freezer temperature logs are required. The freezer should be locked or otherwise secured to maintain chain of custody.
- J. In most cases, samples should be delivered to the Analytical Services Unit at the Hale Creek field station. Coordinate delivery with field station staff and send copies of the collection records, continuity of evidence forms and freezer temperature logs to the field station. For samples to be analyzed elsewhere, non-routine collections or other questions, contact Wayne Richter, Bureau of Ecosystem Health, NYSDEC, 625 Broadway, Albany, New York 12233-4756, 518-402-8974, or the project leader about sample transfer. Samples will then be directed to the analytical facility and personnel noted on specific project descriptions.
- K. A recommended equipment list is at the end of this document.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF FISH AND WILDLIFE
FISH COLLECTION RECORD

page _____ of _____

Project and Site Name _____ DEC Region _____

Collections made by (include all crew) _____

Sampling Method: ☐Electrofishing ☐Gill netting ☐Trap netting ☐Trawling ☐Seining ☐Angling ☐Other _____

Preservation Method: ☐Freezing ☐Other _____ Notes (SWFDB survey number): _____

FOR LAB USE ONLY- LAB ENTRY NO.	COLLECTION OR TAG NO.	SPECIES	DATE TAKEN	LOCATION	AGE	SEX &/OR REPROD. CONDIT	LENGTH ()	WEIGHT ()	REMARKS

richter: revised 2011, 5/7/15, 10/4/16, 3/20/17; becker: 3/23/17, 4/26/19

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION CHAIN OF CUSTODY

I, _____, of _____ collected the
(Print Name) (Print Business Address)

following on _____, 20____ from _____
(Date) (Water Body)

in the vicinity of _____
(Landmark, Village, Road, etc.)

Town of _____, in _____ County.

Item(s) _____

Said sample(s) were in my possession and handled according to standard procedures provided to me prior to collection. The sample(s) were placed in the custody of a representative of the New York State Department of Environmental Conservation on _____, 20____.

Signature Date

I, _____, received the above mentioned sample(s) on the date specified and assigned identification number(s) _____ to the sample(s). I have recorded pertinent data for the sample(s) on the attached collection records. The sample(s) remained in my custody until subsequently transferred, prepared or shipped at times and on dates as attested to below.

Signature Date

SECOND RECIPIENT (Print Name)	TIME & DATE	PURPOSE OF TRANSFER
SIGNATURE	UNIT	
THIRD RECIPIENT (Print Name)	TIME & DATE	PURPOSE OF TRANSFER
SIGNATURE	UNIT	
FOURTH RECIPIENT (Print Name)	TIME & DATE	PURPOSE OF TRANSFER
SIGNATURE	UNIT	
RECEIVED IN LABORATORY BY (Print Name)	TIME & DATE	REMARKS
SIGNATURE	UNIT	
LOGGED IN BY (Print Name)	TIME & DATE	ACCESSION NUMBERS
SIGNATURE	UNIT	

NOTICE OF WARRANTY

By signature to the chain of custody (reverse), the signatory warrants that the information provided is truthful and accurate to the best of his/her ability. The signatory affirms that he/she is willing to testify to those facts provided and the circumstances surrounding the same. Nothing in this warranty or chain of custody negates responsibility nor liability of the signatories for the truthfulness and accuracy of the statements provided.

HANDLING INSTRUCTIONS

On day of collection, collector(s) name(s), address(es), date, geographic location of capture (attach a copy of topographic map or navigation chart), species, number kept of each species, and description of capture vicinity (proper noun, if possible) along with name of Town and County must be indicated on reverse.

Retain organisms in manila tagged plastic bags to avoid mixing capture locations. Note appropriate information on each bag tag.

Keep samples as cool as possible. Put on ice if fish cannot be frozen within 12 hours. If fish are held more than 24 hours without freezing, they will not be retained or analyzed.

Initial recipient (either DEC or designated agent) of samples from collector(s) is responsible for obtaining and recording information on the collection record forms which will accompany the chain of custody. This person will seal the container using packing tape and writing his signature, the time and the date across the tape onto the container with indelible marker. Any time a seal is broken, for whatever purpose, the incident must be recorded on the Chain of Custody (reason, time, and date) in the purpose of transfer block. Container then is resealed using new tape and rewriting signature, with time and date.

EQUIPMENT LIST

Scale or balance of appropriate capacity for the fish to be collected.

Fish measuring board.

Plastic bags of an appropriate size for the fish to be collected and for site bags.

Individually numbered metal tags for fish.

Manila tags to label bags.

Small envelopes, approximately 2" x 3.5", if fish scales are to be collected.

Knife for removing scales.

Chain of custody and fish collection forms.

Clipboard.

Pens or markers.

Paper towels.

Dish soap and brush.

Bucket.

Cooler.

Ice.

Duct tape.

Appendix G – PFAS Analyte List

Group	Chemical Name	Abbreviation	CAS Number
Perfluoroalkyl sulfonic acids	Perfluorobutanesulfonic acid	PFBS	375-73-5
	Perfluoropentanesulfonic acid	PFPeS	2706-91-4
	Perfluorohexanesulfonic acid	PFHxS	355-46-4
	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorooctanesulfonic acid	PFOS	1763-23-1
	Perfluorononanesulfonic acid	PFNS	68259-12-1
	Perfluorodecanesulfonic acid	PFDS	335-77-3
	Perfluorododecanesulfonic acid	PFDoS	79780-39-5
Perfluoroalkyl carboxylic acids	Perfluorobutanoic acid	PFBA	375-22-4
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluoroheptanoic acid	PFHpA	375-85-9
	Perfluorooctanoic acid	PFOA	335-67-1
	Perfluorononanoic acid	PFNA	375-95-1
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluoroundecanoic acid	PFUnA	2058-94-8
	Perfluorododecanoic acid	PFDaA	307-55-1
	Perfluorotridecanoic acid	PFTTrDA	72629-94-8
	Perfluorotetradecanoic acid	PFTeDA	376-06-7
Per- and Polyfluoroether carboxylic acids	Hexafluoropropylene oxide dimer acid	HFPO-DA	13252-13-6
	4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4
	Perfluoro-3-methoxypropanoic acid	PFMPA	377-73-1
	Perfluoro-4-methoxybutanoic acid	PFMBA	863090-89-5
	Nonafluoro-3,6-dioxaheptanoic acid	NFDHA	151772-58-6
Fluorotelomer sulfonic acids	4:2 Fluorotelomer sulfonic acid	4:2-FTS	757124-72-4
	6:2 Fluorotelomer sulfonic acid	6:2-FTS	27619-97-2
	8:2 Fluorotelomer sulfonic acid	8:2-FTS	39108-34-4
Fluorotelomer carboxylic acids	3:3 Fluorotelomer carboxylic acid	3:3 FTCA	356-02-5
	5:3 Fluorotelomer carboxylic acid	5:3 FTCA	914637-49-3
	7:3 Fluorotelomer carboxylic acid	7:3 FTCA	812-70-4
Perfluorooctane sulfonamides	Perfluorooctane sulfonamide	PFOSA	754-91-6
	N-methylperfluorooctane sulfonamide	NMeFOSA	31506-32-8
	N-ethylperfluorooctane sulfonamide	NEtFOSA	4151-50-2
Perfluorooctane sulfonamidoacetic acids	N-methylperfluorooctane sulfonamidoacetic acid	N-MeFOSAA	2355-31-9
	N-ethylperfluorooctane sulfonamidoacetic acid	N-EtFOSAA	2991-50-6
Perfluorooctane sulfonamide ethanol	N-methylperfluorooctane sulfonamidoethanol	MeFOSE	24448-09-7
	N-ethylperfluorooctane sulfonamidoethanol	EtFOSE	1691-99-2

Group	Chemical Name	Abbreviation	CAS Number
Ether sulfonic acids	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major)	9Cl-PF3ONS	756426-58-1
	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor)	11Cl-PF3OUdS	763051-92-9
	Perfluoro(2-ethoxyethane) sulfonic acid	PFEESA	113507-82-7

Appendix H - Data Review Guidelines for Analysis of PFAS in Non-Potable Water and Solids

General

These guidelines are intended to be used for the validation of PFAS using EPA Method 1633 for projects within the Division of Environmental Remediation (DER). Data reviewers should understand the methodology and techniques utilized in the analysis. Consultation with the end user of the data may be necessary to assist in determining data usability based on the data quality objectives in the Quality Assurance Project Plan. A familiarity with the laboratory's Standard Operating Procedure may also be needed to fully evaluate the data. If you have any questions, please contact DER's Quality Assurance Officer, Dana Barbarossa, at dana.barbarossa@dec.ny.gov.

Preservation and Holding Time

Samples should be preserved with ice to a temperature of less than 6°C upon arrival at the lab. The holding time is 28 days to extraction for aqueous and solid samples. The time from extraction to analysis for aqueous samples is 28 days and 40 days for solids.

Temperature greatly exceeds 6°C upon arrival at the lab*	Use professional judgement to qualify detects and non-detects as estimated or rejected
Holding time exceeding 28 days to extraction	Use professional judgement to qualify detects and non-detects as estimated or rejected if holding time is grossly exceeded

*Samples that are delivered to the lab immediately after sampling may not meet the thermal preservation guidelines. Samples are considered acceptable if they arrive on ice or an attempt to chill the samples is observed.

Initial Calibration

The initial calibration should contain a minimum of six standards for linear fit and six standards for a quadratic fit. The relative standard deviation (RSD) for a quadratic fit calibration should be less than 20%.

The low-level calibration standard should be within 50% - 150% of the true value, and the mid-level calibration standard within 70% - 130% of the true value.

%RSD >20%	J flag detects and UJ non detects
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Continuing Calibration Verification

Continuing calibration verification (CCV) checks should be analyzed at a frequency of one per ten field samples. If CCV recovery is very low, where detection of the analyte could be in question, ensure a low level CCV was analyzed and use to determine data quality.

CCV recovery <70 or >130%	J flag results
---------------------------	----------------

Blanks

There should be no detections in the method blanks above the reporting limits. Equipment blanks, field blanks, rinse blanks etc. should be evaluated in the same manner as method blanks. Use the most contaminated blank to evaluate the sample results.

Blank Result	Sample Result	Qualification
Any detection	<Reporting limit	Qualify as ND at reporting limit
Any detection	>Reporting Limit and >10x the blank result	No qualification
>Reporting limit	>Reporting limit and <10x blank result	J+ biased high

Field Duplicates

A blind field duplicate should be collected at rate of one per twenty samples. The relative percent difference (RPD) should be less than 30% for analyte concentrations greater than two times the reporting limit. Use the higher result for final reporting.

RPD >30%	Apply J qualifier to parent sample
----------	------------------------------------

Lab Control Spike

Lab control spikes should be analyzed with each extraction batch or one for every twenty samples. In the absence of lab derived criteria, use 70% - 130% recovery criteria to evaluate the data.

Recovery <70% or >130% (lab derived criteria can also be used)	Apply J qualifier to detects and UJ qualifier to non detects
---	---

Matrix Spike/Matrix Spike Duplicate

One matrix spike and matrix spike duplicate should be collected at a rate of one per twenty samples. Use professional judgement to reject results based on out of control MS/MSD recoveries.

Recovery <70% or >130% (lab derived criteria can also be used)	Apply J qualifier to detects and UJ qualifier to non detects of parent sample only
RPD >30%	Apply J qualifier to detects and UJ qualifier to non detects of parent sample only

Extracted Internal Standards (Isotope Dilution Analytes)

Problematic analytes (e.g. PFBA, PFPeA, fluorotelomer sulfonates) can have wider recoveries without qualification. Qualify corresponding native compounds with a J flag if outside of the range.

Recovery <50% or >150%	Apply J qualifier
Recovery <25% or >150% for poor responding analytes	Apply J qualifier
Isotope Dilution Analyte (IDA) Recovery <10%	Reject results

Signal to Noise Ratio

The signal to noise ratio for the quantifier ion should be at least 3:1. If the ratio is less than 3:1, the peak is discernable from the baseline noise and symmetrical, the result can be reported. If the peak appears to be baseline noise and/or the shape is irregular, qualify the result as tentatively identified.

Reporting Limits

If project-specific reporting limits were not met, please indicate that in the report along with the reason (e.g. over dilution, dilution for non-target analytes, high sediment in aqueous samples).

Peak Integrations

Target analyte peaks should be integrated properly and consistently when compared to standards. Ensure branched isomer peaks are included for PFAS where standards are available. Inconsistencies should be brought to the attention of the laboratory or identified in the data review summary report.

Appendix B

NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name _____ Date/Time Prepared _____

Preparer's Affiliation _____ Phone No. _____

Purpose of Investigation _____

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ____)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors _____ Building age _____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**

Basement	<hr/>
1 st Floor	<hr/>
2 nd Floor	<hr/>
3 rd Floor	<hr/>
4 th Floor	<hr/>

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- | | |
|--|------------------------------------|
| a. Is there an attached garage? | Y / N |
| b. Does the garage have a separate heating unit? | Y / N / NA |
| c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) | Y / N / NA
Please specify <hr/> |
| d. Has the building ever had a fire? | Y / N When? <hr/> |
| e. Is a kerosene or unvented gas space heater present? | Y / N Where? <hr/> |
| f. Is there a workshop or hobby/craft area? | Y / N Where & Type? <hr/> |
| g. Is there smoking in the building? | Y / N How frequently? <hr/> |
| h. Have cleaning products been used recently? | Y / N When & Type? <hr/> |
| i. Have cosmetic products been used recently? | Y / N When & Type? <hr/> |

- j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____
- l. Have air fresheners been used recently? Y / N When & Type? _____
- m. Is there a kitchen exhaust fan? Y / N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? Y / N If yes, where vented? _____
- o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building?

Y / N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y / N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

No

Unknown

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____

Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

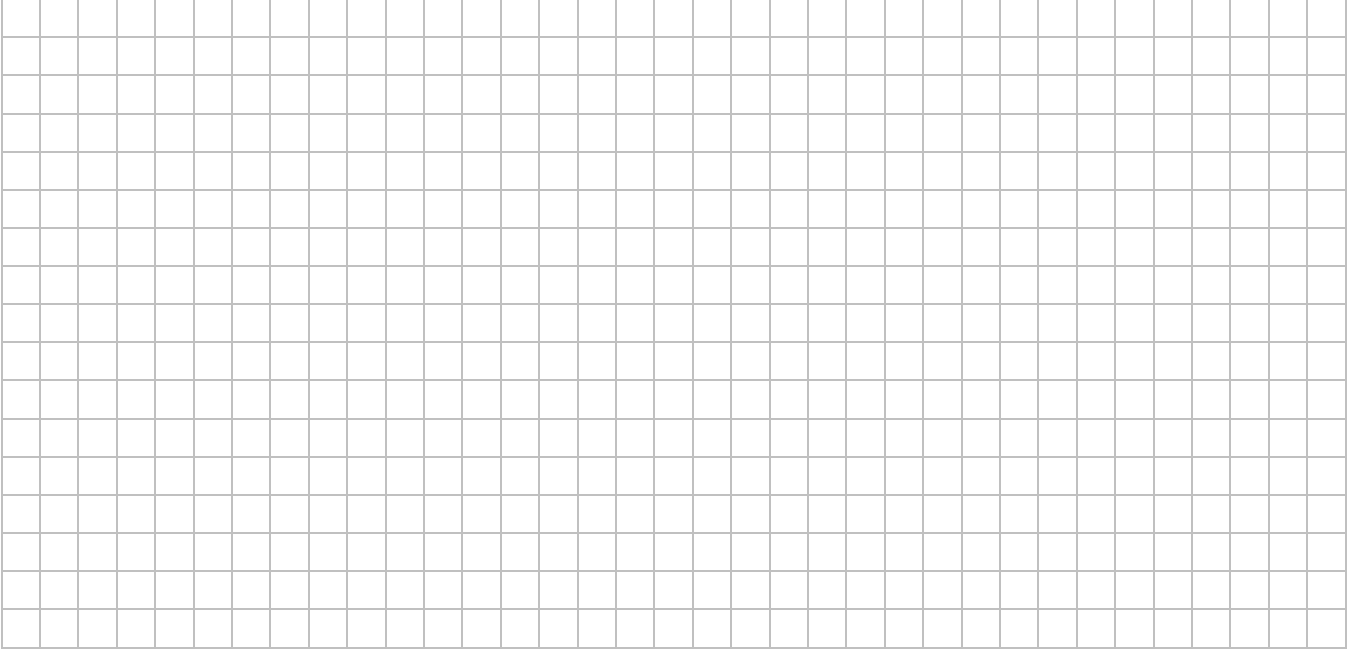
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

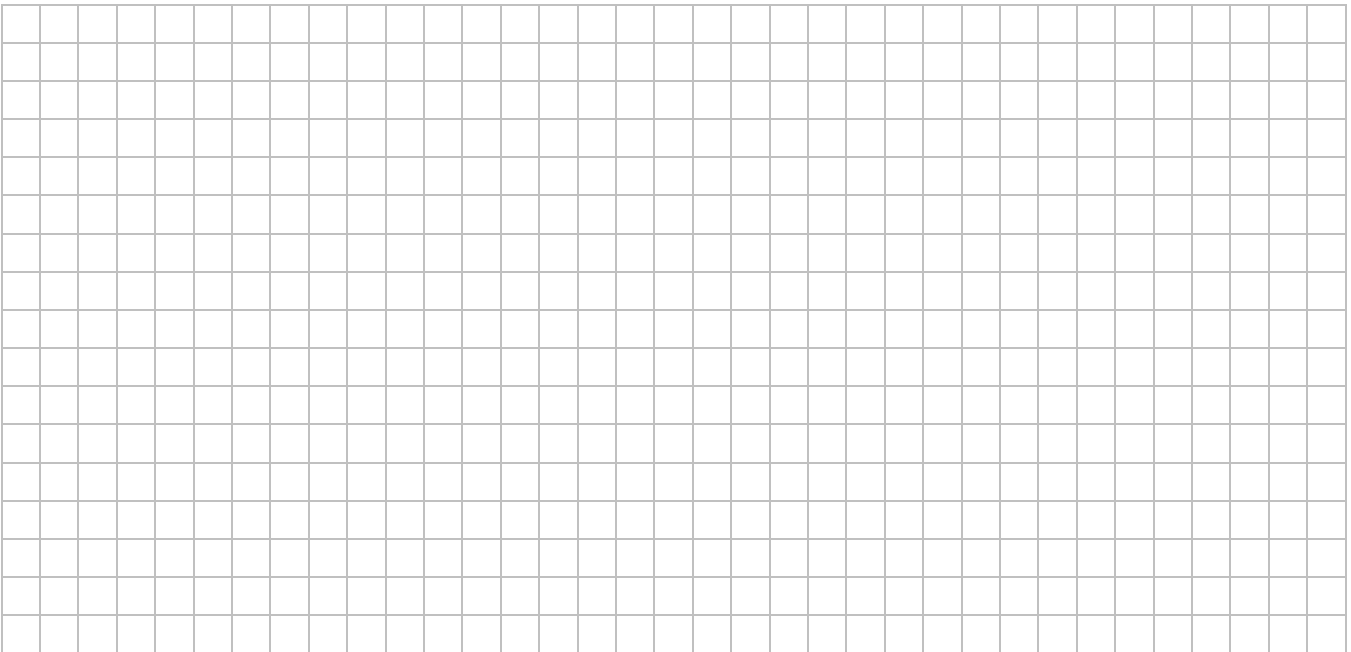
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



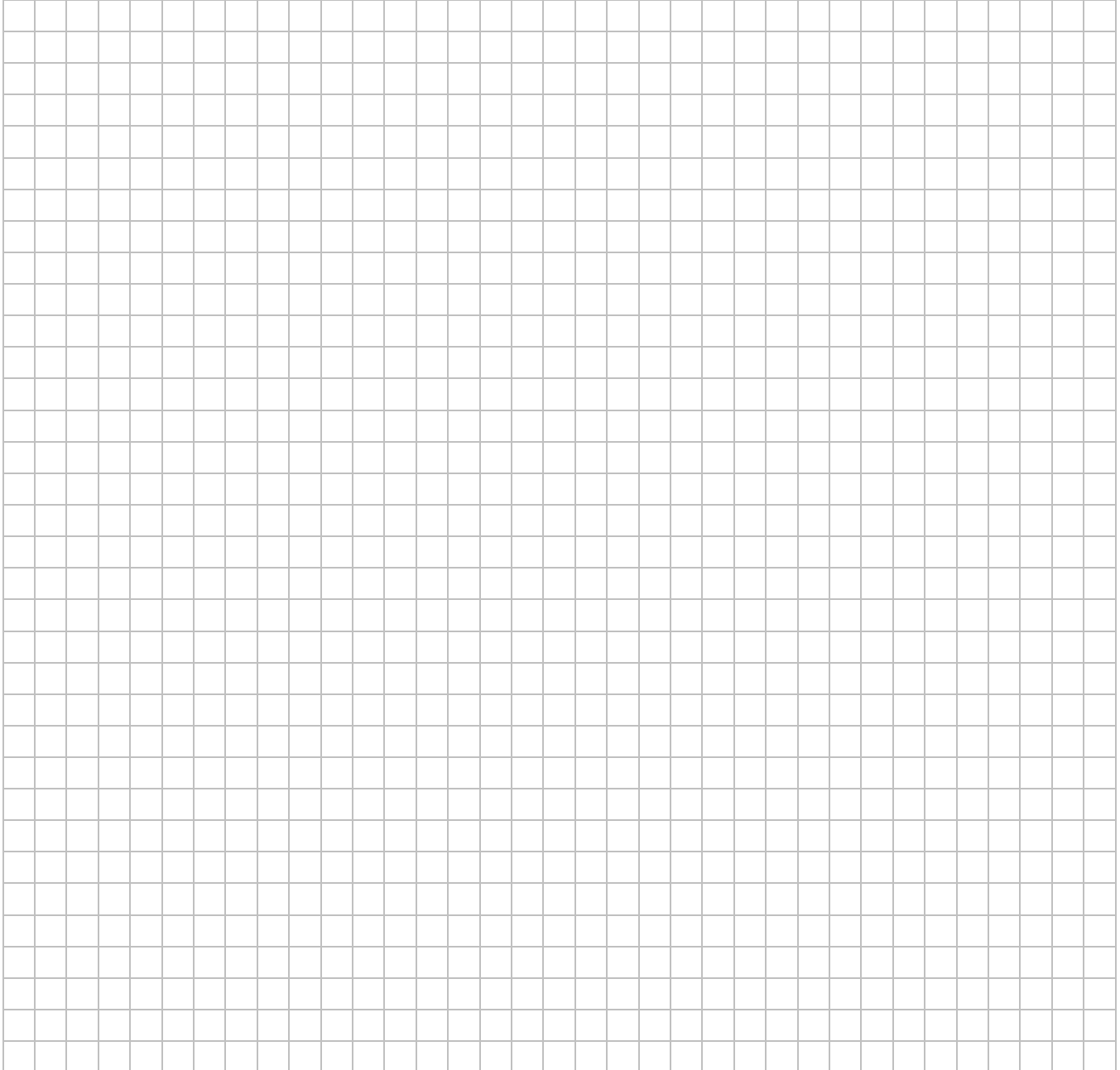
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

Appendix F

Data Usability Summary Report

Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2543652
October 8, 2025
Sampling date: 7/11/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2543652

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for C&S Engineers, project located at 160 Center St., Canastota, NY, SDG#L2543652 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Perfluorinated Hydrocarbons (EPA 1633), Inorganics/Mercury (6010D, 7471B) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	SS-101	L2543652-01
2	SS-102	L2543652-02
3	SS-103	L2543652-03
4	SS-104	L2543652-04
5	SS-106	L2543652-05
6	SS-107	L2543652-06
7	SS-108	L2543652-07
8	SS-109	L2543652-08
9	SS-110	L2543652-09
10	DUP-01	L2543652-10

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in the Internal Standard, Surrogate Spike Recoveries, Method Blank, Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

Samples: DUSR ID#1, #2 and #10 were reanalyzed due to surrogate recoveries being outside QC limits.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met except the area of all of the internal standards in DUSR ID#2R were outside QC limits, low. All target analytes detected in this sample should be qualified as estimated high.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 4-Bromofluorobenzene was outside QC limits, high in DUSR ID#1, #2, #4-10, #1R, #2R, #10R, #1MS/MSD and WG2095142-5. Target analytes in the table below should be qualified as estimated high in these samples, if detected.

1,1,1-Trichloroethane	cis-1,3-Dichloropropene	1,2-Dibromoethane
Cyclohexane	trans-1,3-Dichloropropene	Chlorobenzene
Carbon tetrachloride	4-Methyl-2-pentanone	Ethylbenzene
Benzene	Toluene	m&p-Xylene
Trichloroethylene	1,1,2-Trichlorethane	o-Xylene
Methylcyclohexane	Tetrachloroethene	Styrene
1,2-Dichloropropane	2-Hexanone	Isopropylbenzene
Bromodichloromethane	Dibromochloromethane	1,1,2,2-Tetrachloroethane

METHOD BLANK

All criteria were met except a target analyte was detected in the blanks and should be qualified

Old Erie Commons

SDG# L2543652

in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ug/kg)	Qualifier	Associated Sample
WG2094717	Styrene	.60	U at RL	1, 2, 4, 5, 7, 9, 10
WG2095142	Styrene	.60	U at RL	1R, 2R, 10R

A couple of target analytes were detected in the blanks but were not detected in the associated samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except Naphthalene was detected in DUSR ID#1 but was not detected in #10.

2-Butanone was detected in DUSR ID#10 but was not detected in #1.

Acetone, 2-Butanone, Naphthalene, Methyl acetate and 1,2,4-Trimethylbenzene were detected in DUSR ID#1R but was not detected in #10R.

LABORATORY CONTROL SAMPLES

All criteria were met except a couple of target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	%Rec LCS	%Rec LCSD	RPD	Qualifier	Associated Sample
WG2094717	Acetone	156	-	35	UJ/J	1, 2, 4-10
WG2094717	Trichlorofluoromethane	48	49	-	UJ	1, 2, 4-10
WG2095142	Trichlorofluoromethane	49	45	-	UJ	1R, 2R, 10R

Some target analytes were outside QC limits in the laboratory control sample or the laboratory control sample duplicate but not both, so no further action is required.

MS/MSD

All criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #1MS	%Rec #1MSD	RPD	Qualifier	Associated Sample
Tetrachloroethene	56	-	39	UJ	1, 1R, 10, 10R
Chlorobenzene	51	-	39	UJ	1, 1R, 10, 10R
Trichlorofluoromethane	43	49	-	UJ	1, 1R, 10, 10R
trans-1,3-Dichloropropene	51	-	37	UJ	1, 1R, 10, 10R
cis-1,3-Dichloropropene	53	-	34	UJ	1, 1R, 10, 10R
Bromoform	48	69	38	UJ	1, 1R, 10, 10R
1,1,2,2-Tetrachloroethane	64	-	31	UJ	1, 1R, 10, 10R
Toluene	-	-	28	UJ	1, 1R, 10, 10R
Ethylbenzene	56	-	38	UJ	1, 1R, 10, 10R

Old Erie Commons

SDG# L2543652

Target Analyte	%Rec #1MS	%Rec #1MSD	RPD	Qualifier	Associated Sample
Bromomethane	46	53	-	UJ	1, 1R, 10, 10R
Trichloroethene	58	-	31	UJ	1, 1R, 10, 10R
1,2-Dichlorobenzene	34	60	58	UJ	1, 1R, 10, 10R
1,3-Dichlorobenzene	35	61	58	UJ	1, 1R, 10, 10R
1,4-Dichlorobenzene	33	58	58	UJ	1, 1R, 10, 10R
m&p-Xylene	50	-	41	UJ	1, 1R, 10, 10R
o-Xylene	51	-	40	UJ	1, 1R, 10, 10R
Styrene	38	57	44	J	1, 1R, 10, 10R
2-Butanone	56	68	-	UJ/J	1, 1R, 10, 10R
2-Hexanone	66	-	-	UJ	1, 1R, 10, 10R
n-Butylbenzene	36	60	53	UJ	1, 1R, 10, 10R
sec-Butylbenzene	44	-	51	UJ	1, 1R, 10, 10R
tert-Butylbenzene	49	-	50	UJ	1, 1R, 10, 10R
1,2-Dibromo-3-chloropropane	49	-	39	UJ	1, 1R, 10, 10R
Isopropylbenzene	61	-	45	UJ	1, 1R, 10, 10R
p-Isopropyltoluene	41	68	53	J	1, 1R, 10, 10R
Naphthalene	24	38	48	UJ/J	1, 1R, 10, 10R
n-Propylbenzene	52	-	50	UJ	1, 1R, 10, 10R
1,2,4-Trichlorobenzene	17	33	66	UJ	1, 1R, 10, 10R
1,3,5-Trimethylbenzene	51	-	50	UJ	1, 1R, 10, 10R
1,2,4-Trimethylbenzene	48	-	52	UJ/J	1, 1R, 10, 10R
Methyl acetate	17	-	86	UJ/J	1, 1R, 10, 10R
Cyclohexane	-	-	38	J	1, 1R, 10, 10R
Methylcyclohexane	45	68	44	UJ	1, 1R, 10, 10R

Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except a target analyte was outside QC limits in the initial calibration (ICal) and/or the initial calibration verification (ICV) and should be qualified in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
VOA131	Bromodichloromethane	RRF	UJ/J	WG2094717, W2095142, 1, 1R, 2, 2R, 4-10, 10R, 1MS/MSD

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2094717-2	Chloroethane	33.2	UJ/J	WG2094717, 1, 2, 4-10, 1MS/MSD
WG2094717-2	Trichlorofluoromethane	51.6	UJ/J	WG2094717, 1, 2, 4-10, 1MS/MSD
WG2094717-2	Acetone	-55.7	UJ/J	WG2094717, 1, 2, 4-10, 1MS/MSD
WG2094717-2	Vinyl chloride	31.5	UJ/J	WG2094717, 1, 2, 4-10, 1MS/MSD
WG2094717-2	Bromomethane	41.1	UJ/J	WG2094717, 1, 2, 4-10, 1MS/MSD
WG2094717-2	Styrene	20.2	UJ/J	WG2094717, 1, 2, 4-10, 1MS/MSD
WG2094717-2	Bromodichloromethane	RRF	UJ/J	WG2094717, 1, 2, 4-10, 1MS/MSD
WG2095142-2	Trichlorofluoromethane	50.6	UJ/J	WG2095142, 1R, 2R, 10R
WG2095142-2	Bromodichloromethane	RRF	UJ/J	WG2095142, 1R, 2R, 10R
WG2095142-2	1,1,2-Trichloroethane	RRF	UJ/J	WG2095142, 1R, 2R, 10R
WG2095398-2	4-Methyl-2-pentanone	34.7	UJ/J	WG2095398, 3

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met except Di-n-butylphthalate was detected in DUSR ID#10 but was not detected in #1.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met.

Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except a couple of target analytes were outside QC limits in the continuing calibrations and should be qualified in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2093286-3	Phenol	23.4	UJ/J	WG2092849, 1-10, 1MS/MSD
WG2093286-3	Isophorone	20.1	UJ/J	WG2092849, 1-10, 1MS/MSD

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	RPD #1MS/MSD	Qualifier	Associated Sample
2,4-D	33	UJ	1, 10
2,4,5-TP	31	UJ	1, 10
2,4,5-T	33	UJ	1, 10

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met except a target analyte was outside QC limits in a continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2091710-1	2,4-D	35	UJ/J	WG2091049, 6, 7

Several target analytes were outside QC limits in the continuing calibrations off the confirmatory column. No further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples

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- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for several target analytes in the samples and should be qualified as estimated.

Target Analyte	Qualifier	Associated Sample
alpha-Chlordane	J	1, 10
4,4'-DDD	J	3
4,4'-DDE	J	3, 10
4,4'-DDT	J	8

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation

Old Erie Commons

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- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except a surrogate was outside QC limits in the samples and should be qualified as estimated.

Surrogate	Associated Target Analyte	Qualifier	Associated Sample
M2-8:2FTS	8:2FTS	UJ	3, 10

BLANKS

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except PFHxA was detected in DUSR ID#1 but was not detected in #10.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in a laboratory control sample and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	Qualifier	Associated Sample
WG2096904-2	PFTTrDA	138	JH	3, 8
WG2096904-3	PFTTrDA	148	JH	3, 8

The %Rec of some target analytes was outside QC limits, high in the laboratory control samples but was not detected in the associated samples, so no further action is required.

MS/MSD

All criteria were met except a target analyte was outside QC limits, high in the matrix spikes but was not detected in the associated samples, so no further action is required.

Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All the criteria were met except the ion ratio of several target analytes was outside QC limits in the samples and should be qualified as estimated.

Target Analyte	Qualifier	Associated Sample
PFTTrDA	J	3, 8
PFHxA	J	1
PFHxS	J	8

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met except a target analyte was outside QC limits in a continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%Rec	Qualifier	Associated Sample
WG2097370-1	PFTTrDA	154.2	UJ/J	WG2096904, 1, 3, 6-8, 10, 1MS/MSD

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate

Old Erie Commons

SDG# L2543652

- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, MS/MSD and Calibration.

Samples: DUSR ID#1-10 and #1MS/MSD were diluted in method 6010D.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except a couple of target analytes were detected in the blanks and should be qualified in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration(mg/L)	Qualifier	Associated Sample
R1992838-19	Pb	.00242	JH	7
R1992838-21	Se	.00549	U at RL	10
R1992838-23	Se	.00638	U at RL	10

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #1MS	%Rec #1MSD	Qualifier	Associated Sample
Sb	65	60	UJ	1, 10
As	133	166	JH	1, 10
Cu	35	70	J	1, 10
Ni	133	133	JH	1, 10
K	161	166	JH	1, 10

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of a target analyte was outside QC limits in a calibration. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%Rec	Qualifier	Associated Sample
R1992635-14	Ca	114	JH	6

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide
- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

CYANIDE

All criteria were met.

%SOLIDS

All criteria were met.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2543652
Report Date: 08/01/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2543652
Report Date: 08/01/25

Case Narrative (continued)

Report Submission

August 01, 2025: This final report includes the results of all requested analyses.

July 29, 2025: This is a preliminary report.

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

Volatile Organics

L2543652-01: The surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene (141%); however, re-analysis achieved a similar result: 4-bromofluorobenzene (146%). The results of both analyses are reported and all associated compounds are considered to have a potential bias.

L2543652-02: The surrogate recovery for 4-bromofluorobenzene (143%) were outside the acceptance criteria; however, re-analysis achieved the following results: 4-bromofluorobenzene (154%) and low internal standard (IS) responses for fluorobenzene (39%), chlorobenzene-d5 (36%), and 1,4-dichlorobenzene-d4 (27%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.

L2543652-10: The surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene (141%); however, re-analysis achieved a similar result: 4-bromofluorobenzene (137%). The results of both analyses are reported and all associated compounds are considered to have a potential bias.

WG2094717-6: The surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene (140%); however, re-analysis of MSD achieved a similar result: 4-bromofluorobenzene (139%). The results of both analyses are reported and all associated compounds are considered to have a potential bias.

Perfluorinated Alkyl Acids by 1633

L2543652-03: The Extracted Internal Standard recovery was above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (142%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

The WG2096904-3 LCS recovery associated with L2543652-01, -03, -06, -07, -08, and -10 is above the

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

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Case Narrative (continued)

acceptance criteria for 3-perfluoropropyl propanoic acid (3:3ftca) (136%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported. The WG2096904-4 MS recoveries performed on L2543652-01 are outside the acceptance criteria for perfluorotridecanoic acid (pftrda) (158%) and 3-perfluoropropyl propanoic acid (3:3ftca) (132%).

Total Metals

L2543652-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2094334-3/-4 MS/MSD recoveries performed on L2543652-01 do not apply for aluminum (0%/178%), calcium (533%/0%), iron (0%/1670%), magnesium (138%/441%), and manganese (MS 126%) because the sample concentrations are greater than four times the spike amounts added.

The WG2094334-3/-4 MS/MSD recoveries performed on L2543652-01 are outside the acceptance criteria for antimony (65%/60%), arsenic (133%/166%), copper (35%/70%), nickel (133%/133%), potassium (161%/166%), and sodium (MSD 127%). A post digestion spike was performed and was within acceptance criteria.

The WG2094334-3/-4 MS/MSD RPD performed on L2543652-01 is above the acceptance criteria for iron (21%).

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

Report Date: 08/01/25

Title: Technical Director/Representative

Surrogate Recovery Summary

Form 2

Volatiles

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2543652
Project Number: W96.013.001
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
SS-101 (L2543652-01)	103	111	141*	95	1
SS-101 (L2543652-01R)	109	113	146*	94	1
SS-102 (L2543652-02)	108	113	143*	95	1
SS-102 (L2543652-02R)	103	117	154*	93	1
SS-103 (L2543652-03)	108	109	102	109	0
SS-104 (L2543652-04)	108	113	139*	95	1
SS-106 (L2543652-05)	110	113	143*	96	1
SS-107 (L2543652-06)	109	112	142*	97	1
SS-108 (L2543652-07)	112	114	141*	95	1
SS-109 (L2543652-08)	110	114	137*	99	1
SS-110 (L2543652-09)	112	112	135*	97	1
DUP-01 (L2543652-10R)	112	109	137*	97	1
DUP-01 (L2543652-10)	111	112	141*	95	1
WG2094717-3LCS	107	105	127	97	0
WG2094717-4LCSD	101	106	127	96	0
WG2094717-5BLANK	105	106	127	92	0
SS-101MS	108	110	140*	99	1
SS-101MSD	107	108	139*	96	1
WG2095142-3LCS	101	108	129	95	0
WG2095142-4LCSD	107	105	127	97	0
WG2095142-5BLANK	111	107	131*	93	1
WG2095398-3LCS	95	104	95	108	0
WG2095398-4LCSD	99	104	95	108	0
WG2095398-5BLANK	102	104	97	111	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260HLW-R2



Laboratory Control Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2094717-3 Analysis Date : 07/23/25 08:36 File ID : V31250723A02
 LCSD Sample ID : WG2094717-4 Analysis Date : 07/23/25 08:58 File ID : V31250723A03

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	41	102	40	34	86	17	70-130	30
1,1-Dichloroethane	40	41	101	40	41	102	1	70-130	30
Chloroform	40	37	91	40	37	93	2	70-130	30
Carbon tetrachloride	40	36	90	40	37	94	4	70-130	30
1,2-Dichloropropane	40	41	101	40	40	100	1	70-130	30
Dibromochloromethane	40	37	93	40	37	93	0	70-130	30
1,1,2-Trichloroethane	40	37	92	40	36	90	2	70-130	30
Tetrachloroethene	40	37	93	40	38	96	3	70-130	30
Chlorobenzene	40	36	90	40	37	92	2	70-130	30
Trichlorofluoromethane	40	19	48 Q	40	20	49 Q	2	70-139	30
1,2-Dichloroethane	40	42	104	40	41	102	2	70-130	30
1,1,1-Trichloroethane	40	38	95	40	39	98	3	70-130	30
Bromodichloromethane	40	37	92	40	37	92	0	70-130	30
trans-1,3-Dichloropropene	40	40	101	40	40	100	1	70-130	30
cis-1,3-Dichloropropene	40	40	99	40	39	97	2	70-130	30
Bromoform	40	32	80	40	31	78	3	70-130	30
1,1,2,2-Tetrachloroethane	40	39	97	40	37	93	4	70-130	30
Benzene	40	37	93	40	38	94	1	70-130	30
Toluene	40	37	92	40	38	95	3	70-130	30
Ethylbenzene	40	37	93	40	39	96	3	70-130	30
Chloromethane	40	44	110	40	44	109	1	52-130	30
Bromomethane	40	24	59	40	24	59	0	57-147	30
Vinyl chloride	40	27	68	40	28	70	3	67-130	30
Chloroethane	40	27	67	40	28	70	4	50-151	30
1,1-Dichloroethene	40	39	98	40	40	100	2	65-135	30
trans-1,2-Dichloroethene	40	41	102	40	36	91	11	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2094717-3 Analysis Date : 07/23/25 08:36 File ID : V31250723A02
 LCSD Sample ID : WG2094717-4 Analysis Date : 07/23/25 08:58 File ID : V31250723A03

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	35	87	40	35	88	1	70-130	30
1,2-Dichlorobenzene	40	37	92	40	37	93	1	70-130	30
1,3-Dichlorobenzene	40	36	91	40	37	93	2	70-130	30
1,4-Dichlorobenzene	40	36	90	40	36	91	1	70-130	30
Methyl tert butyl ether	40	39	98	40	37	93	5	66-130	30
p/m-Xylene	80	70	87	80	71	89	2	70-130	30
o-Xylene	80	69	87	80	71	88	1	70-130	30
cis-1,2-Dichloroethene	40	36	89	40	36	89	0	70-130	30
Styrene	80	64	80	80	65	81	1	70-130	30
Dichlorodifluoromethane	40	36	89	40	36	89	0	30-146	30
Acetone	40	62	156 Q	40	44	110	35 Q	54-140	30
Carbon disulfide	40	42	104	40	42	106	2	59-130	30
2-Butanone	40	38	95	40	34	84	12	70-130	30
4-Methyl-2-pentanone	40	41	103	40	38	96	7	70-130	30
2-Hexanone	40	37	93	40	34	86	8	70-130	30
1,2-Dibromoethane	40	39	96	40	37	93	3	70-130	30
n-Butylbenzene	40	40	100	40	42	104	4	70-130	30
sec-Butylbenzene	40	39	97	40	40	101	4	70-130	30
tert-Butylbenzene	40	38	94	40	39	98	4	70-130	30
1,2-Dibromo-3-chloropropane	40	37	93	40	36	89	4	68-130	30
Isopropylbenzene	40	39	98	40	41	102	4	70-130	30
p-Isopropyltoluene	40	37	93	40	39	97	4	70-130	30
Naphthalene	40	36	91	40	35	88	3	70-130	30
n-Propylbenzene	40	39	98	40	41	102	4	70-130	30
1,2,4-Trichlorobenzene	40	38	94	40	38	96	2	70-130	30
1,3,5-Trimethylbenzene	40	38	95	40	40	99	4	70-130	30



Laboratory Control Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2095142-3 Analysis Date : 07/24/25 07:56 File ID : V31250724A01
 LCSD Sample ID : WG2095142-4 Analysis Date : 07/24/25 08:18 File ID : V31250724A02

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	36	90	40	34	84	7	70-130	30
1,1-Dichloroethane	40	43	108	40	40	100	8	70-130	30
Chloroform	40	38	94	40	36	90	4	70-130	30
Carbon tetrachloride	40	37	92	40	35	88	4	70-130	30
1,2-Dichloropropane	40	41	102	40	40	100	2	70-130	30
Dibromochloromethane	40	36	90	40	36	89	1	70-130	30
1,1,2-Trichloroethane	40	36	90	40	36	89	1	70-130	30
Tetrachloroethene	40	39	97	40	36	90	7	70-130	30
Chlorobenzene	40	37	93	40	36	89	4	70-130	30
Trichlorofluoromethane	40	20	49 Q	40	18	45 Q	9	70-139	30
1,2-Dichloroethane	40	41	101	40	40	101	0	70-130	30
1,1,1-Trichloroethane	40	40	100	40	38	94	6	70-130	30
Bromodichloromethane	40	36	91	40	36	90	1	70-130	30
trans-1,3-Dichloropropene	40	40	99	40	39	97	2	70-130	30
cis-1,3-Dichloropropene	40	39	97	40	38	95	2	70-130	30
Bromoform	40	31	76	40	30	75	1	70-130	30
1,1,2,2-Tetrachloroethane	40	37	92	40	37	91	1	70-130	30
Benzene	40	39	96	40	36	91	5	70-130	30
Toluene	40	39	98	40	37	92	6	70-130	30
Ethylbenzene	40	39	98	40	37	92	6	70-130	30
Chloromethane	40	49	124	40	44	109	13	52-130	30
Bromomethane	40	28	70	40	24	60	15	57-147	30
Vinyl chloride	40	31	79	40	27	68	15	67-130	30
Chloroethane	40	31	77	40	29	71	8	50-151	30
1,1-Dichloroethene	40	35	87	40	34	86	1	65-135	30
trans-1,2-Dichloroethene	40	36	91	40	35	87	4	70-130	30



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : SS-101
 Lab Sample ID : L2543652-01
 Matrix Spike : WG2094717-6
 Matrix Spike Dup : WG2094717-7

Lab Number : L2543652
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 07/23/25 10:04
 MS Analysis Date : 07/23/25 17:29
 MSD Analysis Date : 07/23/25 17:52

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	119	87	73	123	110	85	18	70-130	30
1,1-Dichloroethane	ND	119	110	92	123	130	104	15	70-130	30
Chloroform	ND	119	90	76	123	110	89	19	70-130	30
Carbon tetrachloride	ND	119	83	70	123	100	84	23	70-130	30
1,2-Dichloropropane	ND	119	98	82	123	120	98	20	70-130	30
Dibromochloromethane	ND	119	70	59 Q	123	95	77	30	70-130	30
1,1,2-Trichloroethane	ND	119	80	67 Q	123	100	82	23	70-130	30
Tetrachloroethene	ND	119	66	56 Q	123	98	80	39 Q	70-130	30
Chlorobenzene	ND	119	60	51 Q	123	90	73	39 Q	70-130	30
Trichlorofluoromethane	ND	119	51	43 Q	123	60	49 Q	16	70-139	30
1,2-Dichloroethane	ND	119	93	78	123	110	93	21	70-130	30
1,1,1-Trichloroethane	ND	119	100	84	123	120	98	19	70-130	30
Bromodichloromethane	ND	119	79	66 Q	123	100	83	25	70-130	30
trans-1,3-Dichloropropene	ND	119	60	51 Q	123	88	71	37 Q	70-130	30
cis-1,3-Dichloropropene	ND	119	63	53 Q	123	88	72	34 Q	70-130	30
Bromoform	ND	119	58	48 Q	123	85	69 Q	38 Q	70-130	30
1,1,2,2-Tetrachloroethane	ND	119	77	64 Q	123	110	85	31 Q	70-130	30
Benzene	ND	119	91	76	123	110	91	21	70-130	30
Toluene	ND	119	80	67 Q	123	110	86	28	70-130	30
Ethylbenzene	ND	119	67	56 Q	123	99	80	38 Q	70-130	30
Chloromethane	ND	119	130	107	123	140	115	11	52-130	30
Bromomethane	ND	119	55	46 Q	123	65	53 Q	17	57-147	30



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : SS-101
 Lab Sample ID : L2543652-01
 Matrix Spike : WG2094717-6
 Matrix Spike Dup : WG2094717-7

Lab Number : L2543652
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 07/23/25 10:04
 MS Analysis Date : 07/23/25 17:29
 MSD Analysis Date : 07/23/25 17:52

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)				
Vinyl chloride	ND	119	78	66	Q	123	89	72	13	67-130	30
Chloroethane	ND	119	78	66		123	88	72	12	50-151	30
1,1-Dichloroethene	ND	119	98	82		123	110	87	9	65-135	30
trans-1,2-Dichloroethene	ND	119	78	66	Q	123	100	81	24	70-130	30
Trichloroethene	ND	119	69	58	Q	123	94	76	31	Q	70-130
1,2-Dichlorobenzene	ND	119	41	34	Q	123	74	60	Q	58	Q
1,3-Dichlorobenzene	ND	119	41	35	Q	123	75	61	Q	58	Q
1,4-Dichlorobenzene	ND	119	39	33	Q	123	71	58	Q	58	Q
Methyl tert butyl ether	ND	119	98	82		123	120	94	17	66-130	30
p/m-Xylene	ND	238	120	50	Q	246	180	72	41	Q	70-130
o-Xylene	ND	238	120	51	Q	246	180	74	40	Q	70-130
cis-1,2-Dichloroethene	ND	119	78	66	Q	123	98	80	22	70-130	30
Styrene	0.85J	238	89	38	Q	246	140	57	Q	44	Q
Dichlorodifluoromethane	ND	119	98	82		123	110	89	12	30-146	30
Acetone	22	119	77	46	Q	123	99	62	25	54-140	30
Carbon disulfide	ND	119	75	63		123	100	81	28	59-130	30
2-Butanone	ND	119	66	56	Q	123	84	68	Q	24	70-130
4-Methyl-2-pentanone	ND	119	90	76		123	110	89	19	70-130	30
2-Hexanone	ND	119	65	55	Q	123	81	66	Q	22	70-130
1,2-Dibromoethane	ND	119	68	57	Q	123	91	74	30	70-130	30
n-Butylbenzene	ND	119	43	36	Q	123	73	60	Q	53	Q
sec-Butylbenzene	ND	119	53	44	Q	123	89	72	51	Q	70-130



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : SS-101
 Lab Sample ID : L2543652-01
 Matrix Spike : WG2094717-6
 Matrix Spike Dup : WG2094717-7

Lab Number : L2543652
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 07/23/25 10:04
 MS Analysis Date : 07/23/25 17:29
 MSD Analysis Date : 07/23/25 17:52

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			
tert-Butylbenzene	ND	119	59	49 Q	123	98	80	50 Q	70-130	30
1,2-Dibromo-3-chloropropane	ND	119	58	49 Q	123	87	70	39 Q	68-130	30
Isopropylbenzene	ND	119	72	61 Q	123	110	93	45 Q	70-130	30
p-Isopropyltoluene	0.37J	119	49	41 Q	123	84	68 Q	53 Q	70-130	30
Naphthalene	1.0J	119	28	24 Q	123	46	38 Q	48 Q	70-130	30
n-Propylbenzene	ND	119	62	52 Q	123	100	84	50 Q	70-130	30
1,2,4-Trichlorobenzene	ND	119	21	17 Q	123	41	33 Q	66 Q	70-130	30
1,3,5-Trimethylbenzene	ND	119	60	51 Q	123	100	81	50 Q	70-130	30
1,2,4-Trimethylbenzene	ND	119	57	48 Q	123	97	79	52 Q	70-130	30
Methyl Acetate	13	119	33	17 Q	123	84	58	86 Q	51-146	30
Cyclohexane	ND	119	87	73	123	130	103	38 Q	59-142	30
Freon-113	ND	119	84	70	123	110	87	24	50-139	30
Methyl cyclohexane	ND	119	53	45 Q	123	84	68 Q	44 Q	70-130	30



Internal Standard Area and RT Summary

Form 8a

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA131
 Sample No : WG2095142-2

Lab Number : L2543652
 Project Number : W96.013.001
 Analysis Date : 07/24/25 07:56:00
 Lab File ID : V31250724A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2095142-2	685505	6.00	504175	9.53	263780	12.23
Upper Limit	1371010	6.50	1008350	10.03	527560	12.73
Lower Limit	342753	5.50	252088	9.03	131890	11.73
Sample ID						
WG2095142-3 LCS	685505	6.00	504175	9.53	263780	12.23
WG2095142-4 LCSD	675842	6.00	512142	9.53	281629	12.23
WG2095142-5 BLANK	608053	6.00	452717	9.52	234936	12.23
SS-102	265521*	6.00	180915*	9.53	70175*	12.23
SS-101	567234	6.00	388458	9.53	167932	12.23
DUP-01	568653	6.00	411627	9.53	199203	12.24

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A06
 Sample Amount : 4.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 10:04
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 82
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	7.2	3.3	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.21	U
67-66-3	Chloroform	ND	2.2	0.20	U
56-23-5	Carbon tetrachloride	ND	1.4	0.33	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.18	U
124-48-1	Dibromochloromethane	ND	1.4	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.38	U
127-18-4	Tetrachloroethene	ND	0.72	0.28	U
108-90-7	Chlorobenzene	ND	0.72	0.18	U
75-69-4	Trichlorofluoromethane	ND	5.8	1.0	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.37	U
71-55-6	1,1,1-Trichloroethane	ND	0.72	0.24	U
75-27-4	Bromodichloromethane	ND	0.72	0.16	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.39	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.72	0.23	U
75-25-2	Bromoform	ND	5.8	0.35	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.72	0.24	U
71-43-2	Benzene	ND	0.72	0.24	U
108-88-3	Toluene	ND	1.4	0.78	U
100-41-4	Ethylbenzene	ND	1.4	0.20	U
74-87-3	Chloromethane	ND	5.8	1.3	U
74-83-9	Bromomethane	ND	2.9	0.84	U
75-01-4	Vinyl chloride	ND	1.4	0.48	U
75-00-3	Chloroethane	ND	2.9	0.65	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.34	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A06
 Sample Amount : 4.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 10:04
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 82
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	0.20	U
79-01-6	Trichloroethene	ND	0.72	0.20	U
95-50-1	1,2-Dichlorobenzene	ND	2.9	0.21	U
541-73-1	1,3-Dichlorobenzene	ND	2.9	0.21	U
106-46-7	1,4-Dichlorobenzene	ND	2.9	0.25	U
1634-04-4	Methyl tert butyl ether	ND	2.9	0.29	U
179601-23-1	p/m-Xylene	ND	2.9	0.81	U
95-47-6	o-Xylene	ND	1.4	0.42	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.25	U
100-42-5	Styrene	0.85	1.4	0.28	J
75-71-8	Dichlorodifluoromethane	ND	14	1.3	U
67-64-1	Acetone	22	14	6.9	
75-15-0	Carbon disulfide	ND	14	6.6	U
78-93-3	2-Butanone	ND	14	3.2	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U
591-78-6	2-Hexanone	ND	14	1.7	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.40	U
104-51-8	n-Butylbenzene	ND	1.4	0.24	U
135-98-8	sec-Butylbenzene	ND	1.4	0.21	U
98-06-6	tert-Butylbenzene	ND	2.9	0.17	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.3	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.16	U
99-87-6	p-Isopropyltoluene	0.37	1.4	0.16	J
91-20-3	Naphthalene	1.0	5.8	0.94	J
103-65-1	n-Propylbenzene	ND	1.4	0.25	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-01	Date Collected : 07/11/25 09:10
Client ID : SS-101	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/23/25 10:04
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V31250723A06	Instrument ID : VOA131
Sample Amount : 4.3 g	GC Column : RTX-VMS
Level : LOW	%Solids : 82
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.9	0.39	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	0.28	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	0.48	U
79-20-9	Methyl Acetate	13	5.8	1.4	
110-82-7	Cyclohexane	ND	14	0.78	U
76-13-1	Freon-113	ND	5.8	1.0	U
108-87-2	Methyl cyclohexane	ND	5.8	0.87	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01R
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250724A07
 Sample Amount : 3.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/24/25 10:09
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 82
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	8.1	3.7	U
75-34-3	1,1-Dichloroethane	ND	1.6	0.24	U
67-66-3	Chloroform	ND	2.4	0.23	U
56-23-5	Carbon tetrachloride	ND	1.6	0.37	U
78-87-5	1,2-Dichloropropane	ND	1.6	0.20	U
124-48-1	Dibromochloromethane	ND	1.6	0.23	U
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.43	U
127-18-4	Tetrachloroethene	ND	0.81	0.32	U
108-90-7	Chlorobenzene	ND	0.81	0.21	U
75-69-4	Trichlorofluoromethane	ND	6.5	1.1	U
107-06-2	1,2-Dichloroethane	ND	1.6	0.42	U
71-55-6	1,1,1-Trichloroethane	ND	0.81	0.27	U
75-27-4	Bromodichloromethane	ND	0.81	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.44	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.81	0.26	U
75-25-2	Bromoform	ND	6.5	0.40	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.81	0.27	U
71-43-2	Benzene	ND	0.81	0.27	U
108-88-3	Toluene	ND	1.6	0.88	U
100-41-4	Ethylbenzene	ND	1.6	0.23	U
74-87-3	Chloromethane	ND	6.5	1.5	U
74-83-9	Bromomethane	ND	3.2	0.94	U
75-01-4	Vinyl chloride	ND	1.6	0.54	U
75-00-3	Chloroethane	ND	3.2	0.73	U
75-35-4	1,1-Dichloroethene	ND	1.6	0.39	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01R
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250724A07
 Sample Amount : 3.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/24/25 10:09
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 82
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.4	0.22	U
79-01-6	Trichloroethene	ND	0.81	0.22	U
95-50-1	1,2-Dichlorobenzene	ND	3.2	0.23	U
541-73-1	1,3-Dichlorobenzene	ND	3.2	0.24	U
106-46-7	1,4-Dichlorobenzene	ND	3.2	0.28	U
1634-04-4	Methyl tert butyl ether	ND	3.2	0.33	U
179601-23-1	p/m-Xylene	ND	3.2	0.91	U
95-47-6	o-Xylene	ND	1.6	0.47	U
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.28	U
100-42-5	Styrene	0.96	1.6	0.32	J
75-71-8	Dichlorodifluoromethane	ND	16	1.5	U
67-64-1	Acetone	54	16	7.8	
75-15-0	Carbon disulfide	ND	16	7.4	U
78-93-3	2-Butanone	7.1	16	3.6	J
108-10-1	4-Methyl-2-pentanone	ND	16	2.1	U
591-78-6	2-Hexanone	ND	16	1.9	U
106-93-4	1,2-Dibromoethane	ND	1.6	0.45	U
104-51-8	n-Butylbenzene	ND	1.6	0.27	U
135-98-8	sec-Butylbenzene	ND	1.6	0.24	U
98-06-6	tert-Butylbenzene	ND	3.2	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.9	1.6	U
98-82-8	Isopropylbenzene	ND	1.6	0.18	U
99-87-6	p-Isopropyltoluene	0.93	1.6	0.18	J
91-20-3	Naphthalene	1.1	6.5	1.0	J
103-65-1	n-Propylbenzene	ND	1.6	0.28	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-01R	Date Collected	: 07/11/25 09:10
Client ID	: SS-101	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 10:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250724A07	Instrument ID	: VOA131
Sample Amount	: 3.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 82
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.2	0.44	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.2	0.31	U
95-63-6	1,2,4-Trimethylbenzene	0.62	3.2	0.54	J
79-20-9	Methyl Acetate	86	6.5	1.5	
110-82-7	Cyclohexane	ND	16	0.88	U
76-13-1	Freon-113	ND	6.5	1.1	U
108-87-2	Methyl cyclohexane	ND	6.5	0.98	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-02
 Client ID : SS-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A07
 Sample Amount : 4.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:30
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 10:27
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 80
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	7.8	3.6	U
75-34-3	1,1-Dichloroethane	ND	1.6	0.23	U
67-66-3	Chloroform	ND	2.3	0.22	U
56-23-5	Carbon tetrachloride	ND	1.6	0.36	U
78-87-5	1,2-Dichloropropane	ND	1.6	0.20	U
124-48-1	Dibromochloromethane	ND	1.6	0.22	U
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.42	U
127-18-4	Tetrachloroethene	ND	0.78	0.31	U
108-90-7	Chlorobenzene	ND	0.78	0.20	U
75-69-4	Trichlorofluoromethane	ND	6.2	1.1	U
107-06-2	1,2-Dichloroethane	ND	1.6	0.40	U
71-55-6	1,1,1-Trichloroethane	ND	0.78	0.26	U
75-27-4	Bromodichloromethane	ND	0.78	0.17	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.43	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.78	0.25	U
75-25-2	Bromoform	ND	6.2	0.38	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.78	0.26	U
71-43-2	Benzene	ND	0.78	0.26	U
108-88-3	Toluene	ND	1.6	0.85	U
100-41-4	Ethylbenzene	ND	1.6	0.22	U
74-87-3	Chloromethane	ND	6.2	1.4	U
74-83-9	Bromomethane	ND	3.1	0.91	U
75-01-4	Vinyl chloride	ND	1.6	0.52	U
75-00-3	Chloroethane	ND	3.1	0.71	U
75-35-4	1,1-Dichloroethene	ND	1.6	0.37	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-02
 Client ID : SS-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A07
 Sample Amount : 4.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:30
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 10:27
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 80
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	0.21	U
79-01-6	Trichloroethene	ND	0.78	0.21	U
95-50-1	1,2-Dichlorobenzene	ND	3.1	0.22	U
541-73-1	1,3-Dichlorobenzene	ND	3.1	0.23	U
106-46-7	1,4-Dichlorobenzene	ND	3.1	0.27	U
1634-04-4	Methyl tert butyl ether	ND	3.1	0.31	U
179601-23-1	p/m-Xylene	ND	3.1	0.88	U
95-47-6	o-Xylene	ND	1.6	0.45	U
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.27	U
100-42-5	Styrene	0.91	1.6	0.31	J
75-71-8	Dichlorodifluoromethane	ND	16	1.4	U
67-64-1	Acetone	12	16	7.5	J
75-15-0	Carbon disulfide	ND	16	7.1	U
78-93-3	2-Butanone	ND	16	3.5	U
108-10-1	4-Methyl-2-pentanone	ND	16	2.0	U
591-78-6	2-Hexanone	ND	16	1.8	U
106-93-4	1,2-Dibromoethane	ND	1.6	0.44	U
104-51-8	n-Butylbenzene	ND	1.6	0.26	U
135-98-8	sec-Butylbenzene	ND	1.6	0.23	U
98-06-6	tert-Butylbenzene	ND	3.1	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.7	1.6	U
98-82-8	Isopropylbenzene	ND	1.6	0.17	U
99-87-6	p-Isopropyltoluene	0.24	1.6	0.17	J
91-20-3	Naphthalene	ND	6.2	1.0	U
103-65-1	n-Propylbenzene	ND	1.6	0.27	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-02	Date Collected : 07/11/25 09:30
Client ID : SS-102	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/23/25 10:27
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V31250723A07	Instrument ID : VOA131
Sample Amount : 4.0 g	GC Column : RTX-VMS
Level : LOW	%Solids : 80
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.1	0.42	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.1	0.30	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.1	0.52	U
79-20-9	Methyl Acetate	11	6.2	1.5	
110-82-7	Cyclohexane	ND	16	0.85	U
76-13-1	Freon-113	ND	6.2	1.1	U
108-87-2	Methyl cyclohexane	ND	6.2	0.94	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-02R
 Client ID : SS-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250724A06
 Sample Amount : 4.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:30
 Date Received : 07/11/25
 Date Analyzed : 07/24/25 09:47
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 80
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	7.2	3.3	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.21	U
67-66-3	Chloroform	ND	2.2	0.20	U
56-23-5	Carbon tetrachloride	ND	1.4	0.33	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.18	U
124-48-1	Dibromochloromethane	ND	1.4	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.38	U
127-18-4	Tetrachloroethene	ND	0.72	0.28	U
108-90-7	Chlorobenzene	ND	0.72	0.18	U
75-69-4	Trichlorofluoromethane	ND	5.8	1.0	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.37	U
71-55-6	1,1,1-Trichloroethane	ND	0.72	0.24	U
75-27-4	Bromodichloromethane	ND	0.72	0.16	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.39	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.72	0.23	U
75-25-2	Bromoform	ND	5.8	0.36	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.72	0.24	U
71-43-2	Benzene	ND	0.72	0.24	U
108-88-3	Toluene	ND	1.4	0.78	U
100-41-4	Ethylbenzene	ND	1.4	0.20	U
74-87-3	Chloromethane	ND	5.8	1.3	U
74-83-9	Bromomethane	ND	2.9	0.84	U
75-01-4	Vinyl chloride	ND	1.4	0.48	U
75-00-3	Chloroethane	ND	2.9	0.65	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.34	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-02R
 Client ID : SS-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250724A06
 Sample Amount : 4.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:30
 Date Received : 07/11/25
 Date Analyzed : 07/24/25 09:47
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 80
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	0.20	U
79-01-6	Trichloroethene	ND	0.72	0.20	U
95-50-1	1,2-Dichlorobenzene	ND	2.9	0.21	U
541-73-1	1,3-Dichlorobenzene	ND	2.9	0.21	U
106-46-7	1,4-Dichlorobenzene	ND	2.9	0.25	U
1634-04-4	Methyl tert butyl ether	ND	2.9	0.29	U
179601-23-1	p/m-Xylene	ND	2.9	0.81	U
95-47-6	o-Xylene	ND	1.4	0.42	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.25	U
100-42-5	Styrene	0.88	1.4	0.28	J
75-71-8	Dichlorodifluoromethane	ND	14	1.3	U
67-64-1	Acetone	16	14	6.9	
75-15-0	Carbon disulfide	ND	14	6.6	U
78-93-3	2-Butanone	12	14	3.2	J
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U
591-78-6	2-Hexanone	ND	14	1.7	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.40	U
104-51-8	n-Butylbenzene	ND	1.4	0.24	U
135-98-8	sec-Butylbenzene	ND	1.4	0.21	U
98-06-6	tert-Butylbenzene	ND	2.9	0.17	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.3	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.16	U
99-87-6	p-Isopropyltoluene	0.71	1.4	0.16	J
91-20-3	Naphthalene	ND	5.8	0.94	U
103-65-1	n-Propylbenzene	ND	1.4	0.25	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-02R	Date Collected	: 07/11/25 09:30
Client ID	: SS-102	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 09:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250724A06	Instrument ID	: VOA131
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.9	0.39	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	0.28	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	0.48	U
79-20-9	Methyl Acetate	10	5.8	1.4	
110-82-7	Cyclohexane	ND	14	0.78	U
76-13-1	Freon-113	ND	5.8	1.0	U
108-87-2	Methyl cyclohexane	ND	5.8	0.87	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V27250725B10
 Sample Amount : 4.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/25/25 12:41
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA127
 GC Column : RTX-VMS
 %Solids : 73
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	7.7	3.5	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.22	U
67-66-3	Chloroform	ND	2.3	0.22	U
56-23-5	Carbon tetrachloride	ND	1.5	0.36	U
78-87-5	1,2-Dichloropropane	ND	1.5	0.19	U
124-48-1	Dibromochloromethane	ND	1.5	0.22	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.41	U
127-18-4	Tetrachloroethene	ND	0.77	0.30	U
108-90-7	Chlorobenzene	ND	0.77	0.20	U
75-69-4	Trichlorofluoromethane	ND	6.2	1.1	U
107-06-2	1,2-Dichloroethane	ND	1.5	0.40	U
71-55-6	1,1,1-Trichloroethane	ND	0.77	0.26	U
75-27-4	Bromodichloromethane	ND	0.77	0.17	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.42	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.77	0.24	U
75-25-2	Bromoform	ND	6.2	0.38	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.77	0.26	U
71-43-2	Benzene	ND	0.77	0.26	U
108-88-3	Toluene	ND	1.5	0.84	U
100-41-4	Ethylbenzene	ND	1.5	0.22	U
74-87-3	Chloromethane	ND	6.2	1.4	U
74-83-9	Bromomethane	ND	3.1	0.90	U
75-01-4	Vinyl chloride	ND	1.5	0.52	U
75-00-3	Chloroethane	ND	3.1	0.70	U
75-35-4	1,1-Dichloroethene	ND	1.5	0.37	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V27250725B10
 Sample Amount : 4.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/25/25 12:41
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA127
 GC Column : RTX-VMS
 %Solids : 73
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	0.21	U
79-01-6	Trichloroethene	ND	0.77	0.21	U
95-50-1	1,2-Dichlorobenzene	ND	3.1	0.22	U
541-73-1	1,3-Dichlorobenzene	ND	3.1	0.23	U
106-46-7	1,4-Dichlorobenzene	ND	3.1	0.26	U
1634-04-4	Methyl tert butyl ether	ND	3.1	0.31	U
179601-23-1	p/m-Xylene	ND	3.1	0.87	U
95-47-6	o-Xylene	ND	1.5	0.45	U
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.27	U
100-42-5	Styrene	ND	1.5	0.30	U
75-71-8	Dichlorodifluoromethane	ND	15	1.4	U
67-64-1	Acetone	ND	15	7.4	U
75-15-0	Carbon disulfide	ND	15	7.0	U
78-93-3	2-Butanone	ND	15	3.4	U
108-10-1	4-Methyl-2-pentanone	ND	15	2.0	U
591-78-6	2-Hexanone	ND	15	1.8	U
106-93-4	1,2-Dibromoethane	ND	1.5	0.43	U
104-51-8	n-Butylbenzene	ND	1.5	0.26	U
135-98-8	sec-Butylbenzene	ND	1.5	0.23	U
98-06-6	tert-Butylbenzene	ND	3.1	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.6	1.5	U
98-82-8	Isopropylbenzene	ND	1.5	0.17	U
99-87-6	p-Isopropyltoluene	ND	1.5	0.17	U
91-20-3	Naphthalene	ND	6.2	1.0	U
103-65-1	n-Propylbenzene	ND	1.5	0.26	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-03	Date Collected	: 07/11/25 09:50
Client ID	: SS-103	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/25/25 12:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V27250725B10	Instrument ID	: VOA127
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 73
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.1	0.42	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.1	0.30	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.1	0.52	U
79-20-9	Methyl Acetate	ND	6.2	1.5	U
110-82-7	Cyclohexane	ND	15	0.84	U
76-13-1	Freon-113	ND	6.2	1.1	U
108-87-2	Methyl cyclohexane	ND	6.2	0.93	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-04
 Client ID : SS-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A08
 Sample Amount : 4.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 10:20
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 10:49
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 75
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	8.4	3.8	U
75-34-3	1,1-Dichloroethane	ND	1.7	0.24	U
67-66-3	Chloroform	ND	2.5	0.23	U
56-23-5	Carbon tetrachloride	ND	1.7	0.38	U
78-87-5	1,2-Dichloropropane	ND	1.7	0.21	U
124-48-1	Dibromochloromethane	ND	1.7	0.23	U
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.45	U
127-18-4	Tetrachloroethene	ND	0.84	0.33	U
108-90-7	Chlorobenzene	ND	0.84	0.21	U
75-69-4	Trichlorofluoromethane	ND	6.7	1.2	U
107-06-2	1,2-Dichloroethane	ND	1.7	0.43	U
71-55-6	1,1,1-Trichloroethane	ND	0.84	0.28	U
75-27-4	Bromodichloromethane	ND	0.84	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.46	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.84	0.26	U
75-25-2	Bromoform	ND	6.7	0.41	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.84	0.28	U
71-43-2	Benzene	ND	0.84	0.28	U
108-88-3	Toluene	ND	1.7	0.91	U
100-41-4	Ethylbenzene	ND	1.7	0.24	U
74-87-3	Chloromethane	ND	6.7	1.6	U
74-83-9	Bromomethane	ND	3.3	0.97	U
75-01-4	Vinyl chloride	ND	1.7	0.56	U
75-00-3	Chloroethane	ND	3.3	0.76	U
75-35-4	1,1-Dichloroethene	ND	1.7	0.40	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-04
 Client ID : SS-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A08
 Sample Amount : 4.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 10:20
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 10:49
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 75
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.23	U
79-01-6	Trichloroethene	ND	0.84	0.23	U
95-50-1	1,2-Dichlorobenzene	ND	3.3	0.24	U
541-73-1	1,3-Dichlorobenzene	ND	3.3	0.25	U
106-46-7	1,4-Dichlorobenzene	ND	3.3	0.28	U
1634-04-4	Methyl tert butyl ether	ND	3.3	0.34	U
179601-23-1	p/m-Xylene	ND	3.3	0.94	U
95-47-6	o-Xylene	ND	1.7	0.49	U
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.29	U
100-42-5	Styrene	0.97	1.7	0.33	J
75-71-8	Dichlorodifluoromethane	ND	17	1.5	U
67-64-1	Acetone	ND	17	8.0	U
75-15-0	Carbon disulfide	ND	17	7.6	U
78-93-3	2-Butanone	ND	17	3.7	U
108-10-1	4-Methyl-2-pentanone	ND	17	2.1	U
591-78-6	2-Hexanone	ND	17	2.0	U
106-93-4	1,2-Dibromoethane	ND	1.7	0.47	U
104-51-8	n-Butylbenzene	ND	1.7	0.28	U
135-98-8	sec-Butylbenzene	ND	1.7	0.24	U
98-06-6	tert-Butylbenzene	ND	3.3	0.20	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.7	U
98-82-8	Isopropylbenzene	ND	1.7	0.18	U
99-87-6	p-Isopropyltoluene	ND	1.7	0.18	U
91-20-3	Naphthalene	ND	6.7	1.1	U
103-65-1	n-Propylbenzene	ND	1.7	0.28	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-04	Date Collected	: 07/11/25 10:20
Client ID	: SS-104	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 10:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250723A08	Instrument ID	: VOA131
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.3	0.45	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.3	0.32	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.3	0.56	U
79-20-9	Methyl Acetate	ND	6.7	1.6	U
110-82-7	Cyclohexane	ND	17	0.91	U
76-13-1	Freon-113	ND	6.7	1.2	U
108-87-2	Methyl cyclohexane	ND	6.7	1.0	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-05
 Client ID : SS-106
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A09
 Sample Amount : 1.7 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:00
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 11:11
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 87
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	16	7.6	U
75-34-3	1,1-Dichloroethane	ND	3.3	0.48	U
67-66-3	Chloroform	ND	5.0	0.46	U
56-23-5	Carbon tetrachloride	ND	3.3	0.76	U
78-87-5	1,2-Dichloropropane	ND	3.3	0.41	U
124-48-1	Dibromochloromethane	ND	3.3	0.46	U
79-00-5	1,1,2-Trichloroethane	ND	3.3	0.88	U
127-18-4	Tetrachloroethene	ND	1.6	0.65	U
108-90-7	Chlorobenzene	ND	1.6	0.42	U
75-69-4	Trichlorofluoromethane	ND	13	2.3	U
107-06-2	1,2-Dichloroethane	ND	3.3	0.85	U
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.55	U
75-27-4	Bromodichloromethane	ND	1.6	0.36	U
10061-02-6	trans-1,3-Dichloropropene	ND	3.3	0.90	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.52	U
75-25-2	Bromoform	ND	13	0.81	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.55	U
71-43-2	Benzene	ND	1.6	0.55	U
108-88-3	Toluene	ND	3.3	1.8	U
100-41-4	Ethylbenzene	ND	3.3	0.47	U
74-87-3	Chloromethane	ND	13	3.1	U
74-83-9	Bromomethane	ND	6.6	1.9	U
75-01-4	Vinyl chloride	ND	3.3	1.1	U
75-00-3	Chloroethane	ND	6.6	1.5	U
75-35-4	1,1-Dichloroethene	ND	3.3	0.79	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-05
 Client ID : SS-106
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A09
 Sample Amount : 1.7 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:00
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 11:11
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 87
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	0.45	U
79-01-6	Trichloroethene	ND	1.6	0.45	U
95-50-1	1,2-Dichlorobenzene	ND	6.6	0.48	U
541-73-1	1,3-Dichlorobenzene	ND	6.6	0.49	U
106-46-7	1,4-Dichlorobenzene	ND	6.6	0.56	U
1634-04-4	Methyl tert butyl ether	ND	6.6	0.66	U
179601-23-1	p/m-Xylene	ND	6.6	1.8	U
95-47-6	o-Xylene	ND	3.3	0.96	U
156-59-2	cis-1,2-Dichloroethene	ND	3.3	0.58	U
100-42-5	Styrene	1.9	3.3	0.65	J
75-71-8	Dichlorodifluoromethane	ND	33	3.0	U
67-64-1	Acetone	ND	33	16.	U
75-15-0	Carbon disulfide	ND	33	15.	U
78-93-3	2-Butanone	ND	33	7.3	U
108-10-1	4-Methyl-2-pentanone	ND	33	4.2	U
591-78-6	2-Hexanone	ND	33	3.9	U
106-93-4	1,2-Dibromoethane	ND	3.3	0.92	U
104-51-8	n-Butylbenzene	ND	3.3	0.55	U
135-98-8	sec-Butylbenzene	ND	3.3	0.48	U
98-06-6	tert-Butylbenzene	ND	6.6	0.39	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	9.9	3.3	U
98-82-8	Isopropylbenzene	ND	3.3	0.36	U
99-87-6	p-Isopropyltoluene	2.1	3.3	0.36	J
91-20-3	Naphthalene	ND	13	2.1	U
103-65-1	n-Propylbenzene	ND	3.3	0.56	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-05	Date Collected	: 07/11/25 09:00
Client ID	: SS-106	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250723A09	Instrument ID	: VOA131
Sample Amount	: 1.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	0.90	U
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	0.64	U
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	1.1	U
79-20-9	Methyl Acetate	ND	13	3.1	U
110-82-7	Cyclohexane	ND	33	1.8	U
76-13-1	Freon-113	ND	13	2.3	U
108-87-2	Methyl cyclohexane	ND	13	2.0	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A10
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 11:33
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 83
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.5	2.5	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U
127-18-4	Tetrachloroethene	ND	0.55	0.22	U
108-90-7	Chlorobenzene	ND	0.55	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.4	0.76	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.55	0.18	U
75-27-4	Bromodichloromethane	ND	0.55	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.55	0.17	U
75-25-2	Bromoform	ND	4.4	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.55	0.18	U
71-43-2	Benzene	ND	0.55	0.18	U
108-88-3	Toluene	ND	1.1	0.60	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.4	1.0	U
74-83-9	Bromomethane	ND	2.2	0.64	U
75-01-4	Vinyl chloride	ND	1.1	0.37	U
75-00-3	Chloroethane	ND	2.2	0.50	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A10
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 11:33
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 83
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	ND	0.55	0.15	U
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	ND	2.2	0.62	U
95-47-6	o-Xylene	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.3	U
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
591-78-6	2-Hexanone	ND	11	1.3	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.31	U
104-51-8	n-Butylbenzene	ND	1.1	0.18	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.2	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.4	0.72	U
103-65-1	n-Propylbenzene	ND	1.1	0.19	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-06	Date Collected	: 07/11/25 12:30
Client ID	: SS-107	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250723A10	Instrument ID	: VOA131
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.37	U
79-20-9	Methyl Acetate	ND	4.4	1.0	U
110-82-7	Cyclohexane	ND	11	0.60	U
76-13-1	Freon-113	ND	4.4	0.76	U
108-87-2	Methyl cyclohexane	ND	4.4	0.66	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A11
 Sample Amount : 4.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 11:56
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.9	3.2	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U
67-66-3	Chloroform	ND	2.1	0.19	U
56-23-5	Carbon tetrachloride	ND	1.4	0.32	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.17	U
124-48-1	Dibromochloromethane	ND	1.4	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.37	U
127-18-4	Tetrachloroethene	ND	0.69	0.27	U
108-90-7	Chlorobenzene	ND	0.69	0.18	U
75-69-4	Trichlorofluoromethane	ND	5.6	0.96	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.36	U
71-55-6	1,1,1-Trichloroethane	ND	0.69	0.23	U
75-27-4	Bromodichloromethane	ND	0.69	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.38	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.69	0.22	U
75-25-2	Bromoform	ND	5.6	0.34	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.69	0.23	U
71-43-2	Benzene	ND	0.69	0.23	U
108-88-3	Toluene	ND	1.4	0.75	U
100-41-4	Ethylbenzene	ND	1.4	0.20	U
74-87-3	Chloromethane	ND	5.6	1.3	U
74-83-9	Bromomethane	ND	2.8	0.81	U
75-01-4	Vinyl chloride	ND	1.4	0.46	U
75-00-3	Chloroethane	ND	2.8	0.63	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.33	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A11
 Sample Amount : 4.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 11:56
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.19	U
79-01-6	Trichloroethene	ND	0.69	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	2.8	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	2.8	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	2.8	0.24	U
1634-04-4	Methyl tert butyl ether	ND	2.8	0.28	U
179601-23-1	p/m-Xylene	ND	2.8	0.78	U
95-47-6	o-Xylene	ND	1.4	0.40	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.24	U
100-42-5	Styrene	0.79	1.4	0.27	J
75-71-8	Dichlorodifluoromethane	ND	14	1.3	U
67-64-1	Acetone	ND	14	6.7	U
75-15-0	Carbon disulfide	ND	14	6.3	U
78-93-3	2-Butanone	ND	14	3.1	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U
591-78-6	2-Hexanone	ND	14	1.6	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.39	U
104-51-8	n-Butylbenzene	ND	1.4	0.23	U
135-98-8	sec-Butylbenzene	ND	1.4	0.20	U
98-06-6	tert-Butylbenzene	ND	2.8	0.16	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.2	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.15	U
91-20-3	Naphthalene	ND	5.6	0.90	U
103-65-1	n-Propylbenzene	ND	1.4	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-07	Date Collected : 07/11/25 11:15
Client ID : SS-108	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/23/25 11:56
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V31250723A11	Instrument ID : VOA131
Sample Amount : 4.4 g	GC Column : RTX-VMS
Level : LOW	%Solids : 81
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.8	0.38	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.8	0.27	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.8	0.46	U
79-20-9	Methyl Acetate	ND	5.6	1.3	U
110-82-7	Cyclohexane	ND	14	0.76	U
76-13-1	Freon-113	ND	5.6	0.96	U
108-87-2	Methyl cyclohexane	ND	5.6	0.84	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-08	Date Collected : 07/11/25 11:40
Client ID : SS-109	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/23/25 12:18
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V31250723A12	Instrument ID : VOA131
Sample Amount : 4.0 g	GC Column : RTX-VMS
Level : LOW	%Solids : 67
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	9.3	4.3	U
75-34-3	1,1-Dichloroethane	ND	1.9	0.27	U
67-66-3	Chloroform	ND	2.8	0.26	U
56-23-5	Carbon tetrachloride	ND	1.9	0.43	U
78-87-5	1,2-Dichloropropane	ND	1.9	0.23	U
124-48-1	Dibromochloromethane	ND	1.9	0.26	U
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.50	U
127-18-4	Tetrachloroethene	ND	0.93	0.36	U
108-90-7	Chlorobenzene	ND	0.93	0.24	U
75-69-4	Trichlorofluoromethane	ND	7.4	1.3	U
107-06-2	1,2-Dichloroethane	ND	1.9	0.48	U
71-55-6	1,1,1-Trichloroethane	ND	0.93	0.31	U
75-27-4	Bromodichloromethane	ND	0.93	0.20	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.51	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.93	0.29	U
75-25-2	Bromoform	ND	7.4	0.46	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.93	0.31	U
71-43-2	Benzene	ND	0.93	0.31	U
108-88-3	Toluene	ND	1.9	1.0	U
100-41-4	Ethylbenzene	ND	1.9	0.26	U
74-87-3	Chloromethane	ND	7.4	1.7	U
74-83-9	Bromomethane	ND	3.7	1.1	U
75-01-4	Vinyl chloride	ND	1.9	0.62	U
75-00-3	Chloroethane	ND	3.7	0.84	U
75-35-4	1,1-Dichloroethene	ND	1.9	0.44	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A12
 Sample Amount : 4.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 12:18
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 67
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.8	0.26	U
79-01-6	Trichloroethene	ND	0.93	0.26	U
95-50-1	1,2-Dichlorobenzene	ND	3.7	0.27	U
541-73-1	1,3-Dichlorobenzene	ND	3.7	0.28	U
106-46-7	1,4-Dichlorobenzene	ND	3.7	0.32	U
1634-04-4	Methyl tert butyl ether	ND	3.7	0.37	U
179601-23-1	p/m-Xylene	ND	3.7	1.0	U
95-47-6	o-Xylene	ND	1.9	0.54	U
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.33	U
100-42-5	Styrene	ND	1.9	0.36	U
75-71-8	Dichlorodifluoromethane	ND	19	1.7	U
67-64-1	Acetone	13	19	9.0	J
75-15-0	Carbon disulfide	ND	19	8.5	U
78-93-3	2-Butanone	ND	19	4.1	U
108-10-1	4-Methyl-2-pentanone	ND	19	2.4	U
591-78-6	2-Hexanone	ND	19	2.2	U
106-93-4	1,2-Dibromoethane	ND	1.9	0.52	U
104-51-8	n-Butylbenzene	ND	1.9	0.31	U
135-98-8	sec-Butylbenzene	ND	1.9	0.27	U
98-06-6	tert-Butylbenzene	ND	3.7	0.22	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	1.9	U
98-82-8	Isopropylbenzene	ND	1.9	0.20	U
99-87-6	p-Isopropyltoluene	ND	1.9	0.20	U
91-20-3	Naphthalene	ND	7.4	1.2	U
103-65-1	n-Propylbenzene	ND	1.9	0.32	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-08	Date Collected	: 07/11/25 11:40
Client ID	: SS-109	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 12:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250723A12	Instrument ID	: VOA131
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 67
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	0.51	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.7	0.36	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.7	0.62	U
79-20-9	Methyl Acetate	ND	7.4	1.8	U
110-82-7	Cyclohexane	ND	19	1.0	U
76-13-1	Freon-113	ND	7.4	1.3	U
108-87-2	Methyl cyclohexane	ND	7.4	1.1	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-09
 Client ID : SS-110
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A13
 Sample Amount : 4.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:00
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 12:40
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 74
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.8	3.1	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U
67-66-3	Chloroform	ND	2.0	0.19	U
56-23-5	Carbon tetrachloride	ND	1.4	0.31	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.17	U
124-48-1	Dibromochloromethane	ND	1.4	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.36	U
127-18-4	Tetrachloroethene	ND	0.68	0.27	U
108-90-7	Chlorobenzene	ND	0.68	0.17	U
75-69-4	Trichlorofluoromethane	ND	5.5	0.95	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.35	U
71-55-6	1,1,1-Trichloroethane	ND	0.68	0.23	U
75-27-4	Bromodichloromethane	ND	0.68	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.37	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.68	0.22	U
75-25-2	Bromoform	ND	5.5	0.34	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.68	0.23	U
71-43-2	Benzene	ND	0.68	0.23	U
108-88-3	Toluene	ND	1.4	0.74	U
100-41-4	Ethylbenzene	ND	1.4	0.19	U
74-87-3	Chloromethane	ND	5.5	1.3	U
74-83-9	Bromomethane	ND	2.7	0.79	U
75-01-4	Vinyl chloride	ND	1.4	0.46	U
75-00-3	Chloroethane	ND	2.7	0.62	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.32	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-09
 Client ID : SS-110
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A13
 Sample Amount : 4.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:00
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 12:40
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 74
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.19	U
79-01-6	Trichloroethene	ND	0.68	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U
179601-23-1	p/m-Xylene	ND	2.7	0.76	U
95-47-6	o-Xylene	ND	1.4	0.40	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.24	U
100-42-5	Styrene	0.78	1.4	0.27	J
75-71-8	Dichlorodifluoromethane	ND	14	1.2	U
67-64-1	Acetone	ND	14	6.6	U
75-15-0	Carbon disulfide	ND	14	6.2	U
78-93-3	2-Butanone	ND	14	3.0	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U
591-78-6	2-Hexanone	ND	14	1.6	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.38	U
104-51-8	n-Butylbenzene	ND	1.4	0.23	U
135-98-8	sec-Butylbenzene	ND	1.4	0.20	U
98-06-6	tert-Butylbenzene	ND	2.7	0.16	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.1	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.15	U
91-20-3	Naphthalene	ND	5.5	0.89	U
103-65-1	n-Propylbenzene	ND	1.4	0.23	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-09	Date Collected	: 07/11/25 12:00
Client ID	: SS-110	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 12:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250723A13	Instrument ID	: VOA131
Sample Amount	: 4.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 74
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.37	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.46	U
79-20-9	Methyl Acetate	ND	5.5	1.3	U
110-82-7	Cyclohexane	ND	14	0.74	U
76-13-1	Freon-113	ND	5.5	0.95	U
108-87-2	Methyl cyclohexane	ND	5.5	0.82	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A14
 Sample Amount : 4.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 13:02
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.6	3.0	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U
67-66-3	Chloroform	ND	2.0	0.18	U
56-23-5	Carbon tetrachloride	ND	1.3	0.30	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.16	U
124-48-1	Dibromochloromethane	ND	1.3	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.35	U
127-18-4	Tetrachloroethene	ND	0.66	0.26	U
108-90-7	Chlorobenzene	ND	0.66	0.17	U
75-69-4	Trichlorofluoromethane	ND	5.2	0.91	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.34	U
71-55-6	1,1,1-Trichloroethane	ND	0.66	0.22	U
75-27-4	Bromodichloromethane	ND	0.66	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.36	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.66	0.21	U
75-25-2	Bromoform	ND	5.2	0.32	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.66	0.22	U
71-43-2	Benzene	ND	0.66	0.22	U
108-88-3	Toluene	ND	1.3	0.71	U
100-41-4	Ethylbenzene	ND	1.3	0.18	U
74-87-3	Chloromethane	ND	5.2	1.2	U
74-83-9	Bromomethane	ND	2.6	0.76	U
75-01-4	Vinyl chloride	ND	1.3	0.44	U
75-00-3	Chloroethane	ND	2.6	0.59	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.31	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A14
 Sample Amount : 4.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 13:02
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : 88
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U
79-01-6	Trichloroethene	ND	0.66	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.6	0.19	U
541-73-1	1,3-Dichlorobenzene	ND	2.6	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.6	0.22	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.26	U
179601-23-1	p/m-Xylene	ND	2.6	0.74	U
95-47-6	o-Xylene	ND	1.3	0.38	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.23	U
100-42-5	Styrene	0.75	1.3	0.26	J
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	13	13	6.3	
75-15-0	Carbon disulfide	ND	13	6.0	U
78-93-3	2-Butanone	3.0	13	2.9	J
108-10-1	4-Methyl-2-pentanone	ND	13	1.7	U
591-78-6	2-Hexanone	ND	13	1.6	U
106-93-4	1,2-Dibromoethane	ND	1.3	0.37	U
104-51-8	n-Butylbenzene	ND	1.3	0.22	U
135-98-8	sec-Butylbenzene	ND	1.3	0.19	U
98-06-6	tert-Butylbenzene	ND	2.6	0.16	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.9	1.3	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
99-87-6	p-Isopropyltoluene	1.4	1.3	0.14	
91-20-3	Naphthalene	ND	5.2	0.85	U
103-65-1	n-Propylbenzene	ND	1.3	0.22	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-10	Date Collected : 07/11/25 00:00
Client ID : DUP-01	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/23/25 13:02
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V31250723A14	Instrument ID : VOA131
Sample Amount : 4.3 g	GC Column : RTX-VMS
Level : LOW	%Solids : 88
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.6	0.36	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.25	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.44	U
79-20-9	Methyl Acetate	ND	5.2	1.2	U
110-82-7	Cyclohexane	ND	13	0.71	U
76-13-1	Freon-113	ND	5.2	0.91	U
108-87-2	Methyl cyclohexane	ND	5.2	0.79	U

Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-10R	Date Collected	: 07/11/25 00:00
Client ID	: DUP-01	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 10:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250724A08	Instrument ID	: VOA131
Sample Amount	: 1.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	20	9.0	U
75-34-3	1,1-Dichloroethane	ND	4.0	0.57	U
67-66-3	Chloroform	ND	5.9	0.55	U
56-23-5	Carbon tetrachloride	ND	4.0	0.91	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.49	U
124-48-1	Dibromochloromethane	ND	4.0	0.55	U
79-00-5	1,1,2-Trichloroethane	ND	4.0	1.0	U
127-18-4	Tetrachloroethene	ND	2.0	0.77	U
108-90-7	Chlorobenzene	ND	2.0	0.50	U
75-69-4	Trichlorofluoromethane	ND	16	2.7	U
107-06-2	1,2-Dichloroethane	ND	4.0	1.0	U
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.66	U
75-27-4	Bromodichloromethane	ND	2.0	0.43	U
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	1.1	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.62	U
75-25-2	Bromoform	ND	16	0.97	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.66	U
71-43-2	Benzene	ND	2.0	0.66	U
108-88-3	Toluene	ND	4.0	2.1	U
100-41-4	Ethylbenzene	ND	4.0	0.56	U
74-87-3	Chloromethane	ND	16	3.7	U
74-83-9	Bromomethane	ND	7.9	2.3	U
75-01-4	Vinyl chloride	ND	4.0	1.3	U
75-00-3	Chloroethane	ND	7.9	1.8	U
75-35-4	1,1-Dichloroethene	ND	4.0	0.94	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-10R	Date Collected : 07/11/25 00:00
Client ID : DUP-01	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/24/25 10:32
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V31250724A08	Instrument ID : VOA131
Sample Amount : 1.4 g	GC Column : RTX-VMS
Level : LOW	%Solids : 88
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	5.9	0.54	U
79-01-6	Trichloroethene	ND	2.0	0.54	U
95-50-1	1,2-Dichlorobenzene	ND	7.9	0.57	U
541-73-1	1,3-Dichlorobenzene	ND	7.9	0.58	U
106-46-7	1,4-Dichlorobenzene	ND	7.9	0.68	U
1634-04-4	Methyl tert butyl ether	ND	7.9	0.79	U
179601-23-1	p/m-Xylene	ND	7.9	2.2	U
95-47-6	o-Xylene	ND	4.0	1.1	U
156-59-2	cis-1,2-Dichloroethene	ND	4.0	0.69	U
100-42-5	Styrene	2.3	4.0	0.77	J
75-71-8	Dichlorodifluoromethane	ND	40	3.6	U
67-64-1	Acetone	ND	40	19.	U
75-15-0	Carbon disulfide	ND	40	18.	U
78-93-3	2-Butanone	ND	40	8.8	U
108-10-1	4-Methyl-2-pentanone	ND	40	5.0	U
591-78-6	2-Hexanone	ND	40	4.7	U
106-93-4	1,2-Dibromoethane	ND	4.0	1.1	U
104-51-8	n-Butylbenzene	ND	4.0	0.66	U
135-98-8	sec-Butylbenzene	ND	4.0	0.58	U
98-06-6	tert-Butylbenzene	ND	7.9	0.47	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.9	U
98-82-8	Isopropylbenzene	ND	4.0	0.43	U
99-87-6	p-Isopropyltoluene	0.56	4.0	0.43	J
91-20-3	Naphthalene	ND	16	2.6	U
103-65-1	n-Propylbenzene	ND	4.0	0.68	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-10R	Date Collected	: 07/11/25 00:00
Client ID	: DUP-01	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 10:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V31250724A08	Instrument ID	: VOA131
Sample Amount	: 1.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	7.9	1.1	U
108-67-8	1,3,5-Trimethylbenzene	ND	7.9	0.76	U
95-63-6	1,2,4-Trimethylbenzene	ND	7.9	1.3	U
79-20-9	Methyl Acetate	ND	16	3.8	U
110-82-7	Cyclohexane	ND	40	2.1	U
76-13-1	Freon-113	ND	16	2.7	U
108-87-2	Methyl cyclohexane	ND	16	2.4	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2094717-5
 Client ID : WG2094717-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/23/25 09:42
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : NA
 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	0.16	1.5	0.14	J
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2094717-5
 Client ID : WG2094717-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/23/25 09:42
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : NA
 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	0.60	1.0	0.20	J
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
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2094717-5
 Client ID : WG2094717-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250723A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/23/25 09:42
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2095142-5
 Client ID : WG2095142-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250724A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/24/25 09:25
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : NA
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2095142-5
 Client ID : WG2095142-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250724A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/24/25 09:25
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : NA
 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	0.60	1.0	0.20	J
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
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2095142-5
 Client ID : WG2095142-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V31250724A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/24/25 09:25
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA131
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2095398-5
 Client ID : WG2095398-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V27250725B05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/25/25 10:56
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA127
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	2.8	5.0	2.3	J
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2095398-5
 Client ID : WG2095398-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V27250725B05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/25/25 10:56
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA127
 GC Column : RTX-VMS
 %Solids : NA
 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
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2095398-5
 Client ID : WG2095398-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V27250725B05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/25/25 10:56
 Dilution Factor : 1
 Analyst : AJK
 Instrument ID : VOA127
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Evaluate Continuing Calibration Report

Data Path : K:\VOA131\2025\250716AICAL\
 Data File : V31250716A18.D
 Acq On : 16 Jul 2025 07:06 pm
 Operator : VOA131:JIC
 Sample : C8260STD40PPB
 Misc : WG2091733,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 17 08:01:13 2025
 Quant Method : K:\VOA131\2025\250716AICAL\V131_250716A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Jul 17 07:56:02 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44 TP	1,2-Dichloroethane	0.267	0.256	4.1	82	0.00
47 TP	Methyl cyclohexane	0.388	0.381	1.8	92	0.00
48 TP	Trichloroethene	0.251	0.241	4.0	86	0.00
50 TP	Dibromomethane	0.151	0.140	7.3	81	0.00
51 TP	1,2-Dichloropropane	0.221	0.215	2.7	83	0.00
53 TP	2-Chloroethyl vinyl ether	0.137	0.133	2.9	82	0.00
54 TP	Bromodichloromethane	0.317	0.297#	6.3	81	0.00
57 TP	1,4-Dioxane	0.00227	0.00269#	-18.5	105	0.00
58 TP	cis-1,3-Dichloropropene	0.361	0.350	3.0	81	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
60 S	Toluene-d8	1.249	1.273	-1.9	92	0.00
61 TP	Toluene	0.719	0.714	0.7	87	0.00
62 TP	4-Methyl-2-pentanone	0.101	0.092	8.9	77	0.00
63 TP	Tetrachloroethene	0.313	0.327	-4.5	90	0.00
65 TP	trans-1,3-Dichloropropene	0.412	0.403	2.2	81	0.00
67 TP	Ethyl methacrylate	0.372	0.364	2.2	83	0.00
68 TP	1,1,2-Trichloroethane	0.222	0.210	5.4	81	0.00
69 TP	Chlorodibromomethane	0.310	0.326	-5.2	85	0.00
70 TP	1,3-Dichloropropane	0.409	0.404	1.2	82	0.00
71 TP	1,2-Dibromoethane	0.254	0.256	-0.8	82	0.00
72 TP	2-Hexanone	0.205	0.174	15.1	79	0.00
73 TP	Chlorobenzene	0.844	0.848	-0.5	86	0.00
74 TP	Ethylbenzene	1.384	1.376	0.6	87	0.00
75 TP	1,1,1,2-Tetrachloroethane	0.306	0.306	0.0	83	0.00
76 TP	p/m Xylene	0.579	0.573	1.0	86	0.00
77 TP	o Xylene	0.572	0.558	2.4	85	0.00
78 TP	Styrene	* 80.000	72.405	9.5	83	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
80 TP	Bromoform	0.430	0.399	7.2	81	0.00
82 TP	Isopropylbenzene	2.398	2.522	-5.2	88	0.00
83 S	4-Bromofluorobenzene	0.694	0.711	-2.4	91	0.00
84 TP	Bromobenzene	0.637	0.664	-4.2	86	0.00
85 TP	n-Propylbenzene	2.887	3.046	-5.5	89	0.00
86 TP	1,4-Dichlorobutane	0.708	0.700	1.1	83	0.00
87 TP	1,1,2,2-Tetrachloroethane	0.601	0.574	4.5	79	0.00
88 TP	4-Ethyltoluene	2.380	2.549	-7.1	89	0.00
89 TP	2-Chlorotoluene	1.639	1.671	-2.0	83	0.00

Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA131
 Lab File ID : V31250723A02
 Sample No : WG2094717-2
 Channel :

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/23/25 08:36
 Init. Calib. Date(s) : 07/16/25 07/16/25
 Init. Calib. Times : 13:22 17:35

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	179	0
Dichlorodifluoromethane	0.235	0.209	-	11.1	20	150	0
Chloromethane	0.226	0.248	-	-9.7	20	183	-.01
Vinyl chloride	0.4	0.274	-	31.5*	20	111	0
Bromomethane	0.316	0.186	-	41.1*	20	94	0
Chloroethane	0.268	0.179	-	33.2*	20	104	.01
Trichlorofluoromethane	0.828	0.401	-	51.6*	20	76	0
Ethyl ether	0.284	0.142	-	50*	20	89	0
1,1-Dichloroethene	0.211	0.207	-	1.9	20	177	0
Carbon disulfide	0.72	0.749	-	-4	20	180	0
Freon-113	0.215	0.226	-	-5.1	20	190	0
Acrolein	0.04	0.051	-	-27.5*	20	232	0
Methylene chloride	40	40.738	-	-1.8	20	174	0
Acetone	40	62.272	-	-55.7*	20	245	.01
trans-1,2-Dichloroethene	0.23	0.235	-	-2.2	20	174	0
Methyl acetate	0.129	0.165	-	-27.9*	20	211	0
Methyl tert-butyl ether	0.644	0.634	-	1.6	20	163	0
tert-Butyl alcohol	0.027	0.027	-	0	20	179	.03
Diisopropyl ether	0.643	0.685	-	-6.5	20	175	0
1,1-Dichloroethane	0.377	0.383	-	-1.6	20	168	0
Halothane	0.167	0.148	-	11.4	20	148	0
Acrylonitrile	0.068	0.07	-	-2.9	20	176	0
Ethyl tert-butyl ether	0.638	0.683	-	-7.1	20	176	0
Vinyl acetate	0.447	0.457	-	-2.2	20	172	0
cis-1,2-Dichloroethene	0.254	0.225	-	11.4	20	147	0
2,2-Dichloropropane	0.309	0.313	-	-1.3	20	171	0
Bromochloromethane	0.129	0.109	-	15.5	20	139	0
Cyclohexane	0.32	0.362	-	-13.1	20	197	0
Chloroform	0.423	0.386	-	8.7	20	152	0
Ethyl acetate	0.222	0.203	-	8.6	20	160	0
Carbon tetrachloride	0.302	0.271	-	10.3	20	150	0
Tetrahydrofuran	0.067	0.059	-	11.9	20	160	0
Dibromofluoromethane	0.267	0.26	-	2.6	20	173	0
1,1,1-Trichloroethane	0.324	0.309	-	4.6	20	157	0
2-Butanone	0.097	0.092	-	5.2	20	163	0
1,1-Dichloropropene	0.269	0.263	-	2.2	20	165	0
Benzene	0.854	0.797	-	6.7	20	153	0
tert-Amyl methyl ether	0.639	0.599	-	6.3	20	153	0
1,2-Dichloroethane-d4	0.272	0.29	-	-6.6	20	197	0
1,2-Dichloroethane	0.267	0.279	-	-4.5	20	171	0
Methyl cyclohexane	0.388	0.362	-	6.7	20	167	0
Trichloroethene	0.251	0.219	-	12.7	20	150	0
Dibromomethane	0.151	0.133	-	11.9	20	147	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA131
 Lab File ID : V31250723A02
 Sample No : WG2094717-2
 Channel :

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/23/25 08:36
 Init. Calib. Date(s) : 07/16/25 07/16/25
 Init. Calib. Times : 13:22 17:35

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.221	0.224	-	-1.4	20	166	0
2-Chloroethyl vinyl ether	0.137	0.137	-	0	20	163	0
Bromodichloromethane	0.317	0.291*	-	8.2	20	151	0
1,4-Dioxane	0.00227	0.00205*	-	9.7	20	153	.05
cis-1,3-Dichloropropene	0.361	0.357	-	1.1	20	159	0
Chlorobenzene-d5	1	1	-	0	20	176	0
Toluene-d8	1.249	1.306	-	-4.6	20	178	0
Toluene	0.719	0.66	-	8.2	20	151	0
4-Methyl-2-pentanone	0.101	0.105	-	-4	20	164	0
Tetrachloroethene	0.313	0.292	-	6.7	20	151	0
trans-1,3-Dichloropropene	0.412	0.415	-	-0.7	20	157	0
Ethyl methacrylate	0.372	0.356	-	4.3	20	153	0
1,1,2-Trichloroethane	0.222	0.205	-	7.7	20	149	0
Chlorodibromomethane	0.31	0.289	-	6.8	20	141	0
1,3-Dichloropropane	0.409	0.413	-	-1	20	157	0
1,2-Dibromoethane	0.254	0.245	-	3.5	20	147	0
2-Hexanone	0.205	0.19	-	7.3	20	161	0
Chlorobenzene	0.844	0.76	-	10	20	144	0
Ethylbenzene	1.384	1.292	-	6.6	20	154	0
1,1,1,2-Tetrachloroethane	0.306	0.274	-	10.5	20	139	0
p/m Xylene	0.579	0.505	-	12.8	20	143	0
o Xylene	0.572	0.496	-	13.3	20	142	0
Styrene	80	63.868	-	20.2*	20	137	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	171	0
Bromoform	0.43	0.344	-	20	20	130	0
Isopropylbenzene	2.398	2.344	-	2.3	20	152	0
4-Bromofluorobenzene	0.694	0.879	-	-26.7*	20	209	0
Bromobenzene	0.637	0.601	-	5.7	20	144	0
n-Propylbenzene	2.887	2.82	-	2.3	20	153	0
1,4-Dichlorobutane	0.708	0.798	-	-12.7	20	176	0
1,1,2,2-Tetrachloroethane	0.601	0.584	-	2.8	20	150	0
4-Ethyltoluene	2.38	2.334	-	1.9	20	152	0
2-Chlorotoluene	1.639	1.641	-	-0.1	20	151	0
1,3,5-Trimethylbenzene	2.087	1.988	-	4.7	20	147	0
1,2,3-Trichloropropane	0.459	0.447	-	2.6	20	150	0
trans-1,4-Dichloro-2-buten	0.157	0.184	-	-17.2	20	181	0
4-Chlorotoluene	1.685	1.738	-	-3.1	20	159	0
tert-Butylbenzene	1.807	1.702	-	5.8	20	147	0
1,2,4-Trimethylbenzene	2.077	1.987	-	4.3	20	149	0
sec-Butylbenzene	2.679	2.596	-	3.1	20	150	0
p-Isopropyltoluene	2.384	2.226	-	6.6	20	147	0
1,3-Dichlorobenzene	1.29	1.173	-	9.1	20	142	0
1,4-Dichlorobenzene	1.324	1.184	-	10.6	20	142	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA131
 Lab File ID : V31250724A01
 Sample No : WG2095142-2
 Channel :

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/24/25 07:56
 Init. Calib. Date(s) : 07/16/25 07/16/25
 Init. Calib. Times : 13:22 17:35

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	171	0
Dichlorodifluoromethane	0.235	0.225	-	4.3	20	154	0
Chloromethane	0.226	0.279	-	-23.5*	20	197	-.02
Vinyl chloride	0.4	0.314	-	21.5*	20	122	0
Bromomethane	0.316	0.223	-	29.4*	20	108	0
Chloroethane	0.268	0.205	-	23.5*	20	113	0
Trichlorofluoromethane	0.828	0.409	-	50.6*	20	74	0
Ethyl ether	0.284	0.145	-	48.9*	20	87	0
1,1-Dichloroethene	0.211	0.184	-	12.8	20	150	0
Carbon disulfide	0.72	0.686	-	4.7	20	157	0
Freon-113	0.215	0.201	-	6.5	20	161	0
Acrolein	0.04	0.038	-	5	20	165	0
Methylene chloride	40	35.865	-	10.3	20	147	0
Acetone	40	40.837	-	-2.1	20	161	0
trans-1,2-Dichloroethene	0.23	0.208	-	9.6	20	147	0
Methyl acetate	0.129	0.122	-	5.4	20	148	0
Methyl tert-butyl ether	0.644	0.595	-	7.6	20	145	0
tert-Butyl alcohol	0.027	0.022	-	18.5	20	135	0
Diisopropyl ether	0.643	0.706	-	-9.8	20	171	0
1,1-Dichloroethane	0.377	0.406	-	-7.7	20	169	0
Halothane	0.167	0.153	-	8.4	20	145	0
Acrylonitrile	0.068	0.063	-	7.4	20	152	0
Ethyl tert-butyl ether	0.638	0.677	-	-6.1	20	167	0
Vinyl acetate	0.447	0.435	-	2.7	20	156	0
cis-1,2-Dichloroethene	0.254	0.237	-	6.7	20	148	0
2,2-Dichloropropane	0.309	0.326	-	-5.5	20	169	0
Bromochloromethane	0.129	0.104	-	19.4	20	127	0
Cyclohexane	0.32	0.38	-	-18.8	20	197	0
Chloroform	0.423	0.397	-	6.1	20	149	0
Ethyl acetate	0.222	0.18	-	18.9	20	135	0
Carbon tetrachloride	0.302	0.277	-	8.3	20	146	0
Tetrahydrofuran	0.067	0.052	-	22.4*	20	133	0
Dibromofluoromethane	0.267	0.252	-	5.6	20	160	0
1,1,1-Trichloroethane	0.324	0.324	-	0	20	157	0
2-Butanone	0.097	0.081	-	16.5	20	136	0
1,1-Dichloropropene	0.269	0.273	-	-1.5	20	162	0
Benzene	0.854	0.823	-	3.6	20	150	0
tert-Amyl methyl ether	0.639	0.568	-	11.1	20	139	0
1,2-Dichloroethane-d4	0.272	0.276	-	-1.5	20	179	0
1,2-Dichloroethane	0.267	0.271	-	-1.5	20	158	0
Methyl cyclohexane	0.388	0.373	-	3.9	20	164	0
Trichloroethene	0.251	0.226	-	10	20	148	0
Dibromomethane	0.151	0.126	-	16.6	20	133	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA131
 Lab File ID : V31250724A01
 Sample No : WG2095142-2
 Channel :

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/24/25 07:56
 Init. Calib. Date(s) : 07/16/25 07/16/25
 Init. Calib. Times : 13:22 17:35

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.221	0.226	-	-2.3	20	159	0
2-Chloroethyl vinyl ether	0.137	0.122	-	10.9	20	138	0
Bromodichloromethane	0.317	0.288*	-	9.1	20	142	0
1,4-Dioxane	0.00227	0.00175*	-	22.9*	20	124	.01
cis-1,3-Dichloropropene	0.361	0.351	-	2.8	20	149	0
Chlorobenzene-d5	1	1	-	0	20	160	0
Toluene-d8	1.249	1.346	-	-7.8	20	166	0
Toluene	0.719	0.705	-	1.9	20	146	0
4-Methyl-2-pentanone	0.101	0.092	-	8.9	20	132	0
Tetrachloroethene	0.313	0.304	-	2.9	20	143	0
trans-1,3-Dichloropropene	0.412	0.407	-	1.2	20	140	0
Ethyl methacrylate	0.372	0.328	-	11.8	20	128	0
1,1,2-Trichloroethane	0.222	0.199*	-	10.4	20	131	0
Chlorodibromomethane	0.31	0.28	-	9.7	20	124	0
1,3-Dichloropropane	0.409	0.406	-	0.7	20	140	0
1,2-Dibromoethane	0.254	0.233	-	8.3	20	127	0
2-Hexanone	0.205	0.166	-	19	20	127	0
Chlorobenzene	0.844	0.785	-	7	20	135	0
Ethylbenzene	1.384	1.352	-	2.3	20	146	0
1,1,1,2-Tetrachloroethane	0.306	0.276	-	9.8	20	127	0
p/m Xylene	0.579	0.526	-	9.2	20	135	0
o Xylene	0.572	0.511	-	10.7	20	132	0
Styrene	80	64.723	-	19.1	20	126	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	148	0
Bromoform	0.43	0.329	-	23.5*	20	108	0
Isopropylbenzene	2.398	2.549	-	-6.3	20	142	0
4-Bromofluorobenzene	0.694	0.892	-	-28.5*	20	184	0
Bromobenzene	0.637	0.624	-	2	20	130	0
n-Propylbenzene	2.887	3.098	-	-7.3	20	145	0
1,4-Dichlorobutane	0.708	0.803	-	-13.4	20	153	0
1,1,2,2-Tetrachloroethane	0.601	0.555	-	7.7	20	123	0
4-Ethyltoluene	2.38	2.56	-	-7.6	20	144	0
2-Chlorotoluene	1.639	1.806	-	-10.2	20	144	0
1,3,5-Trimethylbenzene	2.087	2.18	-	-4.5	20	139	0
1,2,3-Trichloropropane	0.459	0.437	-	4.8	20	126	0
trans-1,4-Dichloro-2-buten	0.157	0.169	-	-7.6	20	144	0
4-Chlorotoluene	1.685	1.87	-	-11	20	148	0
tert-Butylbenzene	1.807	1.834	-	-1.5	20	137	0
1,2,4-Trimethylbenzene	2.077	2.165	-	-4.2	20	140	0
sec-Butylbenzene	2.679	2.838	-	-5.9	20	142	0
p-Isopropyltoluene	2.384	2.426	-	-1.8	20	139	0
1,3-Dichlorobenzene	1.29	1.257	-	2.6	20	132	0
1,4-Dichlorobenzene	1.324	1.258	-	5	20	130	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA127
 Lab File ID : V27250725B01
 Sample No : WG2095398-2
 Channel :

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/25/25 09:33
 Init. Calib. Date(s) : 07/11/25 07/11/25
 Init. Calib. Times : 14:29 18:17

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.303	0.269	-	11.2	20	64	-.01
2-Chloroethyl vinyl ether	0.17	0.145	-	14.7	20	58	0
Bromodichloromethane	0.39	0.321	-	17.7	20	65	-.01
1,4-Dioxane	0.00223	0.00214*	-	4	20	71	-.01
cis-1,3-Dichloropropene	0.406	0.379	-	6.7	20	65	0
Chlorobenzene-d5	1	1	-	0	20	80	0
Toluene-d8	1.203	1.254	-	-4.2	20	83	0
Toluene	0.822	0.712	-	13.4	20	72	0
4-Methyl-2-pentanone	0.15	0.098	-	34.7*	20	51	0
Tetrachloroethene	0.313	0.334	-	-6.7	20	77	0
trans-1,3-Dichloropropene	0.48	0.409	-	14.8	20	63	0
Ethyl methacrylate	0.39	0.301	-	22.8*	20	62	0
1,1,2-Trichloroethane	0.236	0.204	-	13.6	20	67	0
Chlorodibromomethane	0.341	0.302	-	11.4	20	66	0
1,3-Dichloropropane	0.469	0.419	-	10.7	20	67	0
1,2-Dibromoethane	0.273	0.247	-	9.5	20	68	0
2-Hexanone	0.298	0.179	-	39.9*	20	51	0
Chlorobenzene	0.831	0.829	-	0.2	20	76	0
Ethylbenzene	1.422	1.376	-	3.2	20	74	0
1,1,1,2-Tetrachloroethane	0.31	0.306	-	1.3	20	72	0
p/m Xylene	0.546	0.55	-	-0.7	20	75	0
o Xylene	0.537	0.542	-	-0.9	20	75	0
Styrene	0.887	0.897	-	-1.1	20	75	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	84	0
Bromoform	0.422	0.323	-	23.5*	20	62	0
Isopropylbenzene	2.471	2.389	-	3.3	20	76	0
4-Bromofluorobenzene	0.861	0.822	-	4.5	20	82	0
Bromobenzene	0.68	0.64	-	5.9	20	77	0
n-Propylbenzene	2.947	2.855	-	3.1	20	76	0
1,4-Dichlorobutane	1.28	0.873	-	31.8*	20	58	0
1,1,2,2-Tetrachloroethane	0.647	0.513	-	20.7*	20	68	0
4-Ethyltoluene	2.476	2.452	-	1	20	77	0
2-Chlorotoluene	1.834	1.96	-	-6.9	20	84	0
1,3,5-Trimethylbenzene	2.191	2.154	-	1.7	20	78	0
1,2,3-Trichloropropane	0.499	0.406	-	18.6	20	66	0
trans-1,4-Dichloro-2-buten	0.261	0.175	-	33*	20	60	0
4-Chlorotoluene	1.961	1.808	-	7.8	20	74	0
tert-Butylbenzene	1.807	1.85	-	-2.4	20	79	0
1,2,4-Trimethylbenzene	2.184	2.101	-	3.8	20	77	0
sec-Butylbenzene	2.64	2.729	-	-3.4	20	79	0
p-Isopropyltoluene	2.295	2.444	-	-6.5	20	81	0
1,3-Dichlorobenzene	1.278	1.29	-	-0.9	20	82	0
1,4-Dichlorobenzene	1.295	1.317	-	-1.7	20	82	0

* Value outside of QC limits.



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-01
 Sample Amount : 30.14 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:13
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	100	160	21.	J
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	28.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	54.	U
121-14-2	2,4-Dinitrotoluene	ND	200	41.	U
606-20-2	2,6-Dinitrotoluene	ND	200	35.	U
206-44-0	Fluoranthene	1100	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	580	180	U
67-72-1	Hexachloroethane	ND	160	33.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	65	200	25.	J
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	70.	U
85-68-7	Butyl benzyl phthalate	130	200	51.	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-01
 Sample Amount : 30.14 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:13
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	69.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	43.	U
56-55-3	Benzo(a)anthracene	500	120	23.	
50-32-8	Benzo(a)pyrene	470	160	50.	
205-99-2	Benzo(b)fluoranthene	570	120	34.	
207-08-9	Benzo(k)fluoranthene	210	120	32.	
218-01-9	Chrysene	450	120	21.	
208-96-8	Acenaphthylene	46	160	31.	J
120-12-7	Anthracene	250	120	40.	
191-24-2	Benzo(ghi)perylene	260	160	24.	
86-73-7	Fluorene	110	200	20.	J
85-01-8	Phenanthrene	930	120	25.	
53-70-3	Dibenzo(a,h)anthracene	65	120	24.	J
193-39-5	Indeno(1,2,3-cd)pyrene	280	160	28.	
129-00-0	Pyrene	850	120	20.	
92-52-4	Biphenyl	ND	460	26.	U
106-47-8	4-Chloroaniline	ND	200	37.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	84.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-01
 Sample Amount : 30.14 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:13
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	62	200	19.	J
91-57-6	2-Methylnaphthalene	34	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	33.	U
105-67-9	2,4-Dimethylphenol	ND	200	67.	U
88-75-5	2-Nitrophenol	ND	440	76.	U
100-02-7	4-Nitrophenol	ND	280	83.	U
51-28-5	2,4-Dinitrophenol	ND	980	95.	U
534-52-1	4,6-Dinitro-o-cresol	ND	530	98.	U
87-86-5	Pentachlorophenol	ND	160	45.	U
108-95-2	Phenol	ND	200	31.	U
95-48-7	2-Methylphenol	ND	200	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	39.	U
86-74-8	Carbazole	110	200	20.	J
1912-24-9	Atrazine	ND	160	71.	U
100-52-7	Benzaldehyde	ND	270	55.	U
105-60-2	Caprolactam	ND	200	62.	U



Results Summary
Form 1
Semivolatile Organics by GC/MS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2543652-01
Client ID : SS-101
Sample Location : 160 CENTER STREET, CANASTOTA, NY
Sample Matrix : SOIL
Analytical Method : 1,8270E
Lab File ID : 43652-01
Sample Amount : 30.14 g
Extraction Method : EPA 3546
Extract Volume : 1000 uL
GPC Cleanup : N

Lab Number : L2543652
Project Number : W96.013.001
Date Collected : 07/11/25 09:10
Date Received : 07/11/25
Date Analyzed : 07/22/25 10:13
Date Extracted : 07/21/25
Dilution Factor : 1
Analyst : SLR
Instrument ID : SV103
GC Column : RTX5-MS
%Solids : 82
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U
123-91-1	1,4-Dioxane	ND	30	9.4	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-02
 Client ID : SS-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-02
 Sample Amount : 30.64 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:30
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 08:29
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	22	160	21.	J
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	28.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	54.	U
121-14-2	2,4-Dinitrotoluene	ND	200	41.	U
606-20-2	2,6-Dinitrotoluene	ND	200	35.	U
206-44-0	Fluoranthene	410	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	590	180	U
67-72-1	Hexachloroethane	ND	160	33.	U
78-59-1	Isophorone	ND	180	27.	U
91-20-3	Naphthalene	55	200	25.	J
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	71.	U
85-68-7	Butyl benzyl phthalate	ND	200	52.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-02
 Client ID : SS-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-02
 Sample Amount : 30.64 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:30
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 08:29
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	39.	U
117-84-0	Di-n-octylphthalate	ND	200	70.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	43.	U
56-55-3	Benzo(a)anthracene	220	120	23.	
50-32-8	Benzo(a)pyrene	220	160	50.	
205-99-2	Benzo(b)fluoranthene	300	120	34.	
207-08-9	Benzo(k)fluoranthene	86	120	33.	J
218-01-9	Chrysene	250	120	21.	
208-96-8	Acenaphthylene	ND	160	32.	U
120-12-7	Anthracene	69	120	40.	J
191-24-2	Benzo(ghi)perylene	140	160	24.	J
86-73-7	Fluorene	33	200	20.	J
85-01-8	Phenanthrene	360	120	25.	
53-70-3	Dibenzo(a,h)anthracene	40	120	24.	J
193-39-5	Indeno(1,2,3-cd)pyrene	140	160	28.	J
129-00-0	Pyrene	340	120	20.	
92-52-4	Biphenyl	ND	470	27.	U
106-47-8	4-Chloroaniline	ND	200	37.	U
88-74-4	2-Nitroaniline	ND	200	40.	U
99-09-2	3-Nitroaniline	ND	200	39.	U
100-01-6	4-Nitroaniline	ND	200	85.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-02
 Client ID : SS-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-02
 Sample Amount : 30.64 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:30
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 08:29
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	25	200	19.	J
91-57-6	2-Methylnaphthalene	82	250	25.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	33.	U
105-67-9	2,4-Dimethylphenol	ND	200	68.	U
88-75-5	2-Nitrophenol	ND	440	77.	U
100-02-7	4-Nitrophenol	ND	290	84.	U
51-28-5	2,4-Dinitrophenol	ND	980	96.	U
534-52-1	4,6-Dinitro-o-cresol	ND	530	98.	U
87-86-5	Pentachlorophenol	ND	160	45.	U
108-95-2	Phenol	ND	200	31.	U
95-48-7	2-Methylphenol	ND	200	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	39.	U
86-74-8	Carbazole	30	200	20.	J
1912-24-9	Atrazine	ND	160	72.	U
100-52-7	Benzaldehyde	68	270	55.	J
105-60-2	Caprolactam	ND	200	62.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-02	Date Collected	: 07/11/25 09:30
Client ID	: SS-102	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/22/25 08:29
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43652-02	Analyst	: SLR
Sample Amount	: 30.64 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-03
 Sample Amount : 30.66 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:34
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	120	180	23.	J
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	1300	130	26.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	50	220	27.	J
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	120	220	56.	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-03
 Sample Amount : 30.66 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:34
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	76.	U
84-66-2	Diethyl phthalate	ND	220	21.	U
131-11-3	Dimethyl phthalate	ND	220	47.	U
56-55-3	Benzo(a)anthracene	640	130	25.	
50-32-8	Benzo(a)pyrene	590	180	54.	
205-99-2	Benzo(b)fluoranthene	750	130	38.	
207-08-9	Benzo(k)fluoranthene	250	130	36.	
218-01-9	Chrysene	610	130	23.	
208-96-8	Acenaphthylene	41	180	34.	J
120-12-7	Anthracene	280	130	43.	
191-24-2	Benzo(ghi)perylene	340	180	26.	
86-73-7	Fluorene	120	220	22.	J
85-01-8	Phenanthrene	1100	130	27.	
53-70-3	Dibenzo(a,h)anthracene	85	130	26.	J
193-39-5	Indeno(1,2,3-cd)pyrene	370	180	31.	
129-00-0	Pyrene	1100	130	22.	
92-52-4	Biphenyl	ND	510	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-03
 Sample Amount : 30.66 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:34
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	60	220	21.	J
91-57-6	2-Methylnaphthalene	40	270	27.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	74.	U
88-75-5	2-Nitrophenol	ND	480	84.	U
100-02-7	4-Nitrophenol	ND	310	91.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	110	220	22.	J
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-03	Date Collected	: 07/11/25 09:50
Client ID	: SS-103	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/22/25 10:34
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43652-03	Analyst	: SLR
Sample Amount	: 30.66 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U
123-91-1	1,4-Dioxane	ND	33	10.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-04
 Client ID : SS-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-04
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 10:20
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 12:19
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 75
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	970	180	23.	
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	11000	130	25.	E
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	35.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	780	220	27.	
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	82	220	76.	J
85-68-7	Butyl benzyl phthalate	ND	220	55.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-04
 Client ID : SS-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-04
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 10:20
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 12:19
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 75
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	74.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	6200	130	25.	
50-32-8	Benzo(a)pyrene	6000	180	53.	
205-99-2	Benzo(b)fluoranthene	7800	130	37.	
207-08-9	Benzo(k)fluoranthene	2400	130	35.	
218-01-9	Chrysene	5800	130	23.	
208-96-8	Acenaphthylene	490	180	34.	
120-12-7	Anthracene	2500	130	43.	
191-24-2	Benzo(ghi)perylene	3100	180	26.	
86-73-7	Fluorene	960	220	21.	
85-01-8	Phenanthrene	8800	130	27.	E
53-70-3	Dibenzo(a,h)anthracene	850	130	25.	
193-39-5	Indeno(1,2,3-cd)pyrene	3600	180	30.	
129-00-0	Pyrene	9000	130	22.	E
92-52-4	Biphenyl	89	500	28.	J
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	91.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-04
 Client ID : SS-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-04
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 10:20
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 12:19
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 75
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	600	220	21.	
91-57-6	2-Methylnaphthalene	460	260	26.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	310	89.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	180	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	69	320	34.	J
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	1000	220	21.	
1912-24-9	Atrazine	ND	180	77.	U
100-52-7	Benzaldehyde	120	290	59.	J
105-60-2	Caprolactam	ND	220	67.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-04	Date Collected	: 07/11/25 10:20
Client ID	: SS-104	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/22/25 12:19
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43652-04	Analyst	: JG
Sample Amount	: 30.51 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-04D	Date Collected	: 07/11/25 10:20
Client ID	: SS-104	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 17:07
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 3652-04	Analyst	: SLR
Sample Amount	: 30.51 g	Instrument ID	: SV124
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
206-44-0	Fluoranthene	15000	660	120	
85-01-8	Phenanthrene	10000	660	130	
129-00-0	Pyrene	12000	660	110	



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-05
 Client ID : SS-106
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-05
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:58
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	280	150	20.	
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	2800	110	22.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	760	190	23.	
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	150	190	65.	J
85-68-7	Butyl benzyl phthalate	97	190	48.	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-05
 Client ID : SS-106
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-05
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:58
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	1400	110	21.	
50-32-8	Benzo(a)pyrene	1400	150	46.	
205-99-2	Benzo(b)fluoranthene	1800	110	32.	
207-08-9	Benzo(k)fluoranthene	610	110	30.	
218-01-9	Chrysene	1300	110	20.	
208-96-8	Acenaphthylene	160	150	29.	
120-12-7	Anthracene	620	110	37.	
191-24-2	Benzo(ghi)perylene	780	150	22.	
86-73-7	Fluorene	300	190	18.	
85-01-8	Phenanthrene	2500	110	23.	
53-70-3	Dibenzo(a,h)anthracene	200	110	22.	
193-39-5	Indeno(1,2,3-cd)pyrene	890	150	26.	
129-00-0	Pyrene	2100	110	19.	
92-52-4	Biphenyl	100	430	24.	J
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	78.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-05
 Client ID : SS-106
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-05
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:58
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 87
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	350	190	18.	
91-57-6	2-Methylnaphthalene	940	230	23.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	96	190	23.	J
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	410	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	910	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	91.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	310	190	18.	
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	270	250	51.	
105-60-2	Caprolactam	ND	190	57.	U



Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-05	Date Collected	: 07/11/25 09:00
Client ID	: SS-106	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/22/25 11:58
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43652-05	Analyst	: SLR
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-06
 Sample Amount : 30.85 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 05:21
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	160	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	26.	U
91-58-7	2-Chloronaphthalene	ND	200	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U
606-20-2	2,6-Dinitrotoluene	ND	200	33.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	25.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	67.	U
85-68-7	Butyl benzyl phthalate	ND	200	49.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-06
 Sample Amount : 30.85 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 05:21
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	66.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	160	48.	U
205-99-2	Benzo(b)fluoranthene	ND	120	33.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	160	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	440	25.	U
106-47-8	4-Chloroaniline	ND	200	35.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	81.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-06
 Sample Amount : 30.85 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 05:21
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	200	18.	U
91-57-6	2-Methylnaphthalene	ND	230	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	20.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	31.	U
105-67-9	2,4-Dimethylphenol	ND	200	64.	U
88-75-5	2-Nitrophenol	ND	420	73.	U
100-02-7	4-Nitrophenol	ND	270	80.	U
51-28-5	2,4-Dinitrophenol	ND	940	91.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	94.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	29.	U
95-48-7	2-Methylphenol	ND	200	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	37.	U
86-74-8	Carbazole	ND	200	19.	U
1912-24-9	Atrazine	ND	160	68.	U
100-52-7	Benzaldehyde	ND	260	53.	U
105-60-2	Caprolactam	ND	200	59.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-06	Date Collected	: 07/11/25 12:30
Client ID	: SS-107	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/22/25 05:21
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43652-06	Analyst	: SLR
Sample Amount	: 30.85 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	39.	U
123-91-1	1,4-Dioxane	ND	29	9.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-07
 Sample Amount : 30.14 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:55
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	660	160	21.	
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	28.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	54.	U
121-14-2	2,4-Dinitrotoluene	ND	200	41.	U
606-20-2	2,6-Dinitrotoluene	ND	200	35.	U
206-44-0	Fluoranthene	7100	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	580	180	U
67-72-1	Hexachloroethane	ND	160	33.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	110	200	25.	J
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	71.	U
85-68-7	Butyl benzyl phthalate	100	200	51.	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-07
 Sample Amount : 30.14 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:55
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	39.	U
117-84-0	Di-n-octylphthalate	ND	200	69.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	43.	U
56-55-3	Benzo(a)anthracene	4600	120	23.	
50-32-8	Benzo(a)pyrene	3900	160	50.	
205-99-2	Benzo(b)fluoranthene	4900	120	34.	
207-08-9	Benzo(k)fluoranthene	1600	120	33.	
218-01-9	Chrysene	3800	120	21.	
208-96-8	Acenaphthylene	560	160	32.	
120-12-7	Anthracene	2200	120	40.	
191-24-2	Benzo(ghi)perylene	1800	160	24.	
86-73-7	Fluorene	740	200	20.	
85-01-8	Phenanthrene	6000	120	25.	
53-70-3	Dibenzo(a,h)anthracene	560	120	24.	
193-39-5	Indeno(1,2,3-cd)pyrene	2100	160	28.	
129-00-0	Pyrene	5600	120	20.	
92-52-4	Biphenyl	36	460	26.	J
106-47-8	4-Chloroaniline	ND	200	37.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	84.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-07
 Sample Amount : 30.14 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 10:55
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	460	200	19.	
91-57-6	2-Methylnaphthalene	340	240	25.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	33.	U
105-67-9	2,4-Dimethylphenol	ND	200	67.	U
88-75-5	2-Nitrophenol	ND	440	77.	U
100-02-7	4-Nitrophenol	ND	280	83.	U
51-28-5	2,4-Dinitrophenol	ND	980	95.	U
534-52-1	4,6-Dinitro-o-cresol	ND	530	98.	U
87-86-5	Pentachlorophenol	ND	160	45.	U
108-95-2	Phenol	ND	200	31.	U
95-48-7	2-Methylphenol	ND	200	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	39.	U
86-74-8	Carbazole	230	200	20.	
1912-24-9	Atrazine	ND	160	71.	U
100-52-7	Benzaldehyde	ND	270	55.	U
105-60-2	Caprolactam	ND	200	62.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-07	Date Collected	: 07/11/25 11:15
Client ID	: SS-108	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/22/25 10:55
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43652-07	Analyst	: SLR
Sample Amount	: 30.14 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U
123-91-1	1,4-Dioxane	ND	31	9.4	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-08
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 08:50
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 67
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	190	25.	U
118-74-1	Hexachlorobenzene	ND	140	27.	U
111-44-4	Bis(2-chloroethyl)ether	ND	220	33.	U
91-58-7	2-Chloronaphthalene	ND	240	24.	U
91-94-1	3,3'-Dichlorobenzidine	ND	240	65.	U
121-14-2	2,4-Dinitrotoluene	ND	240	49.	U
606-20-2	2,6-Dinitrotoluene	ND	240	42.	U
206-44-0	Fluoranthene	880	140	28.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	26.	U
101-55-3	4-Bromophenyl phenyl ether	ND	240	37.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	290	42.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	260	24.	U
87-68-3	Hexachlorobutadiene	ND	240	36.	U
77-47-4	Hexachlorocyclopentadiene	ND	700	220	U
67-72-1	Hexachloroethane	ND	190	39.	U
78-59-1	Isophorone	ND	220	32.	U
91-20-3	Naphthalene	40	240	30.	J
98-95-3	Nitrobenzene	ND	220	36.	U
86-30-6	NDPA/DPA	ND	190	28.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	240	38.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	240	84.	U
85-68-7	Butyl benzyl phthalate	ND	240	61.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-08
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 08:50
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 67
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	240	46.	U
117-84-0	Di-n-octylphthalate	ND	240	83.	U
84-66-2	Diethyl phthalate	ND	240	22.	U
131-11-3	Dimethyl phthalate	ND	240	51.	U
56-55-3	Benzo(a)anthracene	300	140	27.	
50-32-8	Benzo(a)pyrene	340	190	59.	
205-99-2	Benzo(b)fluoranthene	490	140	41.	
207-08-9	Benzo(k)fluoranthene	150	140	39.	
218-01-9	Chrysene	370	140	25.	
208-96-8	Acenaphthylene	64	190	38.	J
120-12-7	Anthracene	68	140	47.	J
191-24-2	Benzo(ghi)perylene	220	190	28.	
86-73-7	Fluorene	35	240	24.	J
85-01-8	Phenanthrene	640	140	30.	
53-70-3	Dibenzo(a,h)anthracene	50	140	28.	J
193-39-5	Indeno(1,2,3-cd)pyrene	240	190	34.	
129-00-0	Pyrene	710	140	24.	
92-52-4	Biphenyl	ND	550	32.	U
106-47-8	4-Chloroaniline	ND	240	44.	U
88-74-4	2-Nitroaniline	ND	240	47.	U
99-09-2	3-Nitroaniline	ND	240	46.	U
100-01-6	4-Nitroaniline	ND	240	100	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-08
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 08:50
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 67
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	31	240	23.	J
91-57-6	2-Methylnaphthalene	ND	290	29.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	240	25.	U
98-86-2	Acetophenone	ND	240	30.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	46.	U
59-50-7	p-Chloro-m-cresol	ND	240	36.	U
95-57-8	2-Chlorophenol	ND	240	29.	U
120-83-2	2,4-Dichlorophenol	ND	220	39.	U
105-67-9	2,4-Dimethylphenol	ND	240	80.	U
88-75-5	2-Nitrophenol	ND	520	91.	U
100-02-7	4-Nitrophenol	ND	340	99.	U
51-28-5	2,4-Dinitrophenol	ND	1200	110	U
534-52-1	4,6-Dinitro-o-cresol	ND	630	120	U
87-86-5	Pentachlorophenol	ND	190	53.	U
108-95-2	Phenol	ND	240	37.	U
95-48-7	2-Methylphenol	ND	240	38.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	350	38.	U
95-95-4	2,4,5-Trichlorophenol	ND	240	46.	U
86-74-8	Carbazole	93	240	24.	J
1912-24-9	Atrazine	ND	190	85.	U
100-52-7	Benzaldehyde	ND	320	66.	U
105-60-2	Caprolactam	ND	240	74.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-08	Date Collected	: 07/11/25 11:40
Client ID	: SS-109	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/22/25 08:50
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43652-08	Analyst	: SLR
Sample Amount	: 30.51 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 67
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	240	49.	U
123-91-1	1,4-Dioxane	ND	36	11.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-09
 Client ID : SS-110
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-09
 Sample Amount : 30.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:37
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 74
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	91	180	23.	J
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	2600	130	25.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	110	220	27.	J
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	100	220	56.	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-09
 Client ID : SS-110
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-09
 Sample Amount : 30.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:37
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 74
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	75.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	1400	130	25.	
50-32-8	Benzo(a)pyrene	1600	180	54.	
205-99-2	Benzo(b)fluoranthene	1800	130	37.	
207-08-9	Benzo(k)fluoranthene	630	130	35.	
218-01-9	Chrysene	1300	130	23.	
208-96-8	Acenaphthylene	100	180	34.	J
120-12-7	Anthracene	460	130	43.	
191-24-2	Benzo(ghi)perylene	960	180	26.	
86-73-7	Fluorene	140	220	22.	J
85-01-8	Phenanthrene	1400	130	27.	
53-70-3	Dibenzo(a,h)anthracene	230	130	26.	
193-39-5	Indeno(1,2,3-cd)pyrene	1000	180	31.	
129-00-0	Pyrene	2100	130	22.	
92-52-4	Biphenyl	ND	500	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-09
 Client ID : SS-110
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-09
 Sample Amount : 30.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:37
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 74
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	76	220	21.	J
91-57-6	2-Methylnaphthalene	59	260	27.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	83.	U
100-02-7	4-Nitrophenol	ND	310	90.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	110	220	22.	J
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	67.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-09	Date Collected : 07/11/25 12:00
Client ID : SS-110	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/22/25 11:37
Sample Matrix : SOIL	Date Extracted : 07/21/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 43652-09	Analyst : SLR
Sample Amount : 30.39 g	Instrument ID : SV103
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 74
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-10
 Sample Amount : 30.2 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:16
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	170	150	20.	
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	2200	110	22.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	150	190	23.	J
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	94	190	47.	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-10
 Sample Amount : 30.2 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:16
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	42	190	36.	J
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	1000	110	21.	
50-32-8	Benzo(a)pyrene	1000	150	46.	
205-99-2	Benzo(b)fluoranthene	1300	110	32.	
207-08-9	Benzo(k)fluoranthene	450	110	30.	
218-01-9	Chrysene	980	110	20.	
208-96-8	Acenaphthylene	110	150	29.	J
120-12-7	Anthracene	480	110	37.	
191-24-2	Benzo(ghi)perylene	580	150	22.	
86-73-7	Fluorene	190	190	18.	
85-01-8	Phenanthrene	1800	110	23.	
53-70-3	Dibenzo(a,h)anthracene	140	110	22.	
193-39-5	Indeno(1,2,3-cd)pyrene	640	150	26.	
129-00-0	Pyrene	1800	110	19.	
92-52-4	Biphenyl	ND	430	24.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	78.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 43652-10
 Sample Amount : 30.2 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 11:16
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	120	190	18.	J
91-57-6	2-Methylnaphthalene	67	230	23.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	410	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	900	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	230	190	18.	
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	ND	250	51.	U
105-60-2	Caprolactam	ND	190	57.	U



Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-10	Date Collected	: 07/11/25 00:00
Client ID	: DUP-01	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/22/25 11:16
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 43652-10	Analyst	: SLR
Sample Amount	: 30.2 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.7	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092716-1
 Client ID : WG2092716-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 092716-1
 Sample Amount : 30.57 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/21/25 08:16
 Date Extracted : 07/20/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV124
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	98	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	98	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	56.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092716-1
 Client ID : WG2092716-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 092716-1
 Sample Amount : 30.57 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/21/25 08:16
 Date Extracted : 07/20/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV124
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	98	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	98	28.	U
207-08-9	Benzo(k)fluoranthene	ND	98	26.	U
218-01-9	Chrysene	ND	98	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	98	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	98	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	98	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	98	16.	U
92-52-4	Biphenyl	ND	370	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092716-1
 Client ID : WG2092716-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 092716-1
 Sample Amount : 30.57 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/21/25 08:16
 Date Extracted : 07/20/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV124
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	160	15.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	98	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	350	61.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	780	76.	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	78.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	57.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092716-1
 Client ID : WG2092716-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 092716-1
 Sample Amount : 30.57 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/21/25 08:16
 Date Extracted : 07/20/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV124
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	24	7.5	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092849-1
 Client ID : WG2092849-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 092849-1
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/22/25 02:13
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	99	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	99	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092849-1
 Client ID : WG2092849-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 092849-1
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/22/25 02:13
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	99	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	99	28.	U
207-08-9	Benzo(k)fluoranthene	ND	99	26.	U
218-01-9	Chrysene	ND	99	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	99	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	99	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	99	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	99	16.	U
92-52-4	Biphenyl	ND	380	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092849-1
 Client ID : WG2092849-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 092849-1
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/22/25 02:13
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	99	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	790	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	79.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092849-1
 Client ID : WG2092849-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 092849-1
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/22/25 02:13
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV103
 Lab File ID : ABN0721N
 Sample No : WG2093286-3
 Channel :

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/22/25 01:10
 Init. Calib. Date(s) : 06/03/25 06/04/25
 Init. Calib. Times : 20:16 07:25

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	98	0
n-Nitrosodimethylamine	0.844	0.708	-	16.1	20	81	0
Pyridine	1.411	1.207	-	14.5	20	80	0
2-Fluorophenol	1.267	1.137	-	10.3	20	87	0
Aniline	2.27	1.834	-	19.2	20	79	0
2-Chlorophenol	1.383	1.274	-	7.9	20	88	0
Phenol-d6	1.611	1.365	-	15.3	20	82	0
Phenol	1.929	1.477	-	23.4*	20	75	0
Bis(2-chloroethyl)ether	1.355	1.143	-	15.6	20	85	0
1,3-Dichlorobenzene	1.577	1.432	-	9.2	20	92	0
1,4-Dichlorobenzene	1.62	1.456	-	10.1	20	91	0
1,2-Dichlorobenzene	1.541	1.378	-	10.6	20	91	0
Benzyl alcohol	1.201	0.999	-	16.8	20	78	0
Bis(2-chloroisopropyl)ethe	1.82	1.778	-	2.3	20	97	0
2-Methylphenol	1.29	1.123	-	12.9	20	85	0
Hexachloroethane	0.616	0.536	-	13	20	85	0
n-Nitrosodi-n-propylamine	1.068	0.849	-	20.5*	20	76	0
3-Methylphenol/4-Methylphe	1.384	1.191	-	13.9	20	83	0
Nitrobenzene-d5	1.496	1.218	-	18.6	20	77	0
Nitrobenzene	1.54	1.254	-	18.6	20	77	0
Isophorone	2.84	2.27	-	20.1*	20	77	0
2-Nitrophenol	0.571	0.683	-	-19.6	20	106	0
2,4-Dimethylphenol	1.485	1.215	-	18.2	20	79	0
Bis(2-chloroethoxy)methane	1.786	1.473	-	17.5	20	81	0
2,4-Dichlorophenol	1.155	1.09	-	5.6	20	88	0
1,2,4-Trichlorobenzene	1.304	1.166	-	10.6	20	90	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.095	0.926	-	15.4	20	86	0
Benzoic Acid	50	46.695	-	6.6	20	99	0
4-Chloroaniline	0.151	0.119	-	21.2*	20	78	0
Hexachlorobutadiene	0.199	0.174	-	12.6	20	88	0
p-Chloro-m-cresol	0.322	0.274	-	14.9	20	82	0
2-Methylnaphthalene	0.657	0.564	-	14.2	20	87	0
1-Methylnaphthalene	0.267	0.208	-	22.1*	20	79	0
Hexachlorocyclopentadiene	0.233	0.237	-	-1.7	20	98	0
2,4,6-Trichlorophenol	0.2	0.208	-	-4	20	96	0
2,4,5-Trichlorophenol	0.225	0.228	-	-1.3	20	94	0
2-Fluorobiphenyl	0.826	0.684	-	17.2	20	84	0
2-Chloronaphthalene	0.691	0.608	-	12	20	89	0
2-Nitroaniline	0.207	0.213	-	-2.9	20	92	0
1,4-Dinitrobenzene	50	45.241	-	9.5	20	94	0
1,3-Dinitrobenzene	0.105	0.108	-	-2.9	20	91	0
Dimethyl phthalate	0.824	0.735	-	10.8	20	89	0

* Value outside of QC limits.



Matrix Spike Sample Summary

Form 3

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : SS-101
 Lab Sample ID : L2543652-01
 Matrix Spike : WG2092102-4
 Matrix Spike Dup : WG2092102-5

Lab Number : L2543652
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 07/19/25 10:09
 MS Analysis Date : 07/19/25 10:27
 MSD Analysis Date : 07/19/25 10:45

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			
2,4-D	ND	202	108J	53	202	151J	75	33 Q	30-150	30
2,4,5-T	ND	202	118J	58	202	165J	82	33 Q	30-150	30
2,4,5-TP (Silvex)	ND	202	118J	58	202	162J	80	31 Q	30-150	30



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-01	Date Collected	: 07/11/25 09:10
Client ID	: SS-101	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/19/25 10:09
Sample Matrix	: SOIL	Date Extracted	: 07/18/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250719a-06	Analyst	: EJL
Sample Amount	: 30.66 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	200	12.6	U
93-76-5	2,4,5-T	ND	200	6.20	U
93-72-1	2,4,5-TP (Silvex)	ND	200	5.32	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2543652-03
Client ID : SS-103
Sample Location : 160 CENTER STREET, CANASTOTA, NY
Sample Matrix : SOIL
Analytical Method : 1,8151A
Lab File ID : 17250719a-09
Sample Amount : 30.75 g
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2543652
Project Number : W96.013.001
Date Collected : 07/11/25 09:50
Date Received : 07/11/25
Date Analyzed : 07/19/25 11:03
Date Extracted : 07/18/25
Dilution Factor : 1
Analyst : EJJ
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : 73
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	222	14.0	U
93-76-5	2,4,5-T	ND	222	6.89	U
93-72-1	2,4,5-TP (Silvex)	ND	222	5.91	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2543652-06
Client ID : SS-107
Sample Location : 160 CENTER STREET, CANASTOTA, NY
Sample Matrix : SOIL
Analytical Method : 1,8151A
Lab File ID : 15250717a-13
Sample Amount : 30.27 g
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2543652
Project Number : W96.013.001
Date Collected : 07/11/25 12:30
Date Received : 07/11/25
Date Analyzed : 07/17/25 10:55
Date Extracted : 07/15/25
Dilution Factor : 1
Analyst : EJJ
Instrument ID : PEST15
GC Column : STX-CLP1
%Solids : 83
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	199	12.5	U
93-76-5	2,4,5-T	ND	199	6.16	U
93-72-1	2,4,5-TP (Silvex)	ND	199	5.29	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-07	Date Collected	: 07/11/25 11:15
Client ID	: SS-108	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/17/25 11:14
Sample Matrix	: SOIL	Date Extracted	: 07/15/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250717a-14	Analyst	: EJL
Sample Amount	: 30.74 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	200	12.6	U
93-76-5	2,4,5-T	ND	200	6.20	U
93-72-1	2,4,5-TP (Silvex)	ND	200	5.32	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-08	Date Collected	: 07/11/25 11:40
Client ID	: SS-109	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:50
Sample Matrix	: SOIL	Date Extracted	: 07/15/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250715a-70	Analyst	: EJL
Sample Amount	: 30.66 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 67
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	242	15.2	U
93-76-5	2,4,5-T	ND	242	7.50	U
93-72-1	2,4,5-TP (Silvex)	ND	242	6.44	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-10	Date Collected : 07/11/25 00:00
Client ID : DUP-01	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/16/25 13:09
Sample Matrix : SOIL	Date Extracted : 07/15/25
Analytical Method : 1,8151A	Dilution Factor : 1
Lab File ID : 17250715a-71	Analyst : EJJ
Sample Amount : 30.27 g	Instrument ID : PEST17
Extraction Method : EPA 8151A	GC Column : STX-CLP1
Extract Volume : 10000 uL	%Solids : 88
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : N	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	188	11.8	U
93-76-5	2,4,5-T	ND	188	5.82	U
93-72-1	2,4,5-TP (Silvex)	ND	188	5.00	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2090527-1
Client ID : WG2090527-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,8151A
Lab File ID : 17250715a-47
Sample Amount : 30.61 g
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2543652
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 07/16/25 05:54
Date Extracted : 07/14/25
Dilution Factor : 1
Analyst : EJJ
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : NA
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	163	10.3	U
93-76-5	2,4,5-T	ND	163	5.06	U
93-72-1	2,4,5-TP (Silvex)	ND	163	4.34	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2091049-1
Client ID : WG2091049-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,8151A
Lab File ID : 15250717a-02
Sample Amount : 30.25 g
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2543652
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 07/17/25 07:30
Date Extracted : 07/15/25
Dilution Factor : 1
Analyst : EJJ
Instrument ID : PEST15
GC Column : STX-CLP1
%Solids : NA
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	165	10.4	U
93-76-5	2,4,5-T	ND	165	5.12	U
93-72-1	2,4,5-TP (Silvex)	ND	165	4.40	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092102-1
 Client ID : WG2092102-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 17250719a-02
 Sample Amount : 30.55 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/19/25 08:56
 Date Extracted : 07/17/25
 Dilution Factor : 1
 Analyst : EJJ
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	164	10.3	U
93-76-5	2,4,5-T	ND	164	5.07	U
93-72-1	2,4,5-TP (Silvex)	ND	164	4.35	U



Calibration Verification Summary

Form 7

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : PEST15
 Lab File ID : 15250717a-01
 Sample No : WG2091710-1
 Channel : A

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/17/25 06:27
 Init. Calib. Date(s) : 04/15/25 04/15/25
 Init. Calib. Times : 18:15 19:52

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	115	0
Dalapon	0.182	0.187	-	-2.7	15	118	0
DCAA (surrogate)	0.187	0.189	-	-1.1	15	117	0
Dicamba	0.596	0.588	-	1.3	15	116	0
MCPD	18.8	12.933	-	31.2*	15	80	0
MCPA	18.6	14.515	-	22*	15	91	0
Dichloroprop	0.19	0.195	-	-2.6	15	119	0
2,4-D	0.22	0.143	-	35*	15	76	0
2,4,5-TP (Silvex)	0.79	0.81	-	-2.5	15	120	0
2,4,5-T	0.759	0.818	-	-7.8	15	128	0
2,4-DB	0.127	0.116	-	8.7	15	108	0
Dinoseb	0.405	0.617	-	-52.3*	15	178	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : PEST17
 Lab File ID : 17250719a-01
 Sample No : WG2092558-1
 Channel : B

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/19/25 06:42
 Init. Calib. Date(s) : 06/12/25 06/12/25
 Init. Calib. Times : 12:31 14:06

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4,4'-DBOB	1	1	-	0	15	107	0
Dalapon	0.234	0.237	-	-1.3	15	107	0
DCAA (surrogate)	0.207	0.202	-	2.4	15	101	0
Dicamba	0.635	0.611	-	3.8	15	101	0
MCPD	0.00076	0.00074	-	2.6	15	101	0
MCPA	0.00128	0.00126	-	1.6	15	102	0
Dichloroprop	0.201	0.199	-	1	15	102	0
2,4-D	0.252	0.254	-	-0.8	15	106	0
2,4,5-TP (Silvex)	0.889	0.811	-	8.8	15	95	0
2,4,5-T	0.86	0.651	-	24.3*	15	79	0
2,4-DB	0.133	0.119	-	10.5	15	94	0
Dinoseb	0.594	0.499	-	16*	15	87	0

* Value outside of QC limits.



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250721a-06
 Sample Amount : 10.41 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/21/25 10:25
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	58.9	5.23	U
11104-28-2	Aroclor 1221	ND	58.9	5.90	U
11141-16-5	Aroclor 1232	ND	58.9	12.5	U
53469-21-9	Aroclor 1242	ND	58.9	7.93	U
12672-29-6	Aroclor 1248	ND	58.9	8.83	U
11097-69-1	Aroclor 1254	ND	58.9	6.44	U
11096-82-5	Aroclor 1260	ND	58.9	10.9	U
37324-23-5	Aroclor 1262	ND	58.9	7.48	U
11100-14-4	Aroclor 1268	ND	58.9	6.10	U
1336-36-3	PCBs, Total	ND	58.9	5.23	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250721a-09
 Sample Amount : 10.74 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/21/25 10:59
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	63.6	5.65	U
11104-28-2	Aroclor 1221	ND	63.6	6.37	U
11141-16-5	Aroclor 1232	ND	63.6	13.5	U
53469-21-9	Aroclor 1242	ND	63.6	8.57	U
12672-29-6	Aroclor 1248	ND	63.6	9.54	U
11097-69-1	Aroclor 1254	ND	63.6	6.96	U
11096-82-5	Aroclor 1260	ND	63.6	11.8	U
37324-23-5	Aroclor 1262	ND	63.6	8.08	U
11100-14-4	Aroclor 1268	ND	63.6	6.59	U
1336-36-3	PCBs, Total	ND	63.6	5.65	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : L2543652-06 Client ID : SS-107 Sample Location : 160 CENTER STREET, CANASTOTA, NY Sample Matrix : SOIL Analytical Method : 1,8082A Lab File ID : P7250721a-10 Sample Amount : 10.65 g Extraction Method : EPA 3546 Extract Volume : 1000 uL GPC Cleanup : N Sulfur Cleanup : Y	Lab Number : L2543652 Project Number : W96.013.001 Date Collected : 07/11/25 12:30 Date Received : 07/11/25 Date Analyzed : 07/21/25 11:11 Date Extracted : 07/21/25 Dilution Factor : 1 Analyst : AD Instrument ID : PEST7 GC Column : CLP-Pesticide %Solids : 83 Injection Volume : 1 uL
---	---

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	56.5	5.02	U
11104-28-2	Aroclor 1221	ND	56.5	5.66	U
11141-16-5	Aroclor 1232	ND	56.5	12.0	U
53469-21-9	Aroclor 1242	ND	56.5	7.62	U
12672-29-6	Aroclor 1248	ND	56.5	8.47	U
11097-69-1	Aroclor 1254	ND	56.5	6.18	U
11096-82-5	Aroclor 1260	ND	56.5	10.4	U
37324-23-5	Aroclor 1262	ND	56.5	7.18	U
11100-14-4	Aroclor 1268	ND	56.5	5.85	U
1336-36-3	PCBs, Total	ND	56.5	5.02	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250721a-11
 Sample Amount : 10.25 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/21/25 11:22
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	60.0	5.33	U
11104-28-2	Aroclor 1221	ND	60.0	6.01	U
11141-16-5	Aroclor 1232	ND	60.0	12.7	U
53469-21-9	Aroclor 1242	ND	60.0	8.09	U
12672-29-6	Aroclor 1248	ND	60.0	9.00	U
11097-69-1	Aroclor 1254	ND	60.0	6.56	U
11096-82-5	Aroclor 1260	ND	60.0	11.1	U
37324-23-5	Aroclor 1262	ND	60.0	7.62	U
11100-14-4	Aroclor 1268	ND	60.0	6.22	U
1336-36-3	PCBs, Total	ND	60.0	5.33	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250721a-12
 Sample Amount : 10.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/21/25 11:34
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 67
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	68.4	6.08	U
11104-28-2	Aroclor 1221	ND	68.4	6.86	U
11141-16-5	Aroclor 1232	ND	68.4	14.5	U
53469-21-9	Aroclor 1242	ND	68.4	9.22	U
12672-29-6	Aroclor 1248	ND	68.4	10.3	U
11097-69-1	Aroclor 1254	ND	68.4	7.49	U
11096-82-5	Aroclor 1260	ND	68.4	12.6	U
37324-23-5	Aroclor 1262	ND	68.4	8.69	U
11100-14-4	Aroclor 1268	ND	68.4	7.09	U
1336-36-3	PCBs, Total	ND	68.4	6.08	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-10	Date Collected : 07/11/25 00:00
Client ID : DUP-01	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/21/25 11:45
Sample Matrix : SOIL	Date Extracted : 07/21/25
Analytical Method : 1,8082A	Dilution Factor : 1
Lab File ID : P7250721a-13	Analyst : AD
Sample Amount : 10.64 g	Instrument ID : PEST7
Extraction Method : EPA 3546	GC Column : CLP-Pesticide
Extract Volume : 1000 uL	%Solids : 88
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	53.5	4.75	U
11104-28-2	Aroclor 1221	ND	53.5	5.36	U
11141-16-5	Aroclor 1232	ND	53.5	11.3	U
53469-21-9	Aroclor 1242	ND	53.5	7.21	U
12672-29-6	Aroclor 1248	ND	53.5	8.02	U
11097-69-1	Aroclor 1254	ND	53.5	5.85	U
11096-82-5	Aroclor 1260	ND	53.5	9.88	U
37324-23-5	Aroclor 1262	ND	53.5	6.79	U
11100-14-4	Aroclor 1268	ND	53.5	5.54	U
1336-36-3	PCBs, Total	ND	53.5	4.75	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092861-1
 Client ID : WG2092861-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250721a-03
 Sample Amount : 10.2 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/21/25 09:50
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	49.0	4.35	U
11104-28-2	Aroclor 1221	ND	49.0	4.91	U
11141-16-5	Aroclor 1232	ND	49.0	10.4	U
53469-21-9	Aroclor 1242	ND	49.0	6.61	U
12672-29-6	Aroclor 1248	ND	49.0	7.35	U
11097-69-1	Aroclor 1254	ND	49.0	5.36	U
11096-82-5	Aroclor 1260	ND	49.0	9.06	U
37324-23-5	Aroclor 1262	ND	49.0	6.22	U
11100-14-4	Aroclor 1268	ND	49.0	5.08	U
1336-36-3	PCBs, Total	ND	49.0	4.35	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250722a-10
 Sample Amount : 15.77 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/22/25 09:10
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.86	0.365	U
58-89-9	Lindane	ND	0.777	0.347	U
319-84-6	Alpha-BHC	ND	0.777	0.221	U
319-85-7	Beta-BHC	ND	1.86	0.707	U
76-44-8	Heptachlor	ND	0.932	0.418	U
309-00-2	Aldrin	ND	1.86	0.657	U
72-20-8	Endrin	ND	0.777	0.319	U
7421-93-4	Endrin aldehyde	ND	2.33	0.816	U
53494-70-5	Endrin ketone	ND	1.86	0.480	U
60-57-1	Dieldrin	ND	1.16	0.583	U
72-54-8	4,4'-DDD	ND	1.86	0.665	U
959-98-8	Endosulfan I	ND	1.86	0.441	U
33213-65-9	Endosulfan II	ND	1.86	0.623	U
1031-07-8	Endosulfan sulfate	ND	0.777	0.370	U
72-43-5	Methoxychlor	ND	3.50	1.09	U
8001-35-2	Toxaphene	ND	35.0	9.79	U
5103-74-2	trans-Chlordane	10.0	2.33	0.615	
57-74-9	Chlordane	77.7	15.5	6.18	



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-01	Date Collected : 07/11/25 09:10
Client ID : SS-101	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/22/25 09:10
Sample Matrix : SOIL	Date Extracted : 07/21/25
Analytical Method : 1,8081B	Dilution Factor : 1
Lab File ID : 11250722a-10	Analyst : JAG
Sample Amount : 15.77 g	Instrument ID : PEST11
Extraction Method : EPA 3546	GC Column : CLPPesticidesII
Extract Volume : 1000 uL	%Solids : 82
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
1024-57-3	Heptachlor epoxide	ND	3.50	1.05	UIP
72-55-9	4,4'-DDE	2.47	1.86	0.431	
50-29-3	4,4'-DDT	6.96	1.86	1.50	
5103-71-9	cis-Chlordane	10.2	2.33	0.650	IP



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250723a-20
 Sample Amount : 15.64 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 12:25
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	2.10	0.410	U
58-89-9	Lindane	ND	0.873	0.390	U
319-84-6	Alpha-BHC	ND	0.873	0.248	U
319-85-7	Beta-BHC	ND	2.10	0.795	U
76-44-8	Heptachlor	ND	1.05	0.470	U
309-00-2	Aldrin	ND	2.10	0.738	U
1024-57-3	Heptachlor epoxide	ND	3.93	1.18	U
72-20-8	Endrin	ND	0.873	0.358	U
7421-93-4	Endrin aldehyde	ND	2.62	0.917	U
53494-70-5	Endrin ketone	ND	2.10	0.540	U
60-57-1	Dieldrin	ND	1.31	0.655	U
959-98-8	Endosulfan I	ND	2.10	0.495	U
33213-65-9	Endosulfan II	ND	2.10	0.700	U
1031-07-8	Endosulfan sulfate	ND	0.873	0.416	U
72-43-5	Methoxychlor	ND	3.93	1.22	U
8001-35-2	Toxaphene	ND	39.3	11.0	U
5103-71-9	cis-Chlordane	ND	2.62	0.730	U
5103-74-2	trans-Chlordane	ND	2.62	0.692	U
57-74-9	Chlordane	ND	17.5	6.94	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-03	Date Collected	: 07/11/25 09:50
Client ID	: SS-103	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 12:25
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11250723a-20	Analyst	: JAG
Sample Amount	: 15.64 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
72-55-9	4,4'-DDE	33.1	2.10	0.485	
72-54-8	4,4'-DDD	16.5	2.10	0.748	
50-29-3	4,4'-DDT	13.1	2.10	1.68	



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250723a-21
 Sample Amount : 15.8 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 12:37
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.83	0.358	U
58-89-9	Lindane	ND	0.762	0.340	U
319-84-6	Alpha-BHC	ND	0.762	0.216	U
319-85-7	Beta-BHC	ND	1.83	0.693	U
76-44-8	Heptachlor	ND	0.914	0.410	U
309-00-2	Aldrin	ND	1.83	0.644	U
1024-57-3	Heptachlor epoxide	ND	3.43	1.03	U
72-20-8	Endrin	ND	0.762	0.312	U
7421-93-4	Endrin aldehyde	ND	2.28	0.800	U
53494-70-5	Endrin ketone	ND	1.83	0.471	U
60-57-1	Dieldrin	ND	1.14	0.571	U
72-55-9	4,4'-DDE	ND	1.83	0.423	U
72-54-8	4,4'-DDD	ND	1.83	0.652	U
50-29-3	4,4'-DDT	ND	1.83	1.47	U
959-98-8	Endosulfan I	ND	1.83	0.432	U
33213-65-9	Endosulfan II	ND	1.83	0.611	U
1031-07-8	Endosulfan sulfate	ND	0.762	0.362	U
72-43-5	Methoxychlor	ND	3.43	1.07	U
8001-35-2	Toxaphene	ND	34.3	9.60	U
5103-71-9	cis-Chlordane	ND	2.28	0.637	U
5103-74-2	trans-Chlordane	ND	2.28	0.603	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-06	Date Collected	: 07/11/25 12:30
Client ID	: SS-107	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 12:37
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11250723a-21	Analyst	: JAG
Sample Amount	: 15.8 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	15.2	6.05	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250723a-22
 Sample Amount : 15.17 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 12:48
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.94	0.381	U
58-89-9	Lindane	ND	0.811	0.362	U
319-84-6	Alpha-BHC	ND	0.811	0.230	U
319-85-7	Beta-BHC	ND	1.94	0.738	U
76-44-8	Heptachlor	ND	0.973	0.436	U
309-00-2	Aldrin	ND	1.94	0.685	U
1024-57-3	Heptachlor epoxide	ND	3.65	1.09	U
72-20-8	Endrin	ND	0.811	0.332	U
7421-93-4	Endrin aldehyde	ND	2.43	0.851	U
53494-70-5	Endrin ketone	ND	1.94	0.501	U
60-57-1	Dieldrin	ND	1.22	0.608	U
72-54-8	4,4'-DDD	ND	1.94	0.694	U
50-29-3	4,4'-DDT	8.14	1.94	1.56	
959-98-8	Endosulfan I	ND	1.94	0.460	U
33213-65-9	Endosulfan II	ND	1.94	0.650	U
1031-07-8	Endosulfan sulfate	ND	0.811	0.386	U
72-43-5	Methoxychlor	ND	3.65	1.14	U
8001-35-2	Toxaphene	ND	36.5	10.2	U
5103-71-9	cis-Chlordane	ND	2.43	0.678	U
5103-74-2	trans-Chlordane	ND	2.43	0.642	U
57-74-9	Chlordane	ND	16.2	6.45	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-07	Date Collected : 07/11/25 11:15
Client ID : SS-108	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/23/25 12:48
Sample Matrix : SOIL	Date Extracted : 07/21/25
Analytical Method : 1,8081B	Dilution Factor : 1
Lab File ID : 11250723a-22	Analyst : JAG
Sample Amount : 15.17 g	Instrument ID : PEST11
Extraction Method : EPA 3546	GC Column : CLPPesticidesII
Extract Volume : 1000 uL	%Solids : 81
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
72-55-9	4,4'-DDE	2.29	1.94	0.450	



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250723a-23
 Sample Amount : 15.71 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 13:00
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 67
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	2.27	0.444	U
58-89-9	Lindane	ND	0.944	0.422	U
319-84-6	Alpha-BHC	ND	0.944	0.268	U
319-85-7	Beta-BHC	ND	2.27	0.859	U
76-44-8	Heptachlor	ND	1.13	0.508	U
309-00-2	Aldrin	ND	2.27	0.798	U
1024-57-3	Heptachlor epoxide	ND	4.25	1.27	U
72-20-8	Endrin	ND	0.944	0.387	U
7421-93-4	Endrin aldehyde	ND	2.83	0.992	U
53494-70-5	Endrin ketone	ND	2.27	0.584	U
60-57-1	Dieldrin	ND	1.42	0.708	U
72-55-9	4,4'-DDE	ND	2.27	0.524	U
72-54-8	4,4'-DDD	ND	2.27	0.808	U
959-98-8	Endosulfan I	ND	2.27	0.535	U
33213-65-9	Endosulfan II	ND	2.27	0.757	U
1031-07-8	Endosulfan sulfate	ND	0.944	0.450	U
72-43-5	Methoxychlor	ND	4.25	1.32	U
8001-35-2	Toxaphene	ND	42.5	11.9	U
5103-71-9	cis-Chlordane	ND	2.83	0.790	U
5103-74-2	trans-Chlordane	ND	2.83	0.748	U
57-74-9	Chlordane	ND	18.9	7.51	U



Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-08	Date Collected	: 07/11/25 11:40
Client ID	: SS-109	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 13:00
Sample Matrix	: SOIL	Date Extracted	: 07/21/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11250723a-23	Analyst	: JAG
Sample Amount	: 15.71 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 67
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
50-29-3	4,4'-DDT	1.99	2.27	1.82	J

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250723a-24
 Sample Amount : 15.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 13:11
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 88
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.78	0.348	U
58-89-9	Lindane	ND	0.742	0.332	U
319-84-6	Alpha-BHC	ND	0.742	0.211	U
319-85-7	Beta-BHC	ND	1.78	0.675	U
76-44-8	Heptachlor	ND	0.890	0.399	U
309-00-2	Aldrin	ND	1.78	0.627	U
72-20-8	Endrin	ND	0.742	0.304	U
7421-93-4	Endrin aldehyde	ND	2.22	0.779	U
53494-70-5	Endrin ketone	ND	1.78	0.458	U
60-57-1	Dieldrin	ND	1.11	0.556	U
72-54-8	4,4'-DDD	ND	1.78	0.635	U
959-98-8	Endosulfan I	ND	1.78	0.420	U
33213-65-9	Endosulfan II	ND	1.78	0.595	U
1031-07-8	Endosulfan sulfate	ND	0.742	0.353	U
72-43-5	Methoxychlor	ND	3.34	1.04	U
8001-35-2	Toxaphene	ND	33.4	9.34	U
5103-74-2	trans-Chlordane	5.84	2.22	0.587	



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies	Lab Number : L2543652
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2543652-10	Date Collected : 07/11/25 00:00
Client ID : DUP-01	Date Received : 07/11/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 07/23/25 13:11
Sample Matrix : SOIL	Date Extracted : 07/21/25
Analytical Method : 1,8081B	Dilution Factor : 1
Lab File ID : 11250723a-24	Analyst : JAG
Sample Amount : 15.34 g	Instrument ID : PEST11
Extraction Method : EPA 3546	GC Column : CLPPesticidesII
Extract Volume : 1000 uL	%Solids : 88
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
1024-57-3	Heptachlor epoxide	ND	3.34	1.00	UIP
72-55-9	4,4'-DDE	1.99	1.78	0.412	
50-29-3	4,4'-DDT	5.30	1.78	1.43	
5103-71-9	cis-Chlordane	7.51	2.22	0.620	IP
57-74-9	Chlordane	49.2	14.8	5.90	



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092864-1
 Client ID : WG2092864-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250722a-06
 Sample Amount : 15.3 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/22/25 08:24
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.57	0.307	U
58-89-9	Lindane	ND	0.654	0.292	U
319-84-6	Alpha-BHC	ND	0.654	0.186	U
319-85-7	Beta-BHC	ND	1.57	0.595	U
76-44-8	Heptachlor	ND	0.784	0.352	U
309-00-2	Aldrin	ND	1.57	0.552	U
1024-57-3	Heptachlor epoxide	ND	2.94	0.882	U
72-20-8	Endrin	ND	0.654	0.268	U
7421-93-4	Endrin aldehyde	ND	1.96	0.686	U
53494-70-5	Endrin ketone	ND	1.57	0.404	U
60-57-1	Dieldrin	ND	0.980	0.490	U
72-55-9	4,4'-DDE	ND	1.57	0.363	U
72-54-8	4,4'-DDD	ND	1.57	0.559	U
50-29-3	4,4'-DDT	ND	1.57	1.26	U
959-98-8	Endosulfan I	ND	1.57	0.370	U
33213-65-9	Endosulfan II	ND	1.57	0.524	U
1031-07-8	Endosulfan sulfate	ND	0.654	0.311	U
72-43-5	Methoxychlor	ND	2.94	0.915	U
8001-35-2	Toxaphene	ND	29.4	8.24	U
5103-71-9	cis-Chlordane	ND	1.96	0.546	U
5103-74-2	trans-Chlordane	ND	1.96	0.518	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2092864-1
 Client ID : WG2092864-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250722a-06
 Sample Amount : 15.3 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/22/25 08:24
 Date Extracted : 07/21/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	13.1	5.20	U



Identification Summary

Form 10

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2543652-01
 Client ID : SS-101
 Date Analyzed (1) : 07/22/25 09:10
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2543652
 Project Number : W96.013.001
 Date Analyzed (2) : 07/22/25 09:10
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	3.80	3.75	3.85	2.15	
	2	4.60	4.55	4.65	2.47	14
4,4'-DDT	1	4.74	4.69	4.79	6.75	
	2	5.43	5.38	5.48	6.96	3
alpha-Chlordane (cis	1	3.69	3.65	3.75	18.9	
	2	4.41	4.36	4.46	10.2	60
gamma-Chlordane (tra	1	3.57	3.51	3.61	10	
	2	4.25	4.20	4.30	7.9	24
chlordane-AVG	1				77.7	
	2				64.8	18



Identification Summary Form 10 Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2543652-03
 Client ID : SS-103
 Date Analyzed (1) : 07/23/25 12:25
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2543652
 Project Number : W96.013.001
 Date Analyzed (2) : 07/23/25 12:25
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	3.80	3.75	3.85	24.6	
	2	4.60	4.54	4.64	33.1	30
4,4'-DDD	1	4.46	4.40	4.50	11.5	
	2	5.16	5.11	5.21	16.5	36
4,4'-DDT	1	4.74	4.69	4.79	10.9	
	2	5.43	5.38	5.48	13.1	18

Identification Summary

Form 10

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2543652-10
 Client ID : DUP-01
 Date Analyzed (1) : 07/23/25 13:11
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2543652
 Project Number : W96.013.001
 Date Analyzed (2) : 07/23/25 13:11
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	3.80	3.75	3.85	1.44J	
	2	4.60	4.54	4.64	1.99	NC
4,4'-DDT	1	4.74	4.69	4.79	5.27	
	2	5.43	5.38	5.48	5.3	1
alpha-Chlordane (cis	1	3.69	3.65	3.75	13.7	
	2	4.41	4.36	4.46	7.51	58
gamma-Chlordane (tra	1	3.56	3.51	3.61	5.84	
	2	4.25	4.20	4.30	4.97	16
chlordane-AVG	1				47.4	
	2				49.2	4

Identification Summary Form 10 Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2543652-08
 Client ID : SS-109
 Date Analyzed (1) : 07/23/25 13:00
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2543652
 Project Number : W96.013.001
 Date Analyzed (2) : 07/23/25 13:00
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDT	1	4.74	4.69	4.79	ND	
	2	5.43	5.38	5.48	1.99J	NC

Form 3

Semivolatiles

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Matrix (Level)	: SOIL ()		
LCS Sample ID	: WG2096904-2	Analysis Date	: 07/31/25 13:58
LCS Sample ID	:	File ID	: SC112_250731_20.wiff2
		Analysis Date	:
		File ID	:

Parameter	Laboratory Control Sample (LOW)			Laboratory Control Duplicate (LOW)			RPD	Recovery Limits	RPD Limit
	True (ng/g)	Found (ng/g)	%R	True (ng/g)	Found (ng/g)	%R			
(PFOS)									
Perfluorodecanoic Acid (PFDA)	0.4	0.466	116				-	70-155	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	1.54	1.72	112				-	70-150	30
Perfluorononanesulfonic Acid	0.386	0.346	90				-	55-140	30
(PFNS)									
N-Methyl Perfluorooctanesulfonamide	0.4	0.411	103				-	65-155	30
Perfluoroundecanoic Acid (NMeFOSAA)	0.4	0.447	112				-	70-155	30
Perfluorodecanesulfonic Acid	0.386	0.326	85				-	40-155	30
(PFDS)									
Perfluorooctanesulfonamide	0.4	0.364	91				-	70-140	30
(PFOSA)									
N-Ethyl Perfluorooctanesulfonamide	0.4	0.402	101				-	65-165	30
Perfluorododecanoic Acid (NEtFOSAA)	0.4	0.382	96				-	70-150	30
Perfluorotridecanoic Acid	0.4	0.552	138				-	65-150	30
(PFTTrDA)									

Laboratory Control Sample Summary

Form 3

Semivolatiles

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Matrix (Level)	: SOIL ()		
LCS Sample ID	: WG2096904-3	Analysis Date	: 07/31/25 14:07
LCSD Sample ID	:	File ID	: SCI12_250731_21.wiff2
		File ID	:

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/g)	Found (ng/g)	%R	True (ng/g)	Found (ng/g)	%R			
(PFOS)									
Perfluorodecanoic Acid (PFDA)	2	2.60	130				-	70-155	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	7.68	10.0	130				-	70-150	30
Perfluorononanesulfonic Acid	1.93	1.98	103				-	55-140	30
(PFNS)									
N-Methyl Perfluorooctanesulfonamide	2	2.33	117				-	65-155	30
N-Methyl Perfluorooctanesulfonamide acetic Acid (NMeFOSAA)									
Perfluoroundecanoic Acid (PFUnA)	2	2.49	124				-	70-155	30
Perfluorodecanesulfonic Acid	1.93	1.93	100				-	40-155	30
(PFDS)									
Perfluorooctanesulfonamide	2	2.25	112				-	70-140	30
(PFOSA)									
N-Ethyl Perfluorooctanesulfonamide	2	2.40	120				-	65-165	30
N-Ethyl Perfluorooctanesulfonamide acetic Acid (NEtFOSAA)									
Perfluorododecanoic Acid (PFDoA)	2	2.34	117				-	70-150	30
Perfluorotridecanoic Acid	2	2.96	148				-	65-150	30
(PFTTrDA)									



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL ()
 LCS Sample ID : WG2096904-3
 LCSD Sample ID :

Lab Number : L2543652
 Project Number : W96.013.001
 Analysis Date : 07/31/25 14:07
 File ID : SCI12_250731_21.wiff2
 Analysis Date :
 File ID :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/g)	Found (ng/g)	%R	True (ng/g)	Found (ng/g)	%R	RPD	Recovery Limits	RPD Limit
do Ethanol (NMeFOSE)									
N-Ethyl Perfluorooctanesulfonamid	20	23.8	119				-	70-135	30
o Ethanol (NEtFOSE)									
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	4	4.61	115				-	30-140	30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	4	5.46	136				-	60-150	30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	3.57	4.55	128				-	70-140	30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	4	4.12	103				-	60-155	30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	10	13.6	136 Q				-	45-130	30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	50	59.5	119				-	60-130	30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	50	45.5	91				-	60-150	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : SS-101
 Lab Sample ID : L2543652-01
 Matrix Spike : WG2096904-4
 Matrix Spike Dup : WG2096904-5

Lab Number : L2543652
 Project Number : W96.013.001
 Matrix (Level) : SOIL ()
 Analysis Date : 07/31/25 14:16
 MS Analysis Date : 07/31/25 14:25
 MSD Analysis Date : 07/31/25 14:34

Parameter	Sample Conc. (ng/g)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/g)	Spike Conc. (ng/g)	%R	Spike Added (ng/g)	Spike Conc. (ng/g)	%R			
ic Acid (8:2FTS)										
Perfluorononanesulfonic Acid (PFNS)	ND	1.92	2.09	109	1.92	2.01	105	4	55-140	30
N-Methyl Perfluorooctanesulfonamide (NMeFOSAA)	ND	2	2.26	113	1.99	2.38	120	5	65-155	30
Perfluoroundecanoic Acid (PFUnA)	0.058J	2	2.44	119	1.99	2.19	107	11	70-155	30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	1.98	103	1.92	1.97	103	1	40-155	30
Perfluorooctanesulfonamide (PFOSA)	ND	2	2.22	111	1.99	2.31	116	4	70-140	30
N-Ethyl Perfluorooctanesulfonamide (NEtFOSAA)	ND	2	2.65	133	1.99	2.32	117	13	65-165	30
Perfluorododecanoic Acid (PFDoA)	ND	2	2.44	122	1.99	2.38	120	2	70-150	30
Perfluorotridecanoic Acid (PFTTrDA)	ND	2	3.15	158 Q	1.99	2.83	142	11	65-150	30
Perfluorotetradecanoic Acid (PFTeDA)	ND	2	2.08	104	1.99	1.97	99	5	65-150	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.98	9.32	117	7.96	9.44	119	1	70-145	30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.54	9.05	120	7.52	9.32	124	3	70-160	30
Perfluorododecanesulfonic Acid	ND	1.94	2.04	105	1.93	2.02	104	1	25-160	30



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2543652
Project Number: W96.013.001
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
SS-101 (L2543652-01)	92	107	82	86	81	134	119
SS-103 (L2543652-03)	93	122	85	90	102	184	142*
SS-107 (L2543652-06)	104	85	92	97	97	101	102
SS-108 (L2543652-07)	96	94	91	87	96	135	121
SS-109 (L2543652-08)	97	106	86	88	98	138	129
DUP-01 (L2543652-10)	90	121	88	95	91	163	130
WG2096904-1BLANK	110	91	95	90	94	94	101
WG2096904-2LCS	99	89	97	100	90	86	100
WG2096904-3LCS	90	84	90	90	85	85	95
SS-101MS	86	106	82	86	87	123	121
SS-101MSD	93	115	84	88	84	147	133

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)



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_22
 Sample Amount : 6.14 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 14:16
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 82
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.082	0.798	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	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	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.030	0.200	0.015	JF
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.043	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.052	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.054	0.200	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.260	0.200	0.031	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.065	0.200	0.035	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	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	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.058	0.200	0.013	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-01
 Client ID : SS-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_22
 Sample Amount : 6.14 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 14:16
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 82
 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	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	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	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	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	0.121	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : L2543652-01 Client ID : SS-101 Sample Location : 160 CENTER STREET, CANASTOTA, NY Sample Matrix : SOIL Analytical Method : 144,1633 Lab File ID : SCI12_250731_22 Sample Amount : 6.14 g Extraction Method : EPA 1633 Extract Volume : 4000 uL GPC Cleanup : N	Lab Number : L2543652 Project Number : W96.013.001 Date Collected : 07/11/25 09:10 Date Received : 07/11/25 Date Analyzed : 07/31/25 14:16 Date Extracted : 07/30/25 Dilution Factor : 1 Analyst : ANH Instrument ID : LCMS12 GC Column : Acquity UPLC BEH C18 %Solids : 82 Injection Volume : 3 uL
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CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_25
 Sample Amount : 6.86 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 14:43
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 73
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.342	0.796	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.121	0.398	0.038	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.796	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.112	0.199	0.015	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.212	0.199	0.012	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.567	0.199	0.026	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.796	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.427	0.199	0.013	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.14	0.199	0.031	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.454	0.199	0.035	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.796	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.288	0.199	0.013	



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_25
 Sample Amount : 6.86 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 14:43
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 73
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.169	0.199	0.021	J
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	0.096	0.199	0.016	JF
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	0.049	0.199	0.024	J
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.796	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.796	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.796	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.796	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-03
 Client ID : SS-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_25
 Sample Amount : 6.86 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:50
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 14:43
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 73
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.996	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_26
 Sample Amount : 6.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 14:52
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.129	0.797	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.038	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.020	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.797	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.015	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.045	0.199	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.096	0.199	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.797	0.147	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.052	0.199	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.108	0.199	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.797	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.013	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_26
 Sample Amount : 6.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 14:52
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.021	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.016	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.797	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.797	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.797	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.797	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-06
 Client ID : SS-107
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_26
 Sample Amount : 6.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 12:30
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 14:52
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.398	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.996	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_27
 Sample Amount : 6.15 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:01
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 81
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.170	0.800	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.047	0.400	0.038	J
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)	0.046	0.200	0.015	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.082	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.042	0.200	0.020	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.112	0.200	0.026	J
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)	0.152	0.200	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.239	0.200	0.031	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.053	0.200	0.035	J
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)	0.074	0.200	0.013	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_27
 Sample Amount : 6.15 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:01
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 81
 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)	0.034	0.200	0.021	J
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-07
 Client ID : SS-108
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_27
 Sample Amount : 6.15 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:15
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:01
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 81
 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



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_28
 Sample Amount : 7.44 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:10
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 67
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.560	0.798	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.190	0.399	0.038	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.057	0.199	0.020	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.196	0.199	0.015	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.283	0.199	0.012	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.056	0.199	0.020	JF
335-67-1	Perfluorooctanoic Acid (PFOA)	0.930	0.199	0.026	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.436	0.199	0.013	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.53	0.199	0.031	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.144	0.199	0.035	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	0.258	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.030	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.182	0.199	0.013	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_28
 Sample Amount : 7.44 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:10
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 67
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.014	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.010	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.044	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.049	0.199	0.021	J
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	0.053	0.199	0.016	JF
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.024	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	0.030	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.022	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	0.040	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.026	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.022	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.121	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-08
 Client ID : SS-109
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_28
 Sample Amount : 7.44 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 11:40
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:10
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 67
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.997	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	0.235	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	0.364	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_29
 Sample Amount : 5.69 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:19
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.088	0.800	0.028	J
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)	0.048	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.020	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.045	0.200	0.026	J
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)	0.066	0.200	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.310	0.200	0.031	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.046	0.200	0.035	J
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)	0.054	0.200	0.013	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_29
 Sample Amount : 5.69 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:19
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2543652-10
 Client ID : DUP-01
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_29
 Sample Amount : 5.69 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 00:00
 Date Received : 07/11/25
 Date Analyzed : 07/31/25 15:19
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 88
 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	0.365	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2096904-1
 Client ID : WG2096904-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_19
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/31/25 13:50
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 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)	ND	0.200	0.026	U
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2096904-1
 Client ID : WG2096904-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250731_19
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 07/31/25 13:50
 Date Extracted : 07/30/25
 Dilution Factor : 1
 Analyst : ANH
 Instrument ID : LCMS12
 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 : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : WG2096904-1 Client ID : WG2096904-1BLANK Sample Location : Sample Matrix : SOIL Analytical Method : 144,1633 Lab File ID : SCI12_250731_19 Sample Amount : 5 g Extraction Method : EPA 1633 Extract Volume : 4000 uL GPC Cleanup : N	Lab Number : L2543652 Project Number : W96.013.001 Date Collected : NA Date Received : NA Date Analyzed : 07/31/25 13:50 Date Extracted : 07/30/25 Dilution Factor : 1 Analyst : ANH Instrument ID : LCMS12 GC Column : Acquity UPLC BEH C18 %Solids : NA Injection Volume : 3 uL
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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



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : LCMS12
 Lab File ID : SCI12_250731_08
 Sample No : WG2097370-1
 Channel :

Lab Number : L2543652
 Project Number : W96.013.001
 Calibration Date : 07/31/25 10:52
 Init. Calib. Date(s) : 07/01/25 07/01/25
 Init. Calib. Times : 11:01 12:13

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.918	0.800	114.7	70-130
Perfluoropentanoic Acid (PFPeA)	0.417	0.400	104.3	70-130
Perfluorobutanesulfonic Acid (PFBS)	0.186	0.177	105.3	70-130
Perfluorohexanoic Acid (PFHxA)	0.210	0.200	105.1	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.881	0.750	117.5	70-130
Perfluoropentanesulfonic Acid (PFPeS)	0.202	0.188	107.6	70-130
Perfluoroheptanoic Acid (PFHpA)	0.248	0.200	124	70-130
Perfluorohexanesulfonic Acid (PFHxS)	0.208	0.183	113.8	70-130
Perfluorooctanoic Acid (PFOA)	0.215	0.200	107.6	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.722	0.760	95	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	0.176	0.191	92.1	70-130
Perfluorononanoic Acid (PFNA)	0.210	0.200	105.2	70-130
Perfluorooctanesulfonic Acid (PFOS)	0.211	0.186	113.5	70-130
Perfluorodecanoic Acid (PFDA)	0.210	0.200	104.8	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.804	0.768	104.6	70-130
Perfluorononanesulfonic Acid (PFNS)	0.167	0.192	86.8	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.187	0.200	93.6	70-130
Perfluoroundecanoic Acid (PFUnA)	0.222	0.200	111	70-130
Perfluorodecanesulfonic Acid (PFDS)	0.177	0.193	91.7	70-130
Perfluorooctanesulfonamide (PFOSA)	0.200	0.200	99.8	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.194	0.200	97.1	70-130
Perfluorododecanoic Acid (PFDoA)	0.207	0.200	103.3	70-130
Perfluorotridecanoic Acid (PFTTrDA)	0.308	0.200	154.2*	70-130
Perfluorotetradecanoic Acid (PFTeDA)	0.207	0.200	103.3	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	0.879	0.800	109.8	70-130
4,8-Dioxo-3h-Perfluorononanoic Acid (ADONA)	0.874	0.756	115.6	70-130
Perfluorododecanesulfonic Acid (PFDoS)	0.147	0.194	76	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.729	0.748	97.4	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.735	0.756	97.2	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	0.200	0.200	100	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.201	0.200	100.4	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	2.079	2.000	104	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	2.004	2.000	100.2	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	0.400	0.400	100	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	0.484	0.400	121.1	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	0.369	0.356	103.6	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	0.387	0.400	96.7	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	1.214	1.000	121.4	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	5.435	5.000	108.7	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	4.291	5.000	85.8	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.024	10.000	100.2	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	4.633	5.000	92.7	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.243	2.330	96.3	70-130

* Value outside of QC limits.



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-01	Date Collected	: 07/11/25 09:10
Client ID	: SS-101	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/27/25 16:51
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2095586.csv	Instrument ID	: TRACE5
Sample Amount	: 1.297g	%Solids	: 82
Digestion Method	: EPA 3050B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	3420	47.2	15.4	
7440-36-0	Antimony, Total	ND	23.6	18.2	U
7440-38-2	Arsenic, Total	14.1	4.72	2.04	
7440-39-3	Barium, Total	40.4	4.72	0.501	
7440-41-7	Beryllium, Total	ND	2.36	0.260	U
7440-43-9	Cadmium, Total	ND	4.72	0.260	U
7440-70-2	Calcium, Total	217000	47.2	26.8	
7440-47-3	Chromium, Total	7.39	4.72	4.01	
7440-48-4	Cobalt, Total	4.51	9.45	1.17	J
7440-50-8	Copper, Total	37.1	4.72	1.07	
7439-89-6	Iron, Total	8220	23.6	4.96	
7439-92-1	Lead, Total	73.4	23.6	1.12	
7439-95-4	Magnesium, Total	18400	47.2	7.70	
7439-96-5	Manganese, Total	381	4.72	2.53	
7440-02-0	Nickel, Total	9.85	11.8	3.82	J
7440-09-7	Potassium, Total	569	1180	240.	J
7782-49-2	Selenium, Total	ND	9.45	1.55	U
7440-22-4	Silver, Total	ND	2.36	1.41	U
7440-23-5	Sodium, Total	ND	945	501.	U
7440-28-0	Thallium, Total	ND	9.45	4.26	U
7440-62-2	Vanadium, Total	11.5	4.72	0.713	
7440-66-6	Zinc, Total	74.7	23.6	2.86	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-02	Date Collected	: 07/11/25 09:30
Client ID	: SS-102	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/27/25 19:18
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2095586.csv	Instrument ID	: TRACE5
Sample Amount	: 1.297g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5250	9.69	3.15	
7440-36-0	Antimony, Total	ND	4.84	3.73	U
7440-38-2	Arsenic, Total	20.2	0.969	0.418	
7440-39-3	Barium, Total	351	0.969	0.103	
7440-41-7	Beryllium, Total	0.549	0.484	0.053	
7440-43-9	Cadmium, Total	0.391	0.969	0.053	J
7440-47-3	Chromium, Total	12.2	0.969	0.821	
7440-48-4	Cobalt, Total	4.58	1.94	0.240	
7440-50-8	Copper, Total	37.0	0.969	0.220	
7439-89-6	Iron, Total	11000	4.84	1.02	
7439-92-1	Lead, Total	340	4.84	0.230	
7439-95-4	Magnesium, Total	2480	9.69	1.58	
7439-96-5	Manganese, Total	252	0.969	0.519	
7440-02-0	Nickel, Total	9.54	2.42	0.783	
7440-09-7	Potassium, Total	688	242	49.1	
7782-49-2	Selenium, Total	0.516	1.94	0.319	J
7440-22-4	Silver, Total	ND	0.484	0.289	U
7440-23-5	Sodium, Total	246	194	103.	
7440-28-0	Thallium, Total	ND	1.94	0.874	U
7440-62-2	Vanadium, Total	16.7	0.969	0.146	
7440-66-6	Zinc, Total	135	4.84	0.587	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-03	Date Collected	: 07/11/25 09:50
Client ID	: SS-103	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/27/25 18:02
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2095586.csv	Instrument ID	: TRACE5
Sample Amount	: 1.26g	%Solids	: 73
Digestion Method	: EPA 3050B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5600	10.8	3.52	
7440-36-0	Antimony, Total	ND	5.42	4.17	U
7440-38-2	Arsenic, Total	13.6	1.08	0.468	
7440-39-3	Barium, Total	76.5	1.08	0.115	
7440-41-7	Beryllium, Total	0.362	0.542	0.060	J
7440-43-9	Cadmium, Total	0.168	1.08	0.060	J
7440-47-3	Chromium, Total	11.5	1.08	0.919	
7440-48-4	Cobalt, Total	6.53	2.17	0.269	
7440-50-8	Copper, Total	33.5	1.08	0.246	
7439-89-6	Iron, Total	12500	5.42	1.14	
7439-92-1	Lead, Total	58.9	5.42	0.258	
7439-95-4	Magnesium, Total	5950	10.8	1.77	
7439-96-5	Manganese, Total	293	1.08	0.581	
7440-02-0	Nickel, Total	18.4	2.71	0.876	
7440-09-7	Potassium, Total	1050	271	55.0	
7782-49-2	Selenium, Total	0.602	2.17	0.357	J
7440-22-4	Silver, Total	ND	0.542	0.323	U
7440-23-5	Sodium, Total	ND	217	115.	U
7440-28-0	Thallium, Total	ND	2.17	0.978	U
7440-62-2	Vanadium, Total	13.1	1.08	0.164	
7440-66-6	Zinc, Total	93.9	5.42	0.657	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-04	Date Collected	: 07/11/25 10:20
Client ID	: SS-104	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/27/25 19:31
Sample Matrix	: SOIL	Dilution Factor	: 20
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2095586.csv	Instrument ID	: TRACE5
Sample Amount	: 1.325g	%Solids	: 75
Digestion Method	: EPA 3050B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	3400	101	32.8	
7440-36-0	Antimony, Total	ND	50.4	38.8	U
7440-38-2	Arsenic, Total	8.97	10.1	4.36	J
7440-39-3	Barium, Total	57.6	10.1	1.07	
7440-41-7	Beryllium, Total	ND	5.04	0.555	U
7440-43-9	Cadmium, Total	ND	10.1	0.555	U
7440-47-3	Chromium, Total	ND	10.1	8.56	U
7440-48-4	Cobalt, Total	4.14	20.2	2.50	J
7440-50-8	Copper, Total	28.3	10.1	2.29	
7439-89-6	Iron, Total	8840	50.4	10.6	
7439-92-1	Lead, Total	58.3	50.4	2.40	
7439-95-4	Magnesium, Total	7030	101	16.4	
7439-96-5	Manganese, Total	225	10.1	5.41	
7440-02-0	Nickel, Total	11.7	25.2	8.15	J
7440-09-7	Potassium, Total	700	2520	512.	J
7782-49-2	Selenium, Total	ND	20.2	3.32	U
7440-22-4	Silver, Total	ND	5.04	3.01	U
7440-23-5	Sodium, Total	ND	2020	1070	U
7440-28-0	Thallium, Total	ND	20.2	9.10	U
7440-62-2	Vanadium, Total	9.47	10.1	1.52	J
7440-66-6	Zinc, Total	90.6	50.4	6.11	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-05	Date Collected	: 07/11/25 09:00
Client ID	: SS-106	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/27/25 19:37
Sample Matrix	: SOIL	Dilution Factor	: 20
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2095586.csv	Instrument ID	: TRACE5
Sample Amount	: 1.252g	%Solids	: 87
Digestion Method	: EPA 3050B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	2300	91.4	29.7	
7440-36-0	Antimony, Total	ND	45.7	35.2	U
7440-38-2	Arsenic, Total	8.42	9.14	3.95	J
7440-39-3	Barium, Total	31.6	9.14	0.969	
7440-41-7	Beryllium, Total	ND	4.57	0.503	U
7440-43-9	Cadmium, Total	ND	9.14	0.503	U
7440-47-3	Chromium, Total	ND	9.14	7.75	U
7440-48-4	Cobalt, Total	4.18	18.3	2.27	J
7440-50-8	Copper, Total	20.2	9.14	2.07	
7439-89-6	Iron, Total	7280	45.7	9.60	
7439-92-1	Lead, Total	51.2	45.7	2.18	
7439-95-4	Magnesium, Total	12800	91.4	14.9	
7439-96-5	Manganese, Total	254	9.14	4.90	
7440-02-0	Nickel, Total	8.86	22.8	7.38	J
7440-09-7	Potassium, Total	ND	2280	463.	U
7782-49-2	Selenium, Total	ND	18.3	3.01	U
7440-22-4	Silver, Total	ND	4.57	2.72	U
7440-23-5	Sodium, Total	ND	1830	969.	U
7440-28-0	Thallium, Total	ND	18.3	8.24	U
7440-62-2	Vanadium, Total	10.5	9.14	1.38	
7440-66-6	Zinc, Total	69.2	45.7	5.54	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-06	Date Collected	: 07/11/25 12:30
Client ID	: SS-107	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/27/25 18:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2095586.csv	Instrument ID	: TRACE5
Sample Amount	: 1.28g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	6620	9.40	3.06	
7440-36-0	Antimony, Total	ND	4.70	3.62	U
7440-38-2	Arsenic, Total	4.52	0.940	0.406	
7440-39-3	Barium, Total	142	0.940	0.100	
7440-41-7	Beryllium, Total	0.444	0.470	0.052	J
7440-43-9	Cadmium, Total	ND	0.940	0.052	U
7440-70-2	Calcium, Total	2940	9.40	5.33	
7440-47-3	Chromium, Total	12.7	0.940	0.797	
7440-48-4	Cobalt, Total	5.53	1.88	0.233	
7440-50-8	Copper, Total	4.83	0.940	0.213	
7439-89-6	Iron, Total	17600	4.70	0.987	
7439-92-1	Lead, Total	11.4	4.70	0.224	
7439-95-4	Magnesium, Total	3460	9.40	1.53	
7439-96-5	Manganese, Total	127	0.940	0.504	
7440-02-0	Nickel, Total	21.8	2.35	0.760	
7440-09-7	Potassium, Total	980	235	47.7	
7782-49-2	Selenium, Total	ND	1.88	0.309	U
7440-22-4	Silver, Total	ND	0.470	0.280	U
7440-23-5	Sodium, Total	ND	188	99.6	U
7440-28-0	Thallium, Total	ND	1.88	0.848	U
7440-62-2	Vanadium, Total	14.2	0.940	0.142	
7440-66-6	Zinc, Total	23.4	4.70	0.570	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-08	Date Collected	: 07/11/25 11:40
Client ID	: SS-109	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/27/25 18:34
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2095586.csv	Instrument ID	: TRACE5
Sample Amount	: 1.252g	%Solids	: 67
Digestion Method	: EPA 3050B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	6690	11.8	3.85	
7440-36-0	Antimony, Total	ND	5.92	4.56	U
7440-38-2	Arsenic, Total	7.85	1.18	0.512	
7440-39-3	Barium, Total	103	1.18	0.126	
7440-41-7	Beryllium, Total	0.441	0.592	0.065	J
7440-43-9	Cadmium, Total	0.482	1.18	0.065	J
7440-47-3	Chromium, Total	14.3	1.18	1.00	
7440-48-4	Cobalt, Total	6.47	2.37	0.294	
7440-50-8	Copper, Total	72.0	1.18	0.269	
7439-89-6	Iron, Total	17200	5.92	1.24	
7439-92-1	Lead, Total	190	5.92	0.282	
7439-95-4	Magnesium, Total	5700	11.8	1.93	
7439-96-5	Manganese, Total	396	1.18	0.635	
7440-02-0	Nickel, Total	15.9	2.96	0.958	
7440-09-7	Potassium, Total	1100	296	60.1	
7782-49-2	Selenium, Total	0.896	2.37	0.390	J
7440-22-4	Silver, Total	ND	0.592	0.353	U
7440-23-5	Sodium, Total	ND	237	126.	U
7440-28-0	Thallium, Total	ND	2.37	1.07	U
7440-62-2	Vanadium, Total	16.3	1.18	0.179	
7440-66-6	Zinc, Total	231	5.92	0.718	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-09	Date Collected	: 07/11/25 12:00
Client ID	: SS-110	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/27/25 18:40
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2095586.csv	Instrument ID	: TRACE5
Sample Amount	: 1.27g	%Solids	: 74
Digestion Method	: EPA 3050B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	4600	10.6	3.44	
7440-36-0	Antimony, Total	ND	5.30	4.08	U
7440-38-2	Arsenic, Total	4.91	1.06	0.458	
7440-39-3	Barium, Total	67.5	1.06	0.112	
7440-41-7	Beryllium, Total	0.265	0.530	0.058	J
7440-43-9	Cadmium, Total	ND	1.06	0.058	U
7440-47-3	Chromium, Total	9.21	1.06	0.899	
7440-48-4	Cobalt, Total	5.09	2.12	0.263	
7440-50-8	Copper, Total	14.4	1.06	0.240	
7439-89-6	Iron, Total	10300	5.30	1.11	
7439-92-1	Lead, Total	33.8	5.30	0.252	
7439-95-4	Magnesium, Total	9290	10.6	1.73	
7439-96-5	Manganese, Total	311	1.06	0.568	
7440-02-0	Nickel, Total	15.3	2.65	0.856	
7440-09-7	Potassium, Total	941	265	53.7	
7782-49-2	Selenium, Total	ND	2.12	0.349	U
7440-22-4	Silver, Total	0.809	0.530	0.316	
7440-23-5	Sodium, Total	ND	212	112.	U
7440-28-0	Thallium, Total	ND	2.12	0.956	U
7440-62-2	Vanadium, Total	10.2	1.06	0.160	
7440-66-6	Zinc, Total	46.8	5.30	0.642	



Form 1 METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2094334-1
Client ID : WG2094334-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG2095586.csv
Sample Amount : 1.25g
Digestion Method : EPA 3050B

Lab Number : L2543652
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 07/27/25 14:25
Dilution Factor : 1
Analyst : JMF
Instrument ID : TRACE5
%Solids : NA
Date Digested : 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	4.00	1.30	U
7440-36-0	Antimony, Total	ND	2.00	1.54	U
7440-38-2	Arsenic, Total	ND	0.400	0.173	U
7440-39-3	Barium, Total	ND	0.400	0.042	U
7440-41-7	Beryllium, Total	ND	0.200	0.022	U
7440-43-9	Cadmium, Total	ND	0.400	0.022	U
7440-70-2	Calcium, Total	ND	4.00	2.27	U
7440-47-3	Chromium, Total	ND	0.400	0.339	U
7440-48-4	Cobalt, Total	ND	0.800	0.099	U
7440-50-8	Copper, Total	ND	0.400	0.091	U
7439-89-6	Iron, Total	ND	2.00	0.420	U
7439-92-1	Lead, Total	ND	2.00	0.095	U
7439-95-4	Magnesium, Total	ND	4.00	0.652	U
7439-96-5	Manganese, Total	ND	0.400	0.214	U
7440-02-0	Nickel, Total	ND	1.00	0.323	U
7440-09-7	Potassium, Total	ND	100	20.3	U
7782-49-2	Selenium, Total	ND	0.800	0.132	U
7440-22-4	Silver, Total	ND	0.200	0.119	U
7440-23-5	Sodium, Total	ND	80.0	42.4	U
7440-28-0	Thallium, Total	ND	0.800	0.361	U
7440-62-2	Vanadium, Total	ND	0.400	0.060	U
7440-66-6	Zinc, Total	ND	2.00	0.242	U



Form 2A

Initial and Continuing Calibration Verification

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : TRACE5

Lab Number : L2543652
 Project Number : W96.013.001
 Units : mg/l

Parameter	Lab ID : Date Analyzed :	Initial Calibration			Continuing Calibration(s)						
		True	Found	%R	R1992635-12 07/27/25 17:22			R1992635-14 07/27/25 18:53		R1992635-16 07/27/25 19:44	
					True	Found	%R	Found	%R	Found	%R
Aluminum					0.5000	0.528	106	0.491	98	0.504	101
Antimony					0.5000	0.539	108	0.526	105	0.528	106
Arsenic					0.5000	0.493	99	0.494	99	0.496	99
Barium					0.5000	0.522	104	0.485	97	0.498	100
Beryllium					0.5000	0.510	102	0.473	95	0.482	96
Cadmium					0.5000	0.516	103	0.519	104	0.518	104
Calcium					0.5000	0.525	105	0.568	114	0.508	102
Chromium					0.5000	0.532	106	0.534	107	0.533	107
Cobalt					0.5000	0.524	105	0.526	105	0.525	105
Copper					0.5000	0.535	107	0.533	107	0.532	106
Iron					0.5000	0.528	106	0.503	101	0.505	101
Lead					0.5000	0.517	103	0.518	104	0.519	104
Magnesium					0.5000	0.530	106	0.539	108	0.529	106
Manganese					0.5000	0.529	106	0.491	98	0.501	100
Nickel					0.5000	0.519	104	0.521	104	0.521	104
Potassium					5.0000	5.41	108	5.05	101	5.16	103
Selenium					0.5000	0.495	99	0.495	99	0.495	99
Silver					0.5000	0.522	104	0.521	104	0.520	104
Sodium					10.0000	10.2	102	9.55	96	9.78	98
Thallium					0.5000	0.539	108	0.541	108	0.539	108
Vanadium					0.5000	0.523	105	0.524	105	0.524	105
Zinc					0.5000	0.519	104	0.522	104	0.522	104

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	77-123%	(Method 1631)	76-113%	(Method 245.7)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)		
	85-115%	(Method 200.8)	80-120%	(Methods 7470, 7471)
	77-123%	(Method 1631)	76-113%	(Method 245.7)



Form 3 Blanks

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Instrument ID : TRACE9

Lab Number : L2543652
Project Number : W96.013.001

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank
	Lab ID : Date Analyzed :		R1992838-19 07/28/25 12:18		R1992838-21 07/28/25 13:20		R1992838-23 07/28/25 14:15		Q
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	
Aluminum			0.0325	U	0.0325	U	0.0325	U	
Antimony			0.0385	U	0.0385	U	0.0385	U	
Arsenic			0.00432	U	0.00432	U	0.00432	U	
Barium			0.00106	U	0.00106	U	0.00106	U	
Beryllium			0.000550	U	0.000550	U	0.000550	U	
Cadmium			0.000550	U	0.000550	U	0.000550	U	
Calcium			0.0567	U	0.0567	U	0.0567	U	
Chromium			0.00848	U	0.00848	U	0.00848	U	
Cobalt			0.00248	U	0.00248	U	0.00248	U	
Copper			0.00227	U	0.00227	U	0.00227	U	
Iron			0.0105	U	0.0105	U	0.0105	U	
Lead			0.00242	J	0.00238	U	0.00238	U	
Magnesium			0.0163	U	0.0163	U	0.0163	U	
Manganese			0.00536	U	0.00536	U	0.00536	U	
Nickel			0.00808	U	0.00808	U	0.00808	U	
Potassium			0.507	U	0.507	U	0.507	U	
Selenium			0.00329	U	0.00549	J	0.00638	J	
Silver			0.00298	U	0.00298	U	0.00298	U	
Sodium			1.06	U	1.06	U	1.06	U	
Thallium			0.00902	U	0.00902	U	0.00902	U	
Vanadium			0.00151	U	0.00151	U	0.00151	U	
Zinc			0.00606	U	0.00606	U	0.00606	U	



Form 5a Matrix Spike

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Client Sample ID : SS-101
Lab Sample ID : L2543652-01
Matrix Spike : WG2094334-3
Matrix Spike Dup : WG2094334-4

Lab Number : L2543652
Project Number : W96.013.001
Matrix : SLUDGE
MS Analysis Date : 07/27/25 16:57
MSD Analysis Date : 07/27/25 17:03

Parameter	Sample Conc. (mg/kg)	Matrix Spike Sample			%R	Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit		
		Spike Added (mg/kg)	Spike Conc. (mg/kg)			Spike Added (mg/kg)	Spike Conc. (mg/kg)						
Aluminum, Total	3420	188	3260	0	Q	186	3750	178	Q	14	75-125	20	
Antimony, Total	ND	46.9	30.4	65	Q	46.4	27.7	60	Q	9	75-125	20	
Arsenic, Total	14.1	11.3	29.1	133	Q	11.1	32.6	166	Q	11	75-125	20	
Barium, Total	40.4	188	229	100		186	234	104		2	75-125	20	
Beryllium, Total	ND	4.69	4.80	102		4.64	4.93	106		3	75-125	20	
Cadmium, Total	ND	4.97	4.35J	87		4.92	4.45J	90		2	75-125	20	
Calcium, Total	217000	938	222000	533	Q	929	196000	0	Q	12	75-125	20	
Chromium, Total	7.39	18.8	28.1	110		18.6	28.6	114		2	75-125	20	
Cobalt, Total	4.51J	46.9	56.0	119		46.4	55.3	119		1	75-125	20	
Copper, Total	37.1	23.4	45.4	35	Q	23.2	53.3	70	Q	16	75-125	20	
Iron, Total	8220	93.8	7920	0	Q	92.9	9770	1670	Q	21	Q	75-125	20
Lead, Total	73.4	49.7	129	112		49.2	134	123		4	75-125	20	
Magnesium, Total	18400	938	19700	138	Q	929	22500	441	Q	13	75-125	20	
Manganese, Total	381	46.9	440	126	Q	46.4	420	84		5	75-125	20	
Nickel, Total	9.85J	46.9	62.6	133	Q	46.4	61.6	133	Q	2	75-125	20	
Potassium, Total	569J	938	1510	161	Q	929	1540	166	Q	2	75-125	20	
Selenium, Total	ND	11.3	10.2	90		11.1	11.2	100		9	75-125	20	
Silver, Total	ND	4.69	5.29	113		4.64	5.28	114		0	75-125	20	
Sodium, Total	ND	938	1170	125		929	1180	127	Q	1	75-125	20	
Thallium, Total	ND	11.3	13.4	119		11.1	13.2	118		2	75-125	20	
Vanadium, Total	11.5	46.9	66.1	116		46.4	62.7	110		5	75-125	20	
Zinc, Total	74.7	46.9	124	105		46.4	131	121		5	75-125	20	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-01	Date Collected	: 07/11/25 09:10
Client ID	: SS-101	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 10:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.397g	%Solids	: 82
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.065	0.077	0.050	J



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-02	Date Collected	: 07/11/25 09:30
Client ID	: SS-102	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.391g	%Solids	: 80
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.247	0.080	0.052	

Form 1

METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-03	Date Collected	: 07/11/25 09:50
Client ID	: SS-103	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.384g	%Solids	: 73
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.116	0.089	0.058	

Form 1

METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-04	Date Collected	: 07/11/25 10:20
Client ID	: SS-104	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.394g	%Solids	: 75
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.121	0.085	0.055	

Form 1

METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-05	Date Collected	: 07/11/25 09:00
Client ID	: SS-106	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.371g	%Solids	: 87
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.077	0.050	U

Form 1 METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-06	Date Collected	: 07/11/25 12:30
Client ID	: SS-107	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:24
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.366g	%Solids	: 83
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.082	0.054	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-07	Date Collected	: 07/11/25 11:15
Client ID	: SS-108	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.358g	%Solids	: 81
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.085	0.086	0.056	J

Form 1

METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-08	Date Collected	: 07/11/25 11:40
Client ID	: SS-109	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.383g	%Solids	: 67
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	1.15	0.097	0.063	

Form 1

METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-09	Date Collected	: 07/11/25 12:00
Client ID	: SS-110	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.349g	%Solids	: 74
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.110	0.096	0.063	

Form 1

METALS

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-10	Date Collected	: 07/11/25 00:00
Client ID	: DUP-01	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/24/25 11:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2094344.pdf	Instrument ID	: NIC5
Sample Amount	: 0.386g	%Solids	: 88
Digestion Method	: EPA 7471B	Date Digested	: 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.051	0.074	0.048	J



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2094337-1
Client ID : WG2094337-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG2094344.pdf
Sample Amount : 0.3g
Digestion Method : EPA 7471B

Lab Number : L2543652
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 07/24/25 10:02
Dilution Factor : 1
Analyst : JWN
Instrument ID : NIC5
%Solids : NA
Date Digested : 07/24/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.083	0.054	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-01	Date Collected	: 07/11/25 09:10
Client ID	: SS-101	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0193g	%Solids	: 82
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.25	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-02	Date Collected	: 07/11/25 09:30
Client ID	: SS-102	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0856g	%Solids	: 80
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.24	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-03	Date Collected	: 07/11/25 09:50
Client ID	: SS-103	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0198g	%Solids	: 73
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.3	0.28	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-04	Date Collected	: 07/11/25 10:20
Client ID	: SS-104	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0284g	%Solids	: 75
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.3	0.28	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-05	Date Collected	: 07/11/25 09:00
Client ID	: SS-106	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0395g	%Solids	: 87
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-06	Date Collected	: 07/11/25 12:30
Client ID	: SS-107	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0566g	%Solids	: 83
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-07	Date Collected	: 07/11/25 11:15
Client ID	: SS-108	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0284g	%Solids	: 81
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.25	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-08	Date Collected	: 07/11/25 11:40
Client ID	: SS-109	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 12:59
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0884g	%Solids	: 67
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.4	0.29	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-09	Date Collected	: 07/11/25 12:00
Client ID	: SS-110	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 13:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0912g	%Solids	: 74
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	0.31	1.2	0.26	J



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-10	Date Collected	: 07/11/25 00:00
Client ID	: DUP-01	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/16/25 13:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN071625-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0613g	%Solids	: 88
Digestion Method	:	Date Digested	: 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U



Form 1
WETCHEM

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2090999-1
Client ID : WG2090999-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,9010C/9012B
Lab File ID : TCN071625-B
Sample Amount : 1.024g
Digestion Method :

Lab Number : L2543652
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 07/16/25 12:42
Dilution Factor : 1
Analyst : JER
Instrument ID : LACHAT6
%Solids : NA
Date Digested : 07/15/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.95	0.20	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-01	Date Collected	: 07/11/25 09:10
Client ID	: SS-101	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 82
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	81.6	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-02	Date Collected	: 07/11/25 09:30
Client ID	: SS-102	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	79.6	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-03	Date Collected	: 07/11/25 09:50
Client ID	: SS-103	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 73
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	73.2	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-04	Date Collected	: 07/11/25 10:20
Client ID	: SS-104	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	74.8	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-05	Date Collected	: 07/11/25 09:00
Client ID	: SS-106	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 87
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	87.4	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-06	Date Collected	: 07/11/25 12:30
Client ID	: SS-107	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	83.1	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-07	Date Collected	: 07/11/25 11:15
Client ID	: SS-108	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	81.3	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-08	Date Collected	: 07/11/25 11:40
Client ID	: SS-109	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 67
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	67.4	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-09	Date Collected	: 07/11/25 12:00
Client ID	: SS-110	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 74
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	74.3	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2543652
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2543652-10	Date Collected	: 07/11/25 00:00
Client ID	: DUP-01	Date Received	: 07/11/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 07/23/25 11:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2093983.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 88
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	87.9	0.100	NA	



Form 1

WETCHEM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2093983-1
 Client ID : SS-101DUP
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG2093983.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2543652
 Project Number : W96.013.001
 Date Collected : 07/11/25 09:10
 Date Received : 07/11/25
 Date Analyzed : 07/23/25 11:25
 Dilution Factor : 1
 Analyst : ROI
 Instrument ID : BALANCE#53
 %Solids : 82
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	83.8	0.100	NA	



Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2547174
October 10, 2025
Sampling date: 7/28/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2547174

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for C&S Engineers, project located at 160 Center St., Canastota, NY, SDG#L2547174 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Perfluorinated Hydrocarbons (EPA 1633), Inorganics/Mercury (6010D, 7471B) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	TP-102 FILL	L2547174-01
2	TP-102 NATIVE	L2547174-02
3	TP-103 FILL	L2547174-03
4	TP-103 NATIVE	L2547174-04
5	TP-104 FILL	L2547174-05
6	TP-104 NATIVE	L2547174-06
7	TP-106 FILL	L2547174-07
8	TP-106 NATIVE	L2547174-08
9	TP-109 FILL	L2547174-09
10	TP-109 NATIVE	L2547174-10
11	TP-113 FILL	L2547174-11
12	TP-113 NATIVE	L2547174-12

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

Old Erie Commons

SDG# L2547174

-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in the Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except a target analyte was outside QC limits in the initial calibration (ICal) and/or the initial calibration verification (ICV) and should be qualified in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICV VOA110	Dichlorodifluoromethane	50.7	UJ/J	WG2100360, 7, 8, 11, 12

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2100360-9	Tetrachloroethene	-22.5	UJ/J	WG2100360, 7, 8, 11, 12
WG2100360-9	m&p-Xylene	-23.7	UJ/J	WG2100360, 7, 8, 11, 12
WG2100360-9	n-Propylbenzene	-20.8	UJ/J	WG2100360, 7, 8, 11, 12
WG2100360-9	tert-Butylbenzene	-20.9	UJ/J	WG2100360, 7, 8, 11, 12

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples and Continuing Calibration.

Samples: DUSR ID#5 and #9 were diluted due to sample matrix.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
WG2099432	Hexachlorocyclopentadiene	26	30	UJ	1-5

MS/MSD

No MS/MSD was acquired for this analysis.

Old Erie Commons

SDG# L2547174

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except a couple of target analytes were outside QC limits in the continuing calibrations and should be qualified in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2099586-3	2-Nitrophenol	-22.3	UJ/J	WG2099432, 1-4
WG2099586-3	Hexachlorocyclopentadiene	56.3	UJ/J	WG2099432, 1-4
WG2099586-3	4,6-Dinitro-2-methylphenol	-36.4	UJ/J	WG2099432, 1-4
WG2099622-3	Hexachlorobutadiene	26.1	UJ	6-8, 10-12
WG2099622-3	2-Methylnaphthalene	20.4	UJ/J	6-8, 10-12
WG2099622-3	2,4,6-Trichlorophenol	20.3	UJ	6-8, 10-12
WG2099622-3	Pentachlorophenol	59.1	UJ	6-8, 10-12
WG2099622-3	Butylbenzylphthalate	-27.4	UJ	6-8, 10-12
WG2099622-3	Bis(2-ethylhexyl)phthalate	-27.4	UJ	6-8, 10-12
WG2100907-3	Bis(2-chloroisopropyl)ether	22.1	UJ	5, 9

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD

Old Erie Commons

SDG# L2547174

- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

The %D of a target analyte was outside QC limits off the confirmatory column. No further action is required.

CONTINUING CALIBRATION

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for several target analytes in a sample and should be qualified as estimated.

Target Analyte	Qualifier	Associated Sample
alpha-Chlordane	J	9
4,4'-DDE	J	9
4,4'-DDT	J	9

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except a couple of surrogates were outside QC limits in a sample and should be qualified as estimated.

Surrogate	Associated Target Analyte	Qualifier	Associated Sample
M2-8:2FTS	8:2FTS	UJ	9
d3-NMeFOSAA	NMeFOSAA	UJ	9

BLANKS

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

The %Rec of a target analyte was outside QC limits, high in the laboratory control samples but was not detected in the associated samples, so no further action is required.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All the criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and MS/MSD/Duplicate.

Samples: DUSR ID#1-12 and #1MS/DUP were diluted in method 6010D.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except a target analyte was detected in a blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(mg/kg)	Qualifier	Associated Sample
WG2099630	Fe	.977	JH	1-12

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met except several target analytes were outside QC limits in the matrix spike and/or the duplicate and should be qualified as estimated.

Target Analyte	%Rec #1MS	RPD #1DUP	Qualifier	Associated Sample
Al	-	22	J	1
Sb	48	-	UJ	1
As	178	33	JH	1
Ba	-	70	J	1
Cr	214	121	JH	1
Cu	2	90	JL	1
Fe	-	45	J	1
Pb	162	62	JH	1

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Target Analyte	%Rec #1MS	RPD #1DUP	Qualifier	Associated Sample
Mg	-	47	J	1
Ni	-	26	J	1
K	133	49	JH	1
V	200	130	JH	1
Zn	-	53	J	1

Na was detected in DUSR ID#1DUP but was not detected in #1.

Hg was detected in DUSR ID#1DUP but was not detected in #1.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide
- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

CYANIDE

All criteria were met.

%SOLIDS

All criteria were met.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547174
Report Date: 08/18/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547174
Report Date: 08/18/25

Case Narrative (continued)

Report Submission

August 18, 2025: This final report includes the results of all requested analyses.

August 11, 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.

Semivolatile Organics

L2547174-05D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Perfluorinated Alkyl Acids by 1633

L2547174-09: The Extracted Internal Standard recovery was above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (158%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

Total Metals

L2547174-01 through -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2099630-3 MS recoveries performed on L2547174-01 do not apply for aluminum (537%), calcium (0%), iron (3000%), and magnesium (0%) because the sample concentrations are greater than four times the spike amounts added.

The WG2099630-3 MS recoveries performed on L2547174-01 are outside the acceptance criteria for antimony (48%), arsenic (178%), chromium (214%), copper (2%), lead (162%), potassium (133%) and vanadium (200%). A post digestion spike was performed and was within acceptance criteria.

The WG2099630-4 Laboratory Duplicate RPDs performed on L2547174-01 are outside the acceptance criteria for aluminum (22%), arsenic (33%), barium (70%), chromium (121%), copper (90%), iron (45%), lead (62%), magnesium (47%), nickel (26%), potassium (49%), vanadium (130%) and zinc (53%) due to the non-homogeneous nature of the native sample.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547174
Report Date: 08/18/25

Case Narrative (continued)

Cyanide, Total

The WG2100749-2 LCS recovery associated with L2547174-01 through -12 is outside our in-house acceptance criteria for cyanide, total (77%), but within the vendor-certified acceptance limits. The results of the original analysis are reported.

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

Authorized Signature: 
Title: Technical Director/Representative

Report Date: 08/18/25

Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A20
 Sample Amount : 3.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/08/25 15:26
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : 84
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	9.1	4.2	U
75-34-3	1,1-Dichloroethane	ND	1.8	0.26	U
67-66-3	Chloroform	ND	2.7	0.25	U
56-23-5	Carbon tetrachloride	ND	1.8	0.42	U
78-87-5	1,2-Dichloropropane	ND	1.8	0.23	U
124-48-1	Dibromochloromethane	ND	1.8	0.25	U
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.48	U
127-18-4	Tetrachloroethene	ND	0.91	0.36	U
108-90-7	Chlorobenzene	ND	0.91	0.23	U
75-69-4	Trichlorofluoromethane	ND	7.2	1.3	U
107-06-2	1,2-Dichloroethane	ND	1.8	0.47	U
71-55-6	1,1,1-Trichloroethane	ND	0.91	0.30	U
75-27-4	Bromodichloromethane	ND	0.91	0.20	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.50	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.91	0.29	U
75-25-2	Bromoform	ND	7.2	0.45	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.91	0.30	U
71-43-2	Benzene	ND	0.91	0.30	U
108-88-3	Toluene	ND	1.8	0.98	U
100-41-4	Ethylbenzene	ND	1.8	0.26	U
74-87-3	Chloromethane	ND	7.2	1.7	U
74-83-9	Bromomethane	ND	3.6	1.0	U
75-01-4	Vinyl chloride	ND	1.8	0.61	U
75-00-3	Chloroethane	ND	3.6	0.82	U
75-35-4	1,1-Dichloroethene	ND	1.8	0.43	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A20
 Sample Amount : 3.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/08/25 15:26
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : 84
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.7	0.25	U
79-01-6	Trichloroethene	ND	0.91	0.25	U
95-50-1	1,2-Dichlorobenzene	ND	3.6	0.26	U
541-73-1	1,3-Dichlorobenzene	ND	3.6	0.27	U
106-46-7	1,4-Dichlorobenzene	ND	3.6	0.31	U
1634-04-4	Methyl tert butyl ether	ND	3.6	0.36	U
179601-23-1	p/m-Xylene	ND	3.6	1.0	U
95-47-6	o-Xylene	ND	1.8	0.53	U
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.32	U
100-42-5	Styrene	ND	1.8	0.36	U
75-71-8	Dichlorodifluoromethane	ND	18	1.7	U
67-64-1	Acetone	ND	18	8.7	U
75-15-0	Carbon disulfide	ND	18	8.2	U
78-93-3	2-Butanone	ND	18	4.0	U
108-10-1	4-Methyl-2-pentanone	ND	18	2.3	U
591-78-6	2-Hexanone	ND	18	2.1	U
106-93-4	1,2-Dibromoethane	ND	1.8	0.51	U
104-51-8	n-Butylbenzene	ND	1.8	0.30	U
135-98-8	sec-Butylbenzene	ND	1.8	0.26	U
98-06-6	tert-Butylbenzene	ND	3.6	0.21	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.4	1.8	U
98-82-8	Isopropylbenzene	ND	1.8	0.20	U
99-87-6	p-Isopropyltoluene	0.51	1.8	0.20	J
91-20-3	Naphthalene	ND	7.2	1.2	U
103-65-1	n-Propylbenzene	ND	1.8	0.31	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-07	Date Collected	: 07/28/25 10:20
Client ID	: TP-106 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 15:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250808A20	Instrument ID	: VOA110
Sample Amount	: 3.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.6	0.49	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.6	0.35	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.6	0.61	U
79-20-9	Methyl Acetate	ND	7.2	1.7	U
110-82-7	Cyclohexane	ND	18	0.99	U
76-13-1	Freon-113	ND	7.2	1.2	U
108-87-2	Methyl cyclohexane	ND	7.2	1.1	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A21
 Sample Amount : 4.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/08/25 15:53
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.9	3.1	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U
67-66-3	Chloroform	ND	2.0	0.19	U
56-23-5	Carbon tetrachloride	ND	1.4	0.32	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.17	U
124-48-1	Dibromochloromethane	ND	1.4	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.37	U
127-18-4	Tetrachloroethene	ND	0.69	0.27	U
108-90-7	Chlorobenzene	ND	0.69	0.17	U
75-69-4	Trichlorofluoromethane	ND	5.5	0.95	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.35	U
71-55-6	1,1,1-Trichloroethane	ND	0.69	0.23	U
75-27-4	Bromodichloromethane	ND	0.69	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.37	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.69	0.22	U
75-25-2	Bromoform	ND	5.5	0.34	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.69	0.23	U
71-43-2	Benzene	ND	0.69	0.23	U
108-88-3	Toluene	ND	1.4	0.74	U
100-41-4	Ethylbenzene	ND	1.4	0.19	U
74-87-3	Chloromethane	ND	5.5	1.3	U
74-83-9	Bromomethane	ND	2.7	0.80	U
75-01-4	Vinyl chloride	ND	1.4	0.46	U
75-00-3	Chloroethane	ND	2.7	0.62	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.33	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A21
 Sample Amount : 4.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/08/25 15:53
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.19	U
79-01-6	Trichloroethene	ND	0.69	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U
1634-04-4	Methyl tert butyl ether	ND	2.7	0.28	U
179601-23-1	p/m-Xylene	ND	2.7	0.77	U
95-47-6	o-Xylene	ND	1.4	0.40	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.24	U
100-42-5	Styrene	ND	1.4	0.27	U
75-71-8	Dichlorodifluoromethane	ND	14	1.2	U
67-64-1	Acetone	9.7	14	6.6	J
75-15-0	Carbon disulfide	ND	14	6.2	U
78-93-3	2-Butanone	ND	14	3.0	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U
591-78-6	2-Hexanone	ND	14	1.6	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.38	U
104-51-8	n-Butylbenzene	ND	1.4	0.23	U
135-98-8	sec-Butylbenzene	ND	1.4	0.20	U
98-06-6	tert-Butylbenzene	ND	2.7	0.16	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.1	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	0.37	1.4	0.15	J
91-20-3	Naphthalene	ND	5.5	0.89	U
103-65-1	n-Propylbenzene	ND	1.4	0.23	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-08	Date Collected	: 07/28/25 10:30
Client ID	: TP-106 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 15:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250808A21	Instrument ID	: VOA110
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.37	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.46	U
79-20-9	Methyl Acetate	ND	5.5	1.3	U
110-82-7	Cyclohexane	ND	14	0.75	U
76-13-1	Freon-113	ND	5.5	0.95	U
108-87-2	Methyl cyclohexane	ND	5.5	0.83	U

Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-11
 Client ID : TP-113 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A22
 Sample Amount : 4.4 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:00
 Date Received : 07/28/25
 Date Analyzed : 08/08/25 16:20
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : 92
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.2	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.33	U
127-18-4	Tetrachloroethene	ND	0.62	0.24	U
108-90-7	Chlorobenzene	ND	0.62	0.16	U
75-69-4	Trichlorofluoromethane	ND	4.9	0.86	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.32	U
71-55-6	1,1,1-Trichloroethane	ND	0.62	0.21	U
75-27-4	Bromodichloromethane	ND	0.62	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.34	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	0.20	U
75-25-2	Bromoform	ND	4.9	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	0.20	U
71-43-2	Benzene	ND	0.62	0.20	U
108-88-3	Toluene	ND	1.2	0.67	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.9	1.2	U
74-83-9	Bromomethane	ND	2.5	0.72	U
75-01-4	Vinyl chloride	ND	1.2	0.41	U
75-00-3	Chloroethane	ND	2.5	0.56	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.29	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547174
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547174-11	Date Collected : 07/28/25 14:00
Client ID : TP-113 FILL	Date Received : 07/28/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 16:20
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V10250808A22	Instrument ID : VOA110
Sample Amount : 4.4 g	GC Column : RTX-VMS
Level : LOW	%Solids : 92
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	1.8	0.17	U
79-01-6	Trichloroethene	ND	0.62	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.25	U
179601-23-1	p/m-Xylene	ND	2.5	0.69	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.22	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	5.9	U
75-15-0	Carbon disulfide	ND	12	5.6	U
78-93-3	2-Butanone	ND	12	2.7	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.4	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U
104-51-8	n-Butylbenzene	ND	1.2	0.21	U
135-98-8	sec-Butylbenzene	ND	1.2	0.18	U
98-06-6	tert-Butylbenzene	ND	2.5	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	ND	4.9	0.80	U
103-65-1	n-Propylbenzene	ND	1.2	0.21	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547174
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547174-11	Date Collected : 07/28/25 14:00
Client ID : TP-113 FILL	Date Received : 07/28/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 16:20
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V10250808A22	Instrument ID : VOA110
Sample Amount : 4.4 g	GC Column : RTX-VMS
Level : LOW	%Solids : 92
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.41	U
79-20-9	Methyl Acetate	ND	4.9	1.2	U
110-82-7	Cyclohexane	ND	12	0.67	U
76-13-1	Freon-113	ND	4.9	0.86	U
108-87-2	Methyl cyclohexane	ND	4.9	0.74	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-12
 Client ID : TP-113 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A23
 Sample Amount : 5.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:10
 Date Received : 07/28/25
 Date Analyzed : 08/08/25 16:47
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.1	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U
127-18-4	Tetrachloroethene	ND	0.61	0.24	U
108-90-7	Chlorobenzene	ND	0.61	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.9	0.84	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.61	0.20	U
75-27-4	Bromodichloromethane	ND	0.61	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.61	0.19	U
75-25-2	Bromoform	ND	4.9	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.61	0.20	U
71-43-2	Benzene	ND	0.61	0.20	U
108-88-3	Toluene	ND	1.2	0.66	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.9	1.1	U
74-83-9	Bromomethane	ND	2.4	0.71	U
75-01-4	Vinyl chloride	ND	1.2	0.41	U
75-00-3	Chloroethane	ND	2.4	0.55	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.29	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-12
 Client ID : TP-113 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A23
 Sample Amount : 5.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:10
 Date Received : 07/28/25
 Date Analyzed : 08/08/25 16:47
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : 81
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.17	U
79-01-6	Trichloroethene	ND	0.61	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.68	U
95-47-6	o-Xylene	ND	1.2	0.35	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	19	12	5.8	
75-15-0	Carbon disulfide	ND	12	5.5	U
78-93-3	2-Butanone	ND	12	2.7	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.4	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U
104-51-8	n-Butylbenzene	ND	1.2	0.20	U
135-98-8	sec-Butylbenzene	ND	1.2	0.18	U
98-06-6	tert-Butylbenzene	ND	2.4	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	ND	4.9	0.79	U
103-65-1	n-Propylbenzene	ND	1.2	0.21	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-12	Date Collected	: 07/28/25 14:10
Client ID	: TP-113 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V10250808A23	Instrument ID	: VOA110
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.33	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.23	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.40	U
79-20-9	Methyl Acetate	ND	4.9	1.2	U
110-82-7	Cyclohexane	ND	12	0.66	U
76-13-1	Freon-113	ND	4.9	0.84	U
108-87-2	Methyl cyclohexane	ND	4.9	0.73	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100360-12
 Client ID : WG2100360-12BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A04
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/08/25 08:11
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : NA
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100360-12
 Client ID : WG2100360-12BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A04
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/08/25 08:11
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : NA
 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
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100360-12
 Client ID : WG2100360-12BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V10250808A04
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/08/25 08:11
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA110
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Evaluate Continuing Calibration Report

Data Path : K:\VOA110\2025\250731AICAL\
 Data File : V10250731A18.D
 Acq On : 31 Jul 2025 9:56 pm
 Operator : VOA110:JIC
 Sample : C826040PPB
 Misc : WG2097919,ICAL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 01 11:50:32 2025
 Quant Method : K:\VOA110\2025\250731AICAL\V110_250731A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Aug 01 11:49:38 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	107	0.00
2 TP	Dichlorodifluoromethane	0.294	0.145	50.7#	48#	0.00
3 TP	Chloromethane	0.363	0.270	25.6#	78	0.00
4 TP	Vinyl chloride	0.303	0.238	21.5#	80	0.00
5 TP	Bromomethane	0.200	0.179	10.5	103	0.00
6 TP	Chloroethane	0.180	0.159	11.7	92	-0.01
7 TP	Trichlorofluoromethane	0.379	0.348	8.2	93	0.00
8 TP	Ethyl ether	0.155	0.140	9.7	96	0.00
10 TP	1,1-Dichloroethene	0.208	0.190	8.7	91	0.00
11 TP	Carbon disulfide	0.722	0.575	20.4#	84	0.00
12 TP	Freon-113	0.214	0.225	-5.1	102	0.00
14 TP	Acrolein	0.056	0.023	58.9#	44#	0.00
15 TP	Methylene chloride	0.287	0.244	15.0	101	0.00
17 TP	Acetone	0.128	0.090	29.7#	79	0.00
18 TP	trans-1,2-Dichloroethene	0.248	0.241	2.8	99	0.00
19 TP	Methyl acetate	0.249	0.213	14.5	92	0.00
20 TP	Methyl tert-butyl ether	0.755	0.684	9.4	91	0.00
21 TP	tert-Butyl alcohol	0.040	0.041	-2.5	103	0.00
22 TP	Diisopropyl ether	0.874	0.873	0.1	101	0.00
23 TP	1,1-Dichloroethane	0.467	0.442	5.4	99	0.00
24 TP	Halothane	0.194	0.198	-2.1	103	0.00
25 TP	Acrylonitrile	0.095	0.096	-1.1	96	0.00
26 TP	Ethyl tert-butyl ether	0.733	0.764	-4.2	102	0.00
27 TP	Vinyl acetate	0.622	0.605	2.7	100	0.00
28 TP	cis-1,2-Dichloroethene	0.270	0.258	4.4	98	0.00
29 TP	2,2-Dichloropropane	0.364	0.342	6.0	95	0.00
30 TP	Bromochloromethane	0.147	0.142	3.4	100	0.00
31 TP	Cyclohexane	0.408	0.431	-5.6	100	0.00
32 TP	Chloroform	0.450	0.428	4.9	102	0.00
33 TP	Ethyl acetate	0.313	0.316	-1.0	100	0.00
34 TP	Carbon tetrachloride	0.355	0.344	3.1	93	0.00
35 TP	Tetrahydrofuran	0.108	0.105	2.8	97	0.00
36 S	Dibromofluoromethane	0.289	0.268	7.3	103	0.00
37 TP	1,1,1-Trichloroethane	0.384	0.380	1.0	99	0.00
39 TP	2-Butanone	0.145	0.133	8.3	96	0.00
40 TP	1,1-Dichloropropene	* 40.000	39.336	1.7	103	0.00
41 TP	Benzene	0.943	0.951	-0.8	101	0.00
42 TP	tert-Amyl methyl ether	0.659	0.675	-2.4	98	0.00
43 S	1,2-Dichloroethane-d4	0.306	0.290	5.2	107	0.00

Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA110
 Lab File ID : V10250808A01
 Sample No : WG2100360-9
 Channel :

Lab Number : L2547174
 Project Number : W96.013.001
 Calibration Date : 08/08/25 06:51
 Init. Calib. Date(s) : 07/31/25 07/31/25
 Init. Calib. Times : 15:09 20:07

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.25	0.257	-	-2.8	20	123	0
2-Chloroethyl vinyl ether	0.141	0.139	-	1.4	20	121	0
Bromodichloromethane	0.343	0.34	-	0.9	20	117	0
1,4-Dioxane	2000	1761.306	-	11.9	20	115	0
cis-1,3-Dichloropropene	0.377	0.411	-	-9	20	122	0
Chlorobenzene-d5	1	1	-	0	20	121	0
Toluene-d8	1.167	1.185	-	-1.5	20	122	0
Toluene	0.688	0.758	-	-10.2	20	125	0
4-Methyl-2-pentanone	0.115	0.113	-	1.7	20	115	0
Tetrachloroethene	0.315	0.386	-	-22.5*	20	133	0
trans-1,3-Dichloropropene	0.389	0.444	-	-14.1	20	123	0
Ethyl methacrylate	40	37.568	-	6.1	20	120	0
1,1,2-Trichloroethane	0.203	0.218	-	-7.4	20	119	0
Chlorodibromomethane	0.308	0.347	-	-12.7	20	124	0
1,3-Dichloropropane	0.408	0.445	-	-9.1	20	121	0
1,2-Dibromoethane	0.25	0.276	-	-10.4	20	121	0
2-Hexanone	0.238	0.224	-	5.9	20	113	0
Chlorobenzene	0.83	0.925	-	-11.4	20	126	0
Ethylbenzene	1.262	1.469	-	-16.4	20	126	0
1,1,1,2-Tetrachloroethane	0.31	0.342	-	-10.3	20	124	0
p/m Xylene	0.494	0.611	-	-23.7*	20	127	0
o Xylene	80	85.238	-	-6.5	20	124	0
Styrene	80	83.771	-	-4.7	20	122	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	118	0
Bromoform	0.366	0.391	-	-6.8	20	120	0
Isopropylbenzene	1.972	2.381	-	-20.7*	20	126	0
4-Bromofluorobenzene	0.671	0.715	-	-6.6	20	128	0
Bromobenzene	0.602	0.68	-	-13	20	129	0
n-Propylbenzene	2.357	2.848	-	-20.8*	20	129	0
1,4-Dichlorobutane	0.77	0.809	-	-5.1	20	120	0
1,1,2,2-Tetrachloroethane	0.56	0.579	-	-3.4	20	117	0
4-Ethyltoluene	2.037	2.512	-	-23.3*	20	129	0
2-Chlorotoluene	1.415	1.61	-	-13.8	20	126	0
1,3,5-Trimethylbenzene	1.772	2.104	-	-18.7	20	125	0
1,2,3-Trichloropropane	0.451	0.473	-	-4.9	20	115	0
trans-1,4-Dichloro-2-buten	0.182	0.205	-	-12.6	20	124	0
4-Chlorotoluene	1.432	1.684	-	-17.6	20	126	0
tert-Butylbenzene	1.557	1.883	-	-20.9*	20	127	0
1,2,4-Trimethylbenzene	1.738	2.065	-	-18.8	20	125	0
sec-Butylbenzene	2.367	2.83	-	-19.6	20	125	0
p-Isopropyltoluene	2.131	2.494	-	-17	20	124	0
1,3-Dichlorobenzene	1.19	1.339	-	-12.5	20	127	0
1,4-Dichlorobenzene	1.238	1.364	-	-10.2	20	126	0

* Value outside of QC limits.



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2099432-2 Analysis Date : 08/06/25 08:51 File ID : 099434-2
 LCSD Sample ID : WG2099432-3 Analysis Date : 08/06/25 09:15 File ID : 099434-3

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	820	63	1300	900	69	9	31-137	50
Hexachlorobenzene	1300	890	68	1300	960	73	7	40-140	50
Bis(2-chloroethyl)ether	1300	940	72	1300	1000	79	9	40-140	50
2-Chloronaphthalene	1300	880	68	1300	990	75	10	40-140	50
3,3'-Dichlorobenzidine	1300	740	57	1300	780	60	5	40-140	50
2,4-Dinitrotoluene	1300	1100	81	1300	1100	85	5	40-132	50
2,6-Dinitrotoluene	1300	1000	78	1300	1200	89	13	40-140	50
Fluoranthene	1300	840	64	1300	950	72	12	40-140	50
4-Chlorophenyl phenyl ether	1300	800	61	1300	890	68	11	40-140	50
4-Bromophenyl phenyl ether	1300	840	64	1300	900	68	6	40-140	50
Bis(2-chloroisopropyl)ether	1300	950	73	1300	980	75	3	40-140	50
Bis(2-chloroethoxy)methane	1300	950	72	1300	1000	79	9	40-117	50
Hexachlorobutadiene	1300	780	60	1300	870	66	10	40-140	50
Hexachlorocyclopentadiene	1300	330	26 Q	1300	390	30 Q	14	40-140	50
Hexachloroethane	1300	960	73	1300	1000	78	7	40-140	50
Isophorone	1300	940	72	1300	1000	78	8	40-140	50
Naphthalene	1300	850	65	1300	950	72	10	40-140	50
Nitrobenzene	1300	1000	78	1300	1100	84	7	40-140	50
NDPA/DPA	1300	840	64	1300	930	71	10	36-157	50
n-Nitrosodi-n-propylamine	1300	960	73	1300	1000	78	7	32-121	50
Bis(2-ethylhexyl)phthalate	1300	980	75	1300	1100	86	14	40-140	50
Butyl benzyl phthalate	1300	1000	77	1300	1200	88	13	40-140	50
Di-n-butylphthalate	1300	910	70	1300	1100	81	15	40-140	50
Di-n-octylphthalate	1300	1000	78	1300	1200	89	13	40-140	50
Diethyl phthalate	1300	900	68	1300	980	74	8	40-140	50
Dimethyl phthalate	1300	870	67	1300	1000	77	14	40-140	50



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-01
 Client ID : TP-102 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-01
 Sample Amount : 30.16 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:40
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:00
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	190	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	170	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	64.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-01
 Client ID : TP-102 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-01
 Sample Amount : 30.16 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:40
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:00
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	35.	U
117-84-0	Di-n-octylphthalate	ND	190	63.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	73	110	21.	J
50-32-8	Benzo(a)pyrene	66	150	46.	J
205-99-2	Benzo(b)fluoranthene	88	110	31.	J
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	75	110	19.	J
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	58	150	22.	J
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	160	110	23.	
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	44	150	26.	J
129-00-0	Pyrene	140	110	18.	
92-52-4	Biphenyl	ND	420	24.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-01
 Client ID : TP-102 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-01
 Sample Amount : 30.16 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:40
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:00
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	19.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	900	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	250	50.	U
105-60-2	Caprolactam	ND	190	57.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-01	Date Collected	: 07/28/25 11:40
Client ID	: TP-102 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 12:00
Sample Matrix	: SOIL	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47174-01	Analyst	: DV
Sample Amount	: 30.16 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.6	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-02
 Client ID : TP-102 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-02
 Sample Amount : 30.42 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:50
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:23
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 77
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	57.	U
121-14-2	2,4-Dinitrotoluene	ND	210	43.	U
606-20-2	2,6-Dinitrotoluene	ND	210	37.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	22.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	610	190	U
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	32.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	74.	U
85-68-7	Butyl benzyl phthalate	ND	210	54.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-02
 Client ID : TP-102 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-02
 Sample Amount : 30.42 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:50
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:23
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 77
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	210	41.	U
117-84-0	Di-n-octylphthalate	ND	210	73.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	45.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	21.	U
92-52-4	Biphenyl	ND	490	28.	U
106-47-8	4-Chloroaniline	ND	210	39.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	89.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-02
 Client ID : TP-102 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-02
 Sample Amount : 30.42 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:50
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:23
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 77
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	210	32.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	71.	U
88-75-5	2-Nitrophenol	ND	460	81.	U
100-02-7	4-Nitrophenol	ND	300	88.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	560	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	41.	U
86-74-8	Carbazole	ND	210	21.	U
1912-24-9	Atrazine	ND	170	75.	U
100-52-7	Benzaldehyde	ND	280	58.	U
105-60-2	Caprolactam	ND	210	65.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-02	Date Collected	: 07/28/25 11:50
Client ID	: TP-102 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 12:23
Sample Matrix	: SOIL	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47174-02	Analyst	: DV
Sample Amount	: 30.42 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U
123-91-1	1,4-Dioxane	ND	32	9.9	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-03
 Client ID : TP-103 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-03
 Sample Amount : 30.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:05
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:47
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	75	180	23.	J
118-74-1	Hexachlorobenzene	ND	140	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	60.	U
121-14-2	2,4-Dinitrotoluene	ND	220	45.	U
606-20-2	2,6-Dinitrotoluene	ND	220	39.	U
206-44-0	Fluoranthene	1300	140	26.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	110	220	27.	J
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	26.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	35.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	78.	U
85-68-7	Butyl benzyl phthalate	ND	220	57.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-03
 Client ID : TP-103 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-03
 Sample Amount : 30.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:05
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:47
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	220	43.	U
117-84-0	Di-n-octylphthalate	ND	220	76.	U
84-66-2	Diethyl phthalate	ND	220	21.	U
131-11-3	Dimethyl phthalate	ND	220	47.	U
56-55-3	Benzo(a)anthracene	670	140	25.	
50-32-8	Benzo(a)pyrene	610	180	55.	
205-99-2	Benzo(b)fluoranthene	810	140	38.	
207-08-9	Benzo(k)fluoranthene	210	140	36.	
218-01-9	Chrysene	710	140	23.	
208-96-8	Acenaphthylene	220	180	35.	
120-12-7	Anthracene	290	140	44.	
191-24-2	Benzo(ghi)perylene	420	180	26.	
86-73-7	Fluorene	100	220	22.	J
85-01-8	Phenanthrene	1100	140	27.	
53-70-3	Dibenzo(a,h)anthracene	100	140	26.	J
193-39-5	Indeno(1,2,3-cd)pyrene	420	180	31.	
129-00-0	Pyrene	1200	140	22.	
92-52-4	Biphenyl	ND	510	29.	U
106-47-8	4-Chloroaniline	ND	220	41.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	93.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-03
 Client ID : TP-103 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-03
 Sample Amount : 30.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:05
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:47
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	63	220	21.	J
91-57-6	2-Methylnaphthalene	62	270	27.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	43.	U
59-50-7	p-Chloro-m-cresol	ND	220	34.	U
95-57-8	2-Chlorophenol	ND	220	27.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	74.	U
88-75-5	2-Nitrophenol	ND	490	85.	U
100-02-7	4-Nitrophenol	ND	320	92.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	50.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	35.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	150	220	22.	J
1912-24-9	Atrazine	ND	180	79.	U
100-52-7	Benzaldehyde	ND	300	61.	U
105-60-2	Caprolactam	ND	220	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547174
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547174-03	Date Collected : 07/28/25 11:05
Client ID : TP-103 FILL	Date Received : 07/28/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/06/25 12:47
Sample Matrix : SOIL	Date Extracted : 08/05/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47174-03	Analyst : DV
Sample Amount : 30.39 g	Instrument ID : JULIET
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 73
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U
123-91-1	1,4-Dioxane	ND	34	10.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-04
 Client ID : TP-103 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-04
 Sample Amount : 30.76 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:10
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:11
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	160	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-04
 Client ID : TP-103 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-04
 Sample Amount : 30.76 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:10
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:11
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	67.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	160	48.	U
205-99-2	Benzo(b)fluoranthene	ND	120	33.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	160	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	27.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	450	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	81.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-04
 Client ID : TP-103 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-04
 Sample Amount : 30.76 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:10
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:11
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	200	18.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	20.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	420	74.	U
100-02-7	4-Nitrophenol	ND	280	80.	U
51-28-5	2,4-Dinitrophenol	ND	940	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	94.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	ND	200	19.	U
1912-24-9	Atrazine	ND	160	69.	U
100-52-7	Benzaldehyde	ND	260	53.	U
105-60-2	Caprolactam	ND	200	60.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-04	Date Collected	: 07/28/25 11:10
Client ID	: TP-103 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 13:11
Sample Matrix	: SOIL	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47174-04	Analyst	: DV
Sample Amount	: 30.76 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	29	9.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-05D
 Client ID : TP-104 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-05
 Sample Amount : 30.54 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 12:00
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 11:07
 Date Extracted : 08/05/25
 Dilution Factor : 5
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : 76
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	860	110	U
118-74-1	Hexachlorobenzene	ND	640	120	U
111-44-4	Bis(2-chloroethyl)ether	ND	960	140	U
91-58-7	2-Chloronaphthalene	ND	1100	110	U
91-94-1	3,3'-Dichlorobenzidine	ND	1100	280	U
121-14-2	2,4-Dinitrotoluene	ND	1100	210	U
606-20-2	2,6-Dinitrotoluene	ND	1100	180	U
206-44-0	Fluoranthene	4700	640	120	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1100	110	U
101-55-3	4-Bromophenyl phenyl ether	ND	1100	160	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	1300	180	U
111-91-1	Bis(2-chloroethoxy)methane	ND	1200	110	U
87-68-3	Hexachlorobutadiene	ND	1100	160	U
77-47-4	Hexachlorocyclopentadiene	ND	3100	970	U
67-72-1	Hexachloroethane	ND	860	170	U
78-59-1	Isophorone	ND	960	140	U
91-20-3	Naphthalene	550	1100	130	J
98-95-3	Nitrobenzene	ND	960	160	U
86-30-6	NDPA/DPA	ND	860	120	U
621-64-7	n-Nitrosodi-n-propylamine	ND	1100	160	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1100	370	U
85-68-7	Butyl benzyl phthalate	ND	1100	270	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-05D
 Client ID : TP-104 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-05
 Sample Amount : 30.54 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 12:00
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 11:07
 Date Extracted : 08/05/25
 Dilution Factor : 5
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : 76
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	220	1100	200	J
117-84-0	Di-n-octylphthalate	ND	1100	360	U
84-66-2	Diethyl phthalate	ND	1100	99.	U
131-11-3	Dimethyl phthalate	ND	1100	220	U
56-55-3	Benzo(a)anthracene	1900	640	120	
50-32-8	Benzo(a)pyrene	2500	860	260	
205-99-2	Benzo(b)fluoranthene	3900	640	180	
207-08-9	Benzo(k)fluoranthene	1000	640	170	
218-01-9	Chrysene	2700	640	110	
208-96-8	Acenaphthylene	1200	860	160	
120-12-7	Anthracene	560	640	210	J
191-24-2	Benzo(ghi)perylene	1900	860	130	
86-73-7	Fluorene	340	1100	100	J
85-01-8	Phenanthrene	2700	640	130	
53-70-3	Dibenzo(a,h)anthracene	490	640	120	J
193-39-5	Indeno(1,2,3-cd)pyrene	2200	860	150	
129-00-0	Pyrene	3700	640	110	
92-52-4	Biphenyl	ND	2400	140	U
106-47-8	4-Chloroaniline	ND	1100	200	U
88-74-4	2-Nitroaniline	ND	1100	210	U
99-09-2	3-Nitroaniline	ND	1100	200	U
100-01-6	4-Nitroaniline	ND	1100	440	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-05D
 Client ID : TP-104 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-05
 Sample Amount : 30.54 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 12:00
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 11:07
 Date Extracted : 08/05/25
 Dilution Factor : 5
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : 76
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	460	1100	100	J
91-57-6	2-Methylnaphthalene	740	1300	130	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1100	110	U
98-86-2	Acetophenone	ND	1100	130	U
88-06-2	2,4,6-Trichlorophenol	ND	640	200	U
59-50-7	p-Chloro-m-cresol	ND	1100	160	U
95-57-8	2-Chlorophenol	ND	1100	130	U
120-83-2	2,4-Dichlorophenol	ND	960	170	U
105-67-9	2,4-Dimethylphenol	ND	1100	350	U
88-75-5	2-Nitrophenol	ND	2300	400	U
100-02-7	4-Nitrophenol	ND	1500	440	U
51-28-5	2,4-Dinitrophenol	ND	5100	500	U
534-52-1	4,6-Dinitro-o-cresol	ND	2800	510	U
87-86-5	Pentachlorophenol	ND	860	240	U
108-95-2	Phenol	ND	1100	160	U
95-48-7	2-Methylphenol	ND	1100	170	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	1500	170	U
95-95-4	2,4,5-Trichlorophenol	ND	1100	200	U
86-74-8	Carbazole	730	1100	100	J
1912-24-9	Atrazine	ND	860	380	U
100-52-7	Benzaldehyde	ND	1400	290	U
105-60-2	Caprolactam	ND	1100	320	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547174
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547174-05D	Date Collected : 07/28/25 12:00
Client ID : TP-104 FILL	Date Received : 07/28/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 11:07
Sample Matrix : SOIL	Date Extracted : 08/05/25
Analytical Method : 1,8270E	Dilution Factor : 5
Lab File ID : 47174-05	Analyst : JG
Sample Amount : 30.54 g	Instrument ID : SV109
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 76
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1100	220	U
123-91-1	1,4-Dioxane	ND	160	49.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-06
 Client ID : TP-104 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-06
 Sample Amount : 30.53 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 12:15
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 11:44
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	160	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	26.	U
91-58-7	2-Chloronaphthalene	ND	200	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	25.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U
85-68-7	Butyl benzyl phthalate	ND	200	49.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-06
 Client ID : TP-104 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-06
 Sample Amount : 30.53 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 12:15
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 11:44
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	66.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	160	48.	U
205-99-2	Benzo(b)fluoranthene	ND	120	33.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	160	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	450	25.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	81.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-06
 Client ID : TP-104 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-06
 Sample Amount : 30.53 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 12:15
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 11:44
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	200	18.	U
91-57-6	2-Methylnaphthalene	ND	230	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	20.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	31.	U
105-67-9	2,4-Dimethylphenol	ND	200	64.	U
88-75-5	2-Nitrophenol	ND	420	74.	U
100-02-7	4-Nitrophenol	ND	270	80.	U
51-28-5	2,4-Dinitrophenol	ND	940	91.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	94.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	37.	U
86-74-8	Carbazole	ND	200	19.	U
1912-24-9	Atrazine	ND	160	68.	U
100-52-7	Benzaldehyde	ND	260	53.	U
105-60-2	Caprolactam	ND	200	59.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-06
 Client ID : TP-104 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-06
 Sample Amount : 30.53 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 12:15
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 11:44
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	29	9.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-07
 Sample Amount : 30.08 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:30
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	110	160	20.	J
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	1700	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	190	200	24.	J
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-07
 Sample Amount : 30.08 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:30
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	67.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	900	120	22.	
50-32-8	Benzo(a)pyrene	810	160	48.	
205-99-2	Benzo(b)fluoranthene	1100	120	33.	
207-08-9	Benzo(k)fluoranthene	300	120	32.	
218-01-9	Chrysene	820	120	20.	
208-96-8	Acenaphthylene	150	160	30.	J
120-12-7	Anthracene	370	120	38.	
191-24-2	Benzo(ghi)perylene	480	160	23.	
86-73-7	Fluorene	140	200	19.	J
85-01-8	Phenanthrene	1400	120	24.	
53-70-3	Dibenzo(a,h)anthracene	100	120	23.	J
193-39-5	Indeno(1,2,3-cd)pyrene	460	160	28.	
129-00-0	Pyrene	1500	120	20.	
92-52-4	Biphenyl	ND	450	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	82.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-07
 Sample Amount : 30.08 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:30
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	90	200	19.	J
91-57-6	2-Methylnaphthalene	110	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	430	74.	U
100-02-7	4-Nitrophenol	ND	280	81.	U
51-28-5	2,4-Dinitrophenol	ND	950	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	95.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	120	200	19.	J
1912-24-9	Atrazine	ND	160	69.	U
100-52-7	Benzaldehyde	75	260	53.	J
105-60-2	Caprolactam	ND	200	60.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-07	Date Collected	: 07/28/25 10:20
Client ID	: TP-106 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 12:30
Sample Matrix	: SOIL	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47174-07	Analyst	: JG
Sample Amount	: 30.08 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.1	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-08
 Sample Amount : 30.1 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:53
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	190	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	25	110	21.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-08
 Sample Amount : 30.1 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:53
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	35.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	26	110	21.	J
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	ND	110	32.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	28	110	19.	J
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	29	110	18.	J
92-52-4	Biphenyl	ND	430	24.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-08
 Sample Amount : 30.1 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 12:53
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	900	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	250	50.	U
105-60-2	Caprolactam	ND	190	57.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547174
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547174-08	Date Collected : 07/28/25 10:30
Client ID : TP-106 NATIVE	Date Received : 07/28/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/06/25 12:53
Sample Matrix : SOIL	Date Extracted : 08/05/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47174-08	Analyst : JG
Sample Amount : 30.1 g	Instrument ID : MORK
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 89
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.6	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-09D
 Client ID : TP-109 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-09
 Sample Amount : 30.54 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:30
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 08:24
 Date Extracted : 08/05/25
 Dilution Factor : 5
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	2600	840	110	
118-74-1	Hexachlorobenzene	ND	630	120	U
111-44-4	Bis(2-chloroethyl)ether	ND	940	140	U
91-58-7	2-Chloronaphthalene	ND	1000	100	U
91-94-1	3,3'-Dichlorobenzidine	ND	1000	280	U
121-14-2	2,4-Dinitrotoluene	ND	1000	210	U
606-20-2	2,6-Dinitrotoluene	ND	1000	180	U
206-44-0	Fluoranthene	27000	630	120	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1000	110	U
101-55-3	4-Bromophenyl phenyl ether	ND	1000	160	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	1200	180	U
111-91-1	Bis(2-chloroethoxy)methane	ND	1100	100	U
87-68-3	Hexachlorobutadiene	ND	1000	150	U
77-47-4	Hexachlorocyclopentadiene	ND	3000	940	U
67-72-1	Hexachloroethane	ND	840	170	U
78-59-1	Isophorone	ND	940	140	U
91-20-3	Naphthalene	1100	1000	130	
98-95-3	Nitrobenzene	ND	940	150	U
86-30-6	NDPA/DPA	ND	840	120	U
621-64-7	n-Nitrosodi-n-propylamine	ND	1000	160	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1000	360	U
85-68-7	Butyl benzyl phthalate	ND	1000	260	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-09D
 Client ID : TP-109 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-09
 Sample Amount : 30.54 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:30
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 08:24
 Date Extracted : 08/05/25
 Dilution Factor : 5
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	1000	200	U
117-84-0	Di-n-octylphthalate	ND	1000	360	U
84-66-2	Diethyl phthalate	ND	1000	97.	U
131-11-3	Dimethyl phthalate	ND	1000	220	U
56-55-3	Benzo(a)anthracene	12000	630	120	
50-32-8	Benzo(a)pyrene	11000	840	250	
205-99-2	Benzo(b)fluoranthene	14000	630	180	
207-08-9	Benzo(k)fluoranthene	3800	630	170	
218-01-9	Chrysene	12000	630	110	
208-96-8	Acenaphthylene	590	840	160	J
120-12-7	Anthracene	6500	630	200	
191-24-2	Benzo(ghi)perylene	6500	840	120	
86-73-7	Fluorene	3200	1000	100	
85-01-8	Phenanthrene	22000	630	130	
53-70-3	Dibenzo(a,h)anthracene	1600	630	120	
193-39-5	Indeno(1,2,3-cd)pyrene	7400	840	140	
129-00-0	Pyrene	22000	630	100	
92-52-4	Biphenyl	200	2400	140	J
106-47-8	4-Chloroaniline	ND	1000	190	U
88-74-4	2-Nitroaniline	ND	1000	200	U
99-09-2	3-Nitroaniline	ND	1000	200	U
100-01-6	4-Nitroaniline	ND	1000	430	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-09D
 Client ID : TP-109 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-09
 Sample Amount : 30.54 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:30
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 08:24
 Date Extracted : 08/05/25
 Dilution Factor : 5
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	1800	1000	99.	
91-57-6	2-Methylnaphthalene	840	1200	130	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1000	110	U
98-86-2	Acetophenone	ND	1000	130	U
88-06-2	2,4,6-Trichlorophenol	ND	630	200	U
59-50-7	p-Chloro-m-cresol	ND	1000	160	U
95-57-8	2-Chlorophenol	ND	1000	120	U
120-83-2	2,4-Dichlorophenol	ND	940	170	U
105-67-9	2,4-Dimethylphenol	ND	1000	340	U
88-75-5	2-Nitrophenol	ND	2200	390	U
100-02-7	4-Nitrophenol	ND	1500	430	U
51-28-5	2,4-Dinitrophenol	ND	5000	490	U
534-52-1	4,6-Dinitro-o-cresol	ND	2700	500	U
87-86-5	Pentachlorophenol	ND	840	230	U
108-95-2	Phenol	ND	1000	160	U
95-48-7	2-Methylphenol	ND	1000	160	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	1500	160	U
95-95-4	2,4,5-Trichlorophenol	ND	1000	200	U
86-74-8	Carbazole	1600	1000	100	
1912-24-9	Atrazine	ND	840	360	U
100-52-7	Benzaldehyde	ND	1400	280	U
105-60-2	Caprolactam	ND	1000	320	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-09D	Date Collected	: 07/28/25 13:30
Client ID	: TP-109 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 08:24
Sample Matrix	: SOIL	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 47174-09	Analyst	: JG
Sample Amount	: 30.54 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1000	210	U
123-91-1	1,4-Dioxane	ND	160	48.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-10
 Sample Amount : 30.07 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:39
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	160	21.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	23.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	69.	U
85-68-7	Butyl benzyl phthalate	ND	200	51.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-10
 Sample Amount : 30.07 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:39
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	ND	120	23.	U
50-32-8	Benzo(a)pyrene	ND	160	49.	U
205-99-2	Benzo(b)fluoranthene	ND	120	34.	U
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	ND	120	21.	U
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	ND	120	39.	U
191-24-2	Benzo(ghi)perylene	ND	160	24.	U
86-73-7	Fluorene	ND	200	20.	U
85-01-8	Phenanthrene	28	120	24.	J
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	460	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	83.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-10
 Sample Amount : 30.07 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:39
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	76.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	960	94.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	96.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	ND	200	20.	U
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	61.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-10
 Sample Amount : 30.07 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:39
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-11
 Client ID : TP-113 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-11
 Sample Amount : 30.03 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:00
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:02
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 92
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	160	140	19.	
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	2500	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	520	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	180	180	22.	
98-95-3	Nitrobenzene	ND	160	27.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-11
 Client ID : TP-113 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-11
 Sample Amount : 30.03 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:00
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:02
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 92
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	61.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	1300	110	20.	
50-32-8	Benzo(a)pyrene	1200	140	44.	
205-99-2	Benzo(b)fluoranthene	1500	110	30.	
207-08-9	Benzo(k)fluoranthene	440	110	29.	
218-01-9	Chrysene	1300	110	19.	
208-96-8	Acenaphthylene	170	140	28.	
120-12-7	Anthracene	470	110	35.	
191-24-2	Benzo(ghi)perylene	730	140	21.	
86-73-7	Fluorene	170	180	18.	J
85-01-8	Phenanthrene	1900	110	22.	
53-70-3	Dibenzo(a,h)anthracene	150	110	21.	
193-39-5	Indeno(1,2,3-cd)pyrene	690	140	25.	
129-00-0	Pyrene	2300	110	18.	
92-52-4	Biphenyl	ND	410	23.	U
106-47-8	4-Chloroaniline	ND	180	33.	U
88-74-4	2-Nitroaniline	ND	180	35.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	75.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-11
 Client ID : TP-113 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-11
 Sample Amount : 30.03 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:00
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:02
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 92
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	110	180	17.	J
91-57-6	2-Methylnaphthalene	110	220	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	60.	U
88-75-5	2-Nitrophenol	ND	390	68.	U
100-02-7	4-Nitrophenol	ND	250	74.	U
51-28-5	2,4-Dinitrophenol	ND	870	84.	U
534-52-1	4,6-Dinitro-o-cresol	ND	470	87.	U
87-86-5	Pentachlorophenol	ND	140	40.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	250	180	18.	
1912-24-9	Atrazine	ND	140	63.	U
100-52-7	Benzaldehyde	ND	240	49.	U
105-60-2	Caprolactam	ND	180	55.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547174
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547174-11	Date Collected : 07/28/25 14:00
Client ID : TP-113 FILL	Date Received : 07/28/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/06/25 14:02
Sample Matrix : SOIL	Date Extracted : 08/05/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47174-11	Analyst : JG
Sample Amount : 30.03 g	Instrument ID : MORK
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 92
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	36.	U
123-91-1	1,4-Dioxane	ND	27	8.3	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-12
 Client ID : TP-113 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-12
 Sample Amount : 30.38 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:10
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:25
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	160	21.	U
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	54.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	35.	U
206-44-0	Fluoranthene	34	120	23.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	580	180	U
67-72-1	Hexachloroethane	ND	160	33.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	25.	U
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	70.	U
85-68-7	Butyl benzyl phthalate	ND	200	51.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-12
 Client ID : TP-113 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-12
 Sample Amount : 30.38 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:10
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:25
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	69.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	30	120	23.	J
50-32-8	Benzo(a)pyrene	ND	160	49.	U
205-99-2	Benzo(b)fluoranthene	ND	120	34.	U
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	24	120	21.	J
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	ND	120	39.	U
191-24-2	Benzo(ghi)perylene	ND	160	24.	U
86-73-7	Fluorene	ND	200	20.	U
85-01-8	Phenanthrene	ND	120	25.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	32	120	20.	J
92-52-4	Biphenyl	ND	460	26.	U
106-47-8	4-Chloroaniline	ND	200	37.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	84.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-12
 Client ID : TP-113 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47174-12
 Sample Amount : 30.38 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 14:10
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:25
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 81
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	67.	U
88-75-5	2-Nitrophenol	ND	440	76.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	970	94.	U
534-52-1	4,6-Dinitro-o-cresol	ND	530	97.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	39.	U
86-74-8	Carbazole	ND	200	20.	U
1912-24-9	Atrazine	ND	160	71.	U
100-52-7	Benzaldehyde	ND	270	55.	U
105-60-2	Caprolactam	ND	200	62.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-12	Date Collected	: 07/28/25 14:10
Client ID	: TP-113 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 14:25
Sample Matrix	: SOIL	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47174-12	Analyst	: JG
Sample Amount	: 30.38 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U
123-91-1	1,4-Dioxane	ND	30	9.3	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099011-1
 Client ID : WG2099011-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099011-1
 Sample Amount : 30.24 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 02:24
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	99	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	99	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099011-1
 Client ID : WG2099011-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099011-1
 Sample Amount : 30.24 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 02:24
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	99	19.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	99	28.	U
207-08-9	Benzo(k)fluoranthene	ND	99	26.	U
218-01-9	Chrysene	ND	99	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	99	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	99	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	99	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	99	16.	U
92-52-4	Biphenyl	ND	380	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099011-1
 Client ID : WG2099011-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099011-1
 Sample Amount : 30.24 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 02:24
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	99	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	790	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	79.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	45.	U
105-60-2	Caprolactam	ND	160	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099011-1
 Client ID : WG2099011-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099011-1
 Sample Amount : 30.24 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 02:24
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV109
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	25	7.6	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099432-1
 Client ID : WG2099432-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099434-1
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 08:28
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	99	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	99	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099432-1
 Client ID : WG2099432-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099434-1
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 08:28
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	99	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	99	28.	U
207-08-9	Benzo(k)fluoranthene	ND	99	26.	U
218-01-9	Chrysene	ND	99	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	99	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	99	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	99	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	99	16.	U
92-52-4	Biphenyl	ND	380	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099432-1
 Client ID : WG2099432-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099434-1
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 08:28
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	99	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	790	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	79.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099432-1
 Client ID : WG2099432-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099434-1
 Sample Amount : 30.28 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 08:28
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DV
 Instrument ID : JULIET
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	25	7.6	U



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : JULIET
 Lab File ID : ABN0806
 Sample No : WG2099586-3
 Channel :

Lab Number : L2547174
 Project Number : W96.013.001
 Calibration Date : 08/06/25 07:17
 Init. Calib. Date(s) : 06/14/25 06/15/25
 Init. Calib. Times : 13:05 01:41

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	96	0
n-Nitrosodimethylamine	0.546	0.497	-	9	20	87	0
Pyridine	0.975	0.984	-	-0.9	20	99	0
2-Fluorophenol	0.985	0.966	-	1.9	20	95	0
Aniline	1.622	1.547	-	4.6	20	95	0
2-Chlorophenol	1.264	1.226	-	3	20	97	0
Phenol-d6	1.265	1.197	-	5.4	20	95	0
Phenol	1.411	1.277	-	9.5	20	91	0
Bis(2-chloroethyl)ether	0.911	0.885	-	2.9	20	97	0
1,3-Dichlorobenzene	1.548	1.436	-	7.2	20	96	0
1,4-Dichlorobenzene	1.574	1.466	-	6.9	20	95	0
1,2-Dichlorobenzene	1.517	1.402	-	7.6	20	95	0
Benzyl alcohol	0.892	0.885	-	0.8	20	95	0
Bis(2-chloroisopropyl)ethe	1.331	1.231	-	7.5	20	93	0
2-Methylphenol	1.052	0.973	-	7.5	20	91	0
Hexachloroethane	0.495	0.489	-	1.2	20	99	0
n-Nitrosodi-n-propylamine	0.777	0.783	-	-0.8	20	102	0
3-Methylphenol/4-Methylphe	1.12	1.077	-	3.8	20	95	0
Nitrobenzene-d5	1.104	1.109	-	-0.5	20	96	0
Nitrobenzene	1.089	1.108	-	-1.7	20	100	0
Isophorone	2.147	2.175	-	-1.3	20	104	0
2-Nitrophenol	0.624	0.763	-	-22.3*	20	114	0
2,4-Dimethylphenol	1.254	1.214	-	3.2	20	95	0
Bis(2-chloroethoxy)methane	1.33	1.307	-	1.7	20	100	0
2,4-Dichlorophenol	1.424	1.415	-	0.6	20	98	0
1,2,4-Trichlorobenzene	1.727	1.598	-	7.5	20	95	0
IS1_Naphthalene-d8	1	1	-	0	20	103	0
Naphthalene	1.063	0.952	-	10.4	20	97	0
Benzoic Acid	50	53.309	-	-6.6	20	110	0
4-Chloroaniline	0.108	0.107	-	0.9	20	102	0
Hexachlorobutadiene	0.298	0.24	-	19.5	20	90	0
p-Chloro-m-cresol	0.294	0.273	-	7.1	20	97	0
2-Methylnaphthalene	0.719	0.629	-	12.5	20	97	0
1-Methylnaphthalene	0.227	0.21	-	7.5	20	98	0
Hexachlorocyclopentadiene	0.323	0.141	-	56.3*	20	44	0
2,4,6-Trichlorophenol	0.342	0.302	-	11.7	20	91	0
2,4,5-Trichlorophenol	0.371	0.336	-	9.4	20	103	0
2-Fluorobiphenyl	1.105	0.954	-	13.7	20	93	0
2-Chloronaphthalene	0.883	0.813	-	7.9	20	102	0
2-Nitroaniline	0.223	0.258	-	-15.7	20	112	0
1,4-Dinitrobenzene	0.104	0.131	-	-26*	20	118	0
1,3-Dinitrobenzene	0.124	0.145	-	-16.9	20	110	0
Dimethyl phthalate	1.098	1.004	-	8.6	20	100	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : JULIET
 Lab File ID : ABN0806
 Sample No : WG2099586-3
 Channel :

Lab Number : L2547174
 Project Number : W96.013.001
 Calibration Date : 08/06/25 07:17
 Init. Calib. Date(s) : 06/14/25 06/15/25
 Init. Calib. Times : 13:05 01:41

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.459	1.34	-	8.2	20	98	0
2,6-Dinitrotoluene	0.2	0.221	-	-10.5	20	109	0
1,2-Dinitrobenzene	0.08	0.086	-	-7.5	20	103	0
IS1_Acenaphthene-d10	1	1	-	0	20	105	0
3-Nitroaniline	0.302	0.327	-	-8.3	20	111	0
Acenaphthene	1.179	0.976	-	17.2	20	91	0
2,4-Dinitrophenol	50	65.471	-	-30.9*	20	149	0
Dibenzofuran	1.987	1.709	-	14	20	98	0
2,4-Dinitrotoluene	0.393	0.428	-	-8.9	20	108	0
4-Nitrophenol	0.189	0.191	-	-1.1	20	106	0
2,3,5,6-Tetrachlorophenol	0.472	0.405	-	14.2	20	92	0
2,3,4,6-Tetrachlorophenol	0.484	0.407	-	15.9	20	92	0
Diethyl phthalate	1.464	1.389	-	5.1	20	109	0
Fluorene	1.571	1.385	-	11.8	20	100	0
4-Chlorophenyl phenyl ethe	0.853	0.716	-	16.1	20	94	0
4-Nitroaniline	0.317	0.333	-	-5	20	108	0
4,6-Dinitro-o-cresol	50	68.222	-	-36.4*	20	151	0
NDPA/DPA	1.356	1.204	-	11.2	20	101	0
Azobenzene	1	0.934	-	6.6	20	102	0
2,4,6-Tribromophenol	0.254	0.254	-	0	20	110	0
4-Bromophenyl phenyl ether	0.539	0.471	-	12.6	20	102	0
Hexachlorobenzene	0.597	0.546	-	8.5	20	109	0
Pentachlorophenol	0.354	0.304	-	14.1	20	86	0
IS1_Phenanthrene-d10	1	1	-	0	20	111	0
Phenanthrene	1.151	0.967	-	16	20	101	0
Anthracene	1.169	0.989	-	15.4	20	100	0
Carbazole	1.1	0.927	-	15.7	20	103	0
Di-n-butylphthalate	1.153	1.096	-	4.9	20	110	0
Fluoranthene	1.561	1.355	-	13.2	20	103	0
Benzidine	0.982	0.762	-	22.4*	20	90	0
Pyrene	1.633	1.432	-	12.3	20	104	0
4-Terphenyl-d14	1.213	1.037	-	14.5	20	102	0
Butyl benzyl phthalate	0.523	0.541	-	-3.4	20	112	0
IS1_Chrysene-d12	1	1	-	0	20	111	0
Benzo(a)anthracene	1.536	1.303	-	15.2	20	100	0
3,3'-Dichlorobenzidine	0.566	0.515	-	9	20	104	0
Chrysene	1.37	1.16	-	15.3	20	101	0
Bis(2-ethylhexyl)phthalate	0.661	0.687	-	-3.9	20	111	0
Di-n-octylphthalate	1.154	1.275	-	-10.5	20	114	0
Benzo(b)fluoranthene	1.488	1.356	-	8.9	20	105	0
Benzo(k)fluoranthene	1.444	1.285	-	11	20	105	0
Benzo(a)pyrene	1.396	1.292	-	7.4	20	106	0
IS1_Perylene-d12	1	1	-	0	20	111	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : MORK
 Lab File ID : ABN0806
 Sample No : WG2099622-3
 Channel :

Lab Number : L2547174
 Project Number : W96.013.001
 Calibration Date : 08/06/25 07:17
 Init. Calib. Date(s) : 11/10/24 11/11/24
 Init. Calib. Times : 21:39 10:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	80	0
n-Nitrosodimethylamine	0.69	0.675	-	2.2	20	85	0
Pyridine	1.046	1.248	-	-19.3	20	105	0
2-Fluorophenol	1.064	1.166	-	-9.6	20	94	0
Aniline	1.74	1.765	-	-1.4	20	87	0
2-Chlorophenol	1.252	1.323	-	-5.7	20	90	0
Phenol-d6	1.388	1.413	-	-1.8	20	86	0
Phenol	1.596	1.452	-	9	20	78	0
Bis(2-chloroethyl)ether	1.057	0.976	-	7.7	20	78	0
1,3-Dichlorobenzene	1.515	1.48	-	2.3	20	84	0
1,4-Dichlorobenzene	1.562	1.48	-	5.2	20	82	0
1,2-Dichlorobenzene	1.504	1.431	-	4.9	20	83	0
Benzyl alcohol	1.045	0.926	-	11.4	20	74	0
Bis(2-chloroisopropyl)ethe	1.197	1.17	-	2.3	20	84	0
2-Methylphenol	1.1	1.067	-	3	20	82	0
Hexachloroethane	0.534	0.55	-	-3	20	88	0
n-Nitrosodi-n-propylamine	0.885	0.774	-	12.5	20	76	0
3-Methylphenol/4-Methylphe	1.183	1.134	-	4.1	20	81	0
Nitrobenzene-d5	1.237	1.168	-	5.6	20	79	0
Nitrobenzene	1.258	1.159	-	7.9	20	77	0
Isophorone	2.374	2.044	-	13.9	20	75	0
2-Nitrophenol	0.618	0.723	-	-17	20	92	0
2,4-Dimethylphenol	1.181	1.2	-	-1.6	20	88	0
Bis(2-chloroethoxy)methane	1.439	1.308	-	9.1	20	78	0
2,4-Dichlorophenol	1.254	1.157	-	7.7	20	78	0
1,2,4-Trichlorobenzene	1.48	1.283	-	13.3	20	76	0
IS1_Naphthalene-d8	1	1	-	0	20	82	0
Naphthalene	1.064	0.977	-	8.2	20	82	0
Benzoic Acid	0.235	0.22	-	6.4	20	74	0
4-Chloroaniline	0.121	0.103	-	14.9	20	76	0
Hexachlorobutadiene	0.284	0.21	-	26.1*	20	66	0
p-Chloro-m-cresol	0.306	0.286	-	6.5	20	81	0
2-Methylnaphthalene	0.729	0.58	-	20.4*	20	71	0
1-Methylnaphthalene	0.248	0.194	-	21.8*	20	69	0
Hexachlorocyclopentadiene	0.288	0.206	-	28.5*	20	60	0
2,4,6-Trichlorophenol	0.295	0.235	-	20.3*	20	70	0
2,4,5-Trichlorophenol	0.308	0.266	-	13.6	20	73	0
2-Fluorobiphenyl	0.948	0.783	-	17.4	20	73	0
2-Chloronaphthalene	0.787	0.686	-	12.8	20	78	0
2-Nitroaniline	0.217	0.227	-	-4.6	20	85	0
1,4-Dinitrobenzene	0.096	0.096	-	0	20	78	0
1,3-Dinitrobenzene	0.111	0.103	-	7.2	20	74	0
Dimethyl phthalate	0.94	0.788	-	16.2	20	76	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : MORK
 Lab File ID : ABN0806
 Sample No : WG2099622-3
 Channel :

Lab Number : L2547174
 Project Number : W96.013.001
 Calibration Date : 08/06/25 07:17
 Init. Calib. Date(s) : 11/10/24 11/11/24
 Init. Calib. Times : 21:39 10:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.21	1.121	-	7.4	20	83	0
2,6-Dinitrotoluene	0.188	0.167	-	11.2	20	74	0
1,2-Dinitrobenzene	0.07	0.061	-	12.9	20	71	0
IS1_Acenaphthene-d10	1	1	-	0	20	75	0
3-Nitroaniline	0.313	0.345	-	-10.2	20	82	0
Acenaphthene	1.112	1.051	-	5.5	20	76	0
2,4-Dinitrophenol	0.168	0.168	-	0	20	71	0
Dibenzofuran	1.834	1.7	-	7.3	20	74	0
2,4-Dinitrotoluene	0.406	0.42	-	-3.4	20	78	0
4-Nitrophenol	0.217	0.153	-	29.5*	20	53	0
2,3,5,6-Tetrachlorophenol	0.461	0.312	-	32.3*	20	52	0
2,3,4,6-Tetrachlorophenol	0.447	0.369	-	17.4	20	64	0
Diethyl phthalate	1.467	1.395	-	4.9	20	77	0
Fluorene	1.465	1.337	-	8.7	20	73	0
4-Chlorophenyl phenyl ethe	0.76	0.616	-	18.9	20	66	0
4-Nitroaniline	0.322	0.336	-	-4.3	20	78	0
4,6-Dinitro-o-cresol	0.221	0.243	-	-10	20	75	0
NDPA/DPA	1.234	1.119	-	9.3	20	74	0
Azobenzene	1.225	1.091	-	10.9	20	71	0
2,4,6-Tribromophenol	0.287	0.265	-	7.7	20	70	0
4-Bromophenyl phenyl ether	0.541	0.454	-	16.1	20	69	0
Hexachlorobenzene	0.637	0.554	-	13	20	71	0
Pentachlorophenol	0.399	0.163	-	59.1*	20	30	0
IS1_Phenanthrene-d10	1	1	-	0	20	73	0
Phenanthrene	1.106	1.033	-	6.6	20	74	0
Anthracene	1.108	1.067	-	3.7	20	74	0
Carbazole	1.016	0.998	-	1.8	20	77	0
Di-n-butylphthalate	1.165	1.272	-	-9.2	20	82	0
Fluoranthene	1.381	1.271	-	8	20	72	0
Benzidine	0.796	0.842	-	-5.8	20	79	0
Pyrene	1.441	1.307	-	9.3	20	71	0
4-Terphenyl-d14	1.119	1.001	-	10.5	20	71	0
Butyl benzyl phthalate	0.478	0.609	-	-27.4*	20	87	0
IS1_Chrysene-d12	1	1	-	0	20	68	0
Benzo(a)anthracene	1.344	1.247	-	7.2	20	69	0
3,3'-Dichlorobenzidine	0.495	0.503	-	-1.6	20	71	0
Chrysene	1.249	1.109	-	11.2	20	67	0
Bis(2-ethylhexyl)phthalate	0.636	0.81	-	-27.4*	20	85	0
Di-n-octylphthalate	1.08	1.429	-	-32.3*	20	85	0
Benzo(b)fluoranthene	1.382	1.384	-	-0.1	20	75	0
Benzo(k)fluoranthene	1.303	1.183	-	9.2	20	64	0
Benzo(a)pyrene	1.251	1.287	-	-2.9	20	75	0
IS1_Perylene-d12	1	1	-	0	20	70	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV109
 Lab File ID : ABN0808
 Sample No : WG2100907-3
 Channel :

Lab Number : L2547174
 Project Number : W96.013.001
 Calibration Date : 08/09/25 00:37
 Init. Calib. Date(s) : 06/05/25 06/06/25
 Init. Calib. Times : 18:55 12:49

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
n-Nitrosodimethylamine	0.724	0.646	-	10.8	20	73	0
Pyridine	1.267	1.213	-	4.3	20	78	0
2-Fluorophenol	1.182	1.082	-	8.5	20	72	0
Aniline	1.975	1.725	-	12.7	20	69	0
2-Chlorophenol	1.378	1.244	-	9.7	20	71	0
Phenol-d6	1.465	1.334	-	8.9	20	72	0
Phenol	1.554	1.392	-	10.4	20	71	0
Bis(2-chloroethyl)ether	1.225	1.053	-	14	20	70	0
1,3-Dichlorobenzene	1.592	1.431	-	10.1	20	73	0
1,4-Dichlorobenzene	1.62	1.453	-	10.3	20	73	0
1,2-Dichlorobenzene	1.567	1.378	-	12.1	20	73	0
Benzyl alcohol	1.039	0.96	-	7.6	20	71	0
Bis(2-chloroisopropyl)ethe	1.618	1.261	-	22.1*	20	62	0
2-Methylphenol	1.171	1.056	-	9.8	20	71	0
Hexachloroethane	0.572	0.536	-	6.3	20	74	0
n-Nitrosodi-n-propylamine	0.947	0.807	-	14.8	20	68	0
3-Methylphenol/4-Methylphe	1.257	1.128	-	10.3	20	70	0
Nitrobenzene-d5	1.352	1.218	-	9.9	20	70	0
Nitrobenzene	1.355	1.194	-	11.9	20	68	0
Isophorone	2.601	2.203	-	15.3	20	67	0
2-Nitrophenol	0.666	0.694	-	-4.2	20	77	0
2,4-Dimethylphenol	1.384	1.226	-	11.4	20	69	0
Bis(2-chloroethoxy)methane	1.626	1.363	-	16.2	20	67	0
2,4-Dichlorophenol	1.227	1.184	-	3.5	20	74	0
1,2,4-Trichlorobenzene	1.409	1.267	-	10.1	20	73	0
IS1_Naphthalene-d8	1	1	-	0	20	76	0
Naphthalene	1.074	0.924	-	14	20	68	0
Benzoic Acid	0.246	0.259	-	-5.3	20	80	0
4-Chloroaniline	0.13	0.111	-	14.6	20	66	0
Hexachlorobutadiene	0.21	0.204	-	2.9	20	76	0
p-Chloro-m-cresol	0.306	0.282	-	7.8	20	68	0
2-Methylnaphthalene	0.664	0.587	-	11.6	20	70	0
1-Methylnaphthalene	0.233	0.207	-	11.2	20	70	0
Hexachlorocyclopentadiene	0.252	0.237	-	6	20	67	0
2,4,6-Trichlorophenol	0.234	0.241	-	-3	20	72	0
2,4,5-Trichlorophenol	0.26	0.255	-	1.9	20	76	0
2-Fluorobiphenyl	0.865	0.772	-	10.8	20	71	0
2-Chloronaphthalene	0.738	0.655	-	11.2	20	70	0
2-Nitroaniline	0.222	0.215	-	3.2	20	70	0
1,4-Dinitrobenzene	0.105	0.11	-	-4.8	20	74	0
1,3-Dinitrobenzene	0.119	0.119	-	0	20	70	0
Dimethyl phthalate	0.9	0.78	-	13.3	20	68	0

* Value outside of QC limits.



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-03	Date Collected	: 07/28/25 11:05
Client ID	: TP-103 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 20:43
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250808a-28	Analyst	: EJL
Sample Amount	: 30.18 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	227	6.03	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-04	Date Collected	: 07/28/25 11:10
Client ID	: TP-103 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 21:02
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250808a-29	Analyst	: EJL
Sample Amount	: 30.3 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	200	5.31	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-07	Date Collected	: 07/28/25 10:20
Client ID	: TP-106 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 21:21
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250808a-30	Analyst	: EJL
Sample Amount	: 30.5 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	195	5.19	U

Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-08	Date Collected	: 07/28/25 10:30
Client ID	: TP-106 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 14:10
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250809a-10	Analyst	: EJL
Sample Amount	: 30.68 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	184	4.88	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-09	Date Collected	: 07/28/25 13:30
Client ID	: TP-109 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 14:30
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250809a-11	Analyst	: EJJ
Sample Amount	: 30.4 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	210	5.58	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-10	Date Collected	: 07/28/25 13:35
Client ID	: TP-109 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 15:08
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250809a-13	Analyst	: EJJ
Sample Amount	: 30.3 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	199	5.30	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2099807-1
Client ID : WG2099807-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,8151A
Lab File ID : 17250807a-27
Sample Amount : 30.86 g
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2547174
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/07/25 15:07
Date Extracted : 08/06/25
Dilution Factor : 1
Analyst : AKM
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : NA
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	162	4.31	U

Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-03
 Client ID : TP-103 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250806a-13
 Sample Amount : 10.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:05
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:00
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	65.4	5.81	U
11104-28-2	Aroclor 1221	ND	65.4	6.56	U
11141-16-5	Aroclor 1232	ND	65.4	13.9	U
53469-21-9	Aroclor 1242	ND	65.4	8.82	U
12672-29-6	Aroclor 1248	ND	65.4	9.82	U
11097-69-1	Aroclor 1254	ND	65.4	7.16	U
11096-82-5	Aroclor 1260	ND	65.4	12.1	U
37324-23-5	Aroclor 1262	ND	65.4	8.31	U
11100-14-4	Aroclor 1268	ND	65.4	6.78	U
1336-36-3	PCBs, Total	ND	65.4	5.81	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-04
 Client ID : TP-103 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250806a-14
 Sample Amount : 10.43 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:10
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:12
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	58.0	5.15	U
11104-28-2	Aroclor 1221	ND	58.0	5.81	U
11141-16-5	Aroclor 1232	ND	58.0	12.3	U
53469-21-9	Aroclor 1242	ND	58.0	7.81	U
12672-29-6	Aroclor 1248	ND	58.0	8.70	U
11097-69-1	Aroclor 1254	ND	58.0	6.34	U
11096-82-5	Aroclor 1260	ND	58.0	10.7	U
37324-23-5	Aroclor 1262	ND	58.0	7.36	U
11100-14-4	Aroclor 1268	ND	58.0	6.00	U
1336-36-3	PCBs, Total	ND	58.0	5.15	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250806a-18
 Sample Amount : 10.44 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 13:58
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	57.0	5.06	U
11104-28-2	Aroclor 1221	ND	57.0	5.71	U
11141-16-5	Aroclor 1232	ND	57.0	12.1	U
53469-21-9	Aroclor 1242	ND	57.0	7.68	U
12672-29-6	Aroclor 1248	ND	57.0	8.55	U
11097-69-1	Aroclor 1254	ND	57.0	6.24	U
11096-82-5	Aroclor 1260	ND	57.0	10.5	U
37324-23-5	Aroclor 1262	ND	57.0	7.24	U
11100-14-4	Aroclor 1268	ND	57.0	5.91	U
1336-36-3	PCBs, Total	ND	57.0	5.06	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250806a-19
 Sample Amount : 10.53 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:09
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	53.5	4.75	U
11104-28-2	Aroclor 1221	ND	53.5	5.36	U
11141-16-5	Aroclor 1232	ND	53.5	11.3	U
53469-21-9	Aroclor 1242	ND	53.5	7.21	U
12672-29-6	Aroclor 1248	ND	53.5	8.02	U
11097-69-1	Aroclor 1254	ND	53.5	5.85	U
11096-82-5	Aroclor 1260	ND	53.5	9.88	U
37324-23-5	Aroclor 1262	ND	53.5	6.79	U
11100-14-4	Aroclor 1268	ND	53.5	5.54	U
1336-36-3	PCBs, Total	ND	53.5	4.75	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-09
 Client ID : TP-109 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250806a-20
 Sample Amount : 10.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:30
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:21
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	60.8	5.40	U
11104-28-2	Aroclor 1221	ND	60.8	6.10	U
11141-16-5	Aroclor 1232	ND	60.8	12.9	U
53469-21-9	Aroclor 1242	ND	60.8	8.20	U
12672-29-6	Aroclor 1248	ND	60.8	9.13	U
11097-69-1	Aroclor 1254	ND	60.8	6.66	U
11096-82-5	Aroclor 1260	ND	60.8	11.2	U
37324-23-5	Aroclor 1262	ND	60.8	7.73	U
11100-14-4	Aroclor 1268	ND	60.8	6.30	U
1336-36-3	PCBs, Total	ND	60.8	5.40	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : P7250806a-21
 Sample Amount : 10.86 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/06/25 14:32
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST7
 GC Column : CLP-Pesticide
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	55.6	4.94	U
11104-28-2	Aroclor 1221	ND	55.6	5.57	U
11141-16-5	Aroclor 1232	ND	55.6	11.8	U
53469-21-9	Aroclor 1242	ND	55.6	7.50	U
12672-29-6	Aroclor 1248	ND	55.6	8.34	U
11097-69-1	Aroclor 1254	ND	55.6	6.08	U
11096-82-5	Aroclor 1260	ND	55.6	10.3	U
37324-23-5	Aroclor 1262	ND	55.6	7.06	U
11100-14-4	Aroclor 1268	ND	55.6	5.76	U
1336-36-3	PCBs, Total	ND	55.6	4.94	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099088-1
 Client ID : WG2099088-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 24250805b-48
 Sample Amount : 10.56 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 03:48
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : AD
 Instrument ID : PEST24
 GC Column : CLP-Pesticide
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	47.3	4.20	U
11104-28-2	Aroclor 1221	ND	47.3	4.74	U
11141-16-5	Aroclor 1232	ND	47.3	10.0	U
53469-21-9	Aroclor 1242	ND	47.3	6.38	U
12672-29-6	Aroclor 1248	ND	47.3	7.10	U
11097-69-1	Aroclor 1254	ND	47.3	5.18	U
11096-82-5	Aroclor 1260	ND	47.3	8.75	U
37324-23-5	Aroclor 1262	ND	47.3	6.01	U
11100-14-4	Aroclor 1268	ND	47.3	4.90	U
1336-36-3	PCBs, Total	ND	47.3	4.20	U



Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest24\2025\24250211i\
 Data File : 24250211i-42.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2025 21:58
 Operator : pest24:mhg
 Sample : cicv1660,42e,,pp 11880 L2500ICV
 Misc : WG2029593,,ICAL21568
 ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Feb 12 16:38:24 2025
 Quant Method : I:\PCB\Pest24\2025\24250211i\P24_PCB_02_11_25_ICAL.m
 Quant Title : pcb
 QLast Update : Wed Feb 12 16:37:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase:
 Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
7 l1	1016-4		0.037	0.038	-2.7	95	0.00
8 l1	1016-5		0.028	0.029	-3.6	97	0.00
9 l2	1260-1		0.058	0.058	0.0	92	0.00
10 l2	1260-2		0.067	0.069	-3.0	95	0.00
11 l2	1260-3		0.050	0.057	-14.0	105	0.00
12 l2	1260-4		0.102	0.123	-20.6#	110	0.00
13 l2	1260-5		0.073	0.084	-15.1	105	0.00
14 i	2154_1br2nb	^	1.000	1.000	0.0	96	-0.02
23 i	4268_1br2nb	^	1.000	1.000	0.0	97	-0.01
34 i	1248_1br2nb	^	1.000	1.000	0.0	103	0.00
40 i	3262_1br2nb	^	1.000	1.000	0.0	97	-0.02

Evaluate Continuing Calibration Report - Not Found

15 l3	1221-1		0.012	0.000	100.0#	0#	-1.55#
16 l3	1221-2		0.00656	0.00000	100.0#	0#	-1.61#
17 l3	1221-3		0.029	0.000	100.0#	0#	-1.63#
18 l4	1254-1		0.038	0.000	100.0#	0#	-2.36#
19 l4	1254-2		0.070	0.000	100.0#	0#	-2.48#
20 l4	1254-3		0.076	0.000	100.0#	0#	-2.66#
21 l4	1254-4		0.055	0.000	100.0#	0#	-2.79#
22 l4	1254-5		0.070	0.000	100.0#	0#	-3.02#
24 l6	1242-1		0.018	0.000	100.0#	0#	-1.63#
25 l6	1242-2		0.039	0.000	100.0#	0#	-1.78#
26 l6	1242-3		0.076	0.000	100.0#	0#	-1.97#
27 l6	1242-4		0.031	0.000	100.0#	0#	-2.02#
28 l6	1242-5		0.033	0.000	100.0#	0#	-2.20#

Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-03
 Client ID : TP-103 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-10
 Sample Amount : 15.24 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:05
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 11:58
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 73
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	2.15	0.422	U
58-89-9	Lindane	ND	0.898	0.401	U
319-84-6	Alpha-BHC	ND	0.898	0.255	U
319-85-7	Beta-BHC	ND	2.15	0.817	U
76-44-8	Heptachlor	ND	1.08	0.483	U
309-00-2	Aldrin	ND	2.15	0.758	U
72-20-8	Endrin	ND	0.898	0.368	U
60-57-1	Dieldrin	ND	1.35	0.673	U
72-55-9	4,4'-DDE	ND	2.15	0.498	UIP
72-54-8	4,4'-DDD	ND	2.15	0.768	U
959-98-8	Endosulfan I	ND	2.15	0.509	U
33213-65-9	Endosulfan II	ND	2.15	0.720	U
1031-07-8	Endosulfan sulfate	ND	0.898	0.427	U
5103-71-9	cis-Chlordane	ND	2.69	0.750	U



Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-03	Date Collected	: 07/28/25 11:05
Client ID	: TP-103 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 11:58
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11250809a-10	Analyst	: DLP
Sample Amount	: 15.24 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
50-29-3	4,4'-DDT	ND	2.15	1.73	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-04
 Client ID : TP-103 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-11
 Sample Amount : 15.67 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:10
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 12:09
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.85	0.363	U
58-89-9	Lindane	ND	0.772	0.345	U
319-84-6	Alpha-BHC	ND	0.772	0.219	U
319-85-7	Beta-BHC	ND	1.85	0.702	U
76-44-8	Heptachlor	ND	0.926	0.415	U
309-00-2	Aldrin	ND	1.85	0.652	U
72-20-8	Endrin	ND	0.772	0.316	U
60-57-1	Dieldrin	ND	1.16	0.579	U
72-55-9	4,4'-DDE	ND	1.85	0.428	U
72-54-8	4,4'-DDD	ND	1.85	0.660	U
50-29-3	4,4'-DDT	ND	1.85	1.49	U
959-98-8	Endosulfan I	ND	1.85	0.438	U
33213-65-9	Endosulfan II	ND	1.85	0.619	U
1031-07-8	Endosulfan sulfate	ND	0.772	0.367	U
5103-71-9	cis-Chlordane	ND	2.31	0.645	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-12
 Sample Amount : 15.17 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 12:21
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.88	0.369	U
58-89-9	Lindane	ND	0.785	0.351	U
319-84-6	Alpha-BHC	ND	0.785	0.223	U
319-85-7	Beta-BHC	ND	1.88	0.714	U
76-44-8	Heptachlor	ND	0.942	0.422	U
309-00-2	Aldrin	ND	1.88	0.663	U
72-20-8	Endrin	ND	0.785	0.322	U
60-57-1	Dieldrin	ND	1.18	0.588	U
72-55-9	4,4'-DDE	1.00	1.88	0.436	J
72-54-8	4,4'-DDD	ND	1.88	0.672	UIP
50-29-3	4,4'-DDT	ND	1.88	1.51	U
959-98-8	Endosulfan I	ND	1.88	0.445	U
33213-65-9	Endosulfan II	ND	1.88	0.629	U
1031-07-8	Endosulfan sulfate	ND	0.785	0.374	U
5103-71-9	cis-Chlordane	ND	2.35	0.656	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-13
 Sample Amount : 15.26 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 12:33
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.77	0.347	U
58-89-9	Lindane	ND	0.738	0.330	U
319-84-6	Alpha-BHC	ND	0.738	0.210	U
319-85-7	Beta-BHC	ND	1.77	0.672	U
76-44-8	Heptachlor	ND	0.886	0.397	U
309-00-2	Aldrin	ND	1.77	0.624	U
72-20-8	Endrin	ND	0.738	0.302	U
60-57-1	Dieldrin	ND	1.11	0.553	U
72-55-9	4,4'-DDE	ND	1.77	0.410	U
72-54-8	4,4'-DDD	ND	1.77	0.632	U
50-29-3	4,4'-DDT	ND	1.77	1.42	U
959-98-8	Endosulfan I	ND	1.77	0.418	U
33213-65-9	Endosulfan II	ND	1.77	0.592	U
1031-07-8	Endosulfan sulfate	ND	0.738	0.351	U
5103-71-9	cis-Chlordane	ND	2.21	0.617	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-09
 Client ID : TP-109 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-14
 Sample Amount : 15.79 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:30
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 12:45
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.94	0.380	U
58-89-9	Lindane	ND	0.808	0.361	U
319-84-6	Alpha-BHC	ND	0.808	0.229	U
319-85-7	Beta-BHC	ND	1.94	0.735	U
76-44-8	Heptachlor	0.591	0.969	0.434	J
309-00-2	Aldrin	ND	1.94	0.682	U
72-20-8	Endrin	ND	0.808	0.331	U
60-57-1	Dieldrin	ND	1.21	0.606	U
72-55-9	4,4'-DDE	1.02	1.94	0.448	JIP
72-54-8	4,4'-DDD	ND	1.94	0.691	U
959-98-8	Endosulfan I	ND	1.94	0.458	U
33213-65-9	Endosulfan II	ND	1.94	0.648	U
1031-07-8	Endosulfan sulfate	ND	0.808	0.384	U
5103-71-9	cis-Chlordane	0.736	2.42	0.675	JIP



Results Summary

Form 1

Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-09	Date Collected	: 07/28/25 13:30
Client ID	: TP-109 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 12:45
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 11250809a-14	Analyst	: DLP
Sample Amount	: 15.79 g	Instrument ID	: PEST11
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
50-29-3	4,4'-DDT	1.61	1.94	1.56	J



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-15
 Sample Amount : 15.33 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/09/25 12:56
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.89	0.370	U
58-89-9	Lindane	ND	0.788	0.352	U
319-84-6	Alpha-BHC	ND	0.788	0.224	U
319-85-7	Beta-BHC	ND	1.89	0.717	U
76-44-8	Heptachlor	ND	0.945	0.424	U
309-00-2	Aldrin	ND	1.89	0.666	U
72-20-8	Endrin	ND	0.788	0.323	U
60-57-1	Dieldrin	ND	1.18	0.591	U
72-55-9	4,4'-DDE	ND	1.89	0.437	U
72-54-8	4,4'-DDD	ND	1.89	0.674	U
50-29-3	4,4'-DDT	ND	1.89	1.52	U
959-98-8	Endosulfan I	ND	1.89	0.447	U
33213-65-9	Endosulfan II	ND	1.89	0.632	U
1031-07-8	Endosulfan sulfate	ND	0.788	0.375	U
5103-71-9	cis-Chlordane	ND	2.36	0.659	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099755-1
 Client ID : WG2099755-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-07
 Sample Amount : 15.65 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/09/25 11:23
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.53	0.300	U
58-89-9	Lindane	ND	0.639	0.286	U
319-84-6	Alpha-BHC	ND	0.639	0.181	U
319-85-7	Beta-BHC	ND	1.53	0.581	U
76-44-8	Heptachlor	ND	0.767	0.344	U
309-00-2	Aldrin	ND	1.53	0.540	U
72-20-8	Endrin	ND	0.639	0.262	U
60-57-1	Dieldrin	ND	0.958	0.479	U
72-55-9	4,4'-DDE	ND	1.53	0.355	U
72-54-8	4,4'-DDD	ND	1.53	0.547	U
50-29-3	4,4'-DDT	ND	1.53	1.23	U
959-98-8	Endosulfan I	ND	1.53	0.362	U
33213-65-9	Endosulfan II	ND	1.53	0.512	U
1031-07-8	Endosulfan sulfate	ND	0.639	0.304	U
5103-71-9	cis-Chlordane	ND	1.92	0.534	U



Identification Summary

Form 10

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2547174-09
 Client ID : TP-109 FILL
 Date Analyzed (1) : 08/09/25 12:45
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2547174
 Project Number : W96.013.001
 Date Analyzed (2) : 08/09/25 12:45
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
Heptachlor	1	3.52	3.47	3.57	0.591J	
	2	4.05	4.00	4.10	0.504J	NC
4,4'-DDE	1	4.85	4.80	4.90	1.02J	
	2	5.56	5.50	5.60	2.34	NC
4,4'-DDT	1	5.72	5.67	5.77	ND	
	2	6.38	6.32	6.42	1.61J	NC
alpha-Chlordane (cis	1	4.78	4.72	4.82	0.736J	
	2	5.41	5.36	5.46	1.18J	NC

Surrogate Recovery Summary

Form 2

Semivolatiles

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2547174
Project Number: W96.013.001
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
TP-103 FILL (L2547174-03)	93	86	77	90	86	94	100
TP-103 NATIVE (L2547174-04)	91	85	83	99	92	86	85
TP-106 FILL (L2547174-07)	84	85	87	85	81	94	105
TP-106 NATIVE (L2547174-08)	103	88	91	88	103	91	81
TP-109 FILL (L2547174-09)	88	134	92	91	92	181	158*
TP-109 NATIVE (L2547174-10)	90	91	87	94	92	86	91
WG2101761-1BLANK	100	94	98	105	102	93	102
WG2101761-2LCS	92	88	87	100	86	87	92
WG2101761-3LCS	88	93	84	90	88	91	95

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)



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-03
 Client ID : TP-103 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_41
 Sample Amount : 6.84 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:05
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:25
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 73
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.049	0.800	0.028	J
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)	0.054	0.200	0.026	J
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)	0.060	0.200	0.031	J
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-03
 Client ID : TP-103 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_41
 Sample Amount : 6.84 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:05
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:25
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 73
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-03
 Client ID : TP-103 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_41
 Sample Amount : 6.84 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:05
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:25
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 73
 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



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-04
 Client ID : TP-103 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_42
 Sample Amount : 6.05 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:10
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:34
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	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	0.799	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)	ND	0.200	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	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	0.799	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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-04
 Client ID : TP-103 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_42
 Sample Amount : 6.05 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:10
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:34
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 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	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	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	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-04
 Client ID : TP-103 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_42
 Sample Amount : 6.05 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 11:10
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:34
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 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	0.999	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	0.365	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_43
 Sample Amount : 5.96 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:43
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.063	0.799	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	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	0.799	0.078	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.031	0.200	0.015	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.029	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.045	0.200	0.020	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.113	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.037	0.200	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.327	0.200	0.031	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_43
 Sample Amount : 5.96 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:43
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 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	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	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	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	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	0.121	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-07
 Client ID : TP-106 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_43
 Sample Amount : 5.96 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:20
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:43
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 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	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.999	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_44
 Sample Amount : 5.64 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:52
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	0.028	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	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	0.799	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)	ND	0.200	0.026	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	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)	0.034	0.200	0.031	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.035	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	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	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.013	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_44
 Sample Amount : 5.64 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:52
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 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	0.799	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	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	0.799	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	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	0.121	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-08
 Client ID : TP-106 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_44
 Sample Amount : 5.64 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 10:30
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 10:52
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 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	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-09
 Client ID : TP-109 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_45
 Sample Amount : 6.39 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:30
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 11:01
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.089	0.798	0.028	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.399	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	0.798	0.077	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.041	0.200	0.015	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.026	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.049	0.200	0.012	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.051	0.200	0.020	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.162	0.200	0.026	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.798	0.148	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.045	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.082	0.200	0.013	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.457	0.200	0.031	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.035	0.200	0.035	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.798	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	0.085	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.030	0.200	0.013	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-09
 Client ID : TP-109 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_45
 Sample Amount : 6.39 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:30
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 11:01
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 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	0.798	0.038	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.798	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	0.798	0.030	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.798	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	0.121	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-09
 Client ID : TP-109 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_45
 Sample Amount : 6.39 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:30
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 11:01
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.081	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.399	0.017	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.399	0.024	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.399	0.046	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.399	0.082	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.998	0.092	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	0.236	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	0.365	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_46
 Sample Amount : 6.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 11:10
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 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)	ND	0.200	0.026	U
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_46
 Sample Amount : 6.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 11:10
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547174-10
 Client ID : TP-109 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_46
 Sample Amount : 6.04 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : 07/28/25 13:35
 Date Received : 07/28/25
 Date Analyzed : 08/13/25 11:10
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 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



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101761-1
 Client ID : WG2101761-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_38
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 09:59
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 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)	ND	0.200	0.026	U
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101761-1
 Client ID : WG2101761-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_38
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 09:59
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101761-1
 Client ID : WG2101761-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250813_38
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 09:59
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 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



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-01	Date Collected	: 07/28/25 11:40
Client ID	: TP-102 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 14:14
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.31g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	2680	8.60	2.79	
7440-36-0	Antimony, Total	ND	4.30	3.31	U
7440-38-2	Arsenic, Total	12.6	0.860	0.371	
7440-39-3	Barium, Total	29.6	0.860	0.091	
7440-41-7	Beryllium, Total	0.169	0.430	0.047	J
7440-43-9	Cadmium, Total	ND	0.860	0.047	U
7440-47-3	Chromium, Total	5.38	0.860	0.729	
7440-48-4	Cobalt, Total	4.01	1.72	0.213	
7440-50-8	Copper, Total	40.1	0.860	0.195	
7439-89-6	Iron, Total	6710	4.30	0.903	
7439-92-1	Lead, Total	44.6	4.30	0.204	
7439-95-4	Magnesium, Total	11300	8.60	1.40	
7439-96-5	Manganese, Total	215	0.860	0.461	
7440-02-0	Nickel, Total	8.20	2.15	0.694	
7440-09-7	Potassium, Total	384	215	43.6	
7782-49-2	Selenium, Total	ND	1.72	0.283	U
7440-22-4	Silver, Total	ND	0.430	0.256	U
7440-23-5	Sodium, Total	ND	172	91.1	U
7440-28-0	Thallium, Total	ND	1.72	0.775	U
7440-62-2	Vanadium, Total	10.5	0.860	0.130	
7440-66-6	Zinc, Total	30.4	4.30	0.521	



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-01	Date Collected	: 07/28/25 11:40
Client ID	: TP-102 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 16:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.31g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7440-70-2	Calcium, Total	12300	8.60	4.87	

Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-02	Date Collected	: 07/28/25 11:50
Client ID	: TP-102 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:46
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.251g	%Solids	: 77
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	2460	52.2	17.0	
7440-36-0	Antimony, Total	ND	26.1	20.1	U
7440-38-2	Arsenic, Total	3.14	5.22	2.26	J
7440-39-3	Barium, Total	70.1	5.22	0.554	
7440-41-7	Beryllium, Total	ND	2.61	0.287	U
7440-43-9	Cadmium, Total	ND	5.22	0.287	U
7440-70-2	Calcium, Total	194000	52.2	29.6	
7440-47-3	Chromium, Total	4.97	5.22	4.43	J
7440-48-4	Cobalt, Total	2.06	10.4	1.30	J
7440-50-8	Copper, Total	2.80	5.22	1.18	J
7439-89-6	Iron, Total	8790	26.1	5.48	
7439-92-1	Lead, Total	17.5	26.1	1.24	J
7439-95-4	Magnesium, Total	6840	52.2	8.52	
7439-96-5	Manganese, Total	1130	5.22	2.80	
7440-02-0	Nickel, Total	6.86	13.1	4.22	J
7440-09-7	Potassium, Total	615	1310	265.	J
7782-49-2	Selenium, Total	ND	10.4	1.72	U
7440-22-4	Silver, Total	ND	2.61	1.56	U
7440-23-5	Sodium, Total	ND	1040	554.	U
7440-28-0	Thallium, Total	ND	10.4	4.71	U
7440-62-2	Vanadium, Total	6.42	5.22	0.789	
7440-66-6	Zinc, Total	9.40	26.1	3.17	J



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-03	Date Collected	: 07/28/25 11:05
Client ID	: TP-103 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 14:58
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.292g	%Solids	: 73
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	7500	10.6	3.44	
7440-36-0	Antimony, Total	ND	5.29	4.08	U
7440-38-2	Arsenic, Total	42.4	1.06	0.457	
7440-39-3	Barium, Total	104	1.06	0.112	
7440-41-7	Beryllium, Total	0.463	0.529	0.058	J
7440-43-9	Cadmium, Total	0.068	1.06	0.058	J
7440-70-2	Calcium, Total	30600	10.6	6.00	
7440-47-3	Chromium, Total	12.4	1.06	0.898	
7440-48-4	Cobalt, Total	7.24	2.12	0.262	
7440-50-8	Copper, Total	14.3	1.06	0.240	
7439-89-6	Iron, Total	19900	5.29	1.11	
7439-92-1	Lead, Total	67.1	5.29	0.252	
7439-95-4	Magnesium, Total	8290	10.6	1.72	
7439-96-5	Manganese, Total	468	1.06	0.568	
7440-02-0	Nickel, Total	14.4	2.65	0.856	
7440-09-7	Potassium, Total	856	265	53.7	
7782-49-2	Selenium, Total	0.547	2.12	0.348	J
7440-22-4	Silver, Total	ND	0.529	0.316	U
7440-23-5	Sodium, Total	ND	212	112.	U
7440-28-0	Thallium, Total	ND	2.12	0.955	U
7440-62-2	Vanadium, Total	20.0	1.06	0.160	
7440-66-6	Zinc, Total	67.6	5.29	0.642	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-04	Date Collected	: 07/28/25 11:10
Client ID	: TP-103 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:01
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.274g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	6180	9.49	3.08	
7440-36-0	Antimony, Total	ND	4.74	3.65	U
7440-38-2	Arsenic, Total	4.16	0.949	0.410	
7440-39-3	Barium, Total	69.7	0.949	0.101	
7440-41-7	Beryllium, Total	0.358	0.474	0.052	J
7440-43-9	Cadmium, Total	ND	0.949	0.052	U
7440-70-2	Calcium, Total	19500	9.49	5.38	
7440-47-3	Chromium, Total	10.6	0.949	0.805	
7440-48-4	Cobalt, Total	6.09	1.90	0.235	
7440-50-8	Copper, Total	1.01	0.949	0.215	
7439-89-6	Iron, Total	17000	4.74	0.996	
7439-92-1	Lead, Total	2.66	4.74	0.226	J
7439-95-4	Magnesium, Total	6460	9.49	1.55	
7439-96-5	Manganese, Total	335	0.949	0.509	
7440-02-0	Nickel, Total	23.2	2.37	0.767	
7440-09-7	Potassium, Total	1240	237	48.1	
7782-49-2	Selenium, Total	ND	1.90	0.312	U
7440-22-4	Silver, Total	ND	0.474	0.283	U
7440-23-5	Sodium, Total	ND	190	101.	U
7440-28-0	Thallium, Total	ND	1.90	0.856	U
7440-62-2	Vanadium, Total	12.8	0.949	0.143	
7440-66-6	Zinc, Total	18.9	4.74	0.575	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-05	Date Collected	: 07/28/25 12:00
Client ID	: TP-104 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:05
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.318g	%Solids	: 76
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	2760	9.93	3.23	
7440-36-0	Antimony, Total	ND	4.96	3.82	U
7440-38-2	Arsenic, Total	9.80	0.993	0.429	
7440-39-3	Barium, Total	92.3	0.993	0.105	
7440-41-7	Beryllium, Total	0.474	0.496	0.055	J
7440-43-9	Cadmium, Total	0.184	0.993	0.055	J
7440-70-2	Calcium, Total	13600	9.93	5.63	
7440-47-3	Chromium, Total	6.75	0.993	0.842	
7440-48-4	Cobalt, Total	4.99	1.99	0.246	
7440-50-8	Copper, Total	71.6	0.993	0.225	
7439-89-6	Iron, Total	11500	4.96	1.04	
7439-92-1	Lead, Total	128	4.96	0.236	
7439-95-4	Magnesium, Total	2340	9.93	1.62	
7439-96-5	Manganese, Total	160	0.993	0.532	
7440-02-0	Nickel, Total	10.8	2.48	0.802	
7440-09-7	Potassium, Total	368	248	50.3	
7782-49-2	Selenium, Total	0.847	1.99	0.327	J
7440-22-4	Silver, Total	ND	0.496	0.296	U
7440-23-5	Sodium, Total	ND	199	105.	U
7440-28-0	Thallium, Total	ND	1.99	0.896	U
7440-62-2	Vanadium, Total	13.8	0.993	0.150	
7440-66-6	Zinc, Total	138	4.96	0.602	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-06	Date Collected	: 07/28/25 12:15
Client ID	: TP-104 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:08
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.28g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5610	9.33	3.03	
7440-36-0	Antimony, Total	ND	4.67	3.59	U
7440-38-2	Arsenic, Total	3.66	0.933	0.403	
7440-39-3	Barium, Total	105	0.933	0.099	
7440-41-7	Beryllium, Total	0.334	0.467	0.051	J
7440-43-9	Cadmium, Total	ND	0.933	0.051	U
7440-70-2	Calcium, Total	2140	9.33	5.29	
7440-47-3	Chromium, Total	11.5	0.933	0.792	
7440-48-4	Cobalt, Total	5.20	1.87	0.231	
7440-50-8	Copper, Total	1.24	0.933	0.212	
7439-89-6	Iron, Total	12300	4.67	0.980	
7439-92-1	Lead, Total	1.96	4.67	0.222	J
7439-95-4	Magnesium, Total	4140	9.33	1.52	
7439-96-5	Manganese, Total	111	0.933	0.500	
7440-02-0	Nickel, Total	22.1	2.33	0.754	
7440-09-7	Potassium, Total	1250	233	47.3	
7782-49-2	Selenium, Total	ND	1.87	0.307	U
7440-22-4	Silver, Total	ND	0.467	0.278	U
7440-23-5	Sodium, Total	ND	187	98.9	U
7440-28-0	Thallium, Total	ND	1.87	0.842	U
7440-62-2	Vanadium, Total	11.7	0.933	0.141	
7440-66-6	Zinc, Total	18.8	4.67	0.566	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-07	Date Collected	: 07/28/25 10:20
Client ID	: TP-106 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:26
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.273g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	795	9.35	3.04	
7440-36-0	Antimony, Total	ND	4.68	3.60	U
7440-38-2	Arsenic, Total	4.17	0.935	0.404	
7440-39-3	Barium, Total	27.5	0.935	0.099	
7440-41-7	Beryllium, Total	0.158	0.468	0.051	J
7440-43-9	Cadmium, Total	ND	0.935	0.051	U
7440-70-2	Calcium, Total	41800	9.35	5.30	
7440-47-3	Chromium, Total	2.03	0.935	0.793	
7440-48-4	Cobalt, Total	2.23	1.87	0.232	
7440-50-8	Copper, Total	14.1	0.935	0.212	
7439-89-6	Iron, Total	5410	4.68	0.982	
7439-92-1	Lead, Total	12.5	4.68	0.222	
7439-95-4	Magnesium, Total	2510	9.35	1.52	
7439-96-5	Manganese, Total	72.7	0.935	0.501	
7440-02-0	Nickel, Total	3.37	2.34	0.756	
7440-09-7	Potassium, Total	142	234	47.4	J
7782-49-2	Selenium, Total	0.917	1.87	0.308	J
7440-22-4	Silver, Total	ND	0.468	0.279	U
7440-23-5	Sodium, Total	ND	187	99.1	U
7440-28-0	Thallium, Total	ND	1.87	0.844	U
7440-62-2	Vanadium, Total	7.04	0.935	0.141	
7440-66-6	Zinc, Total	24.8	4.68	0.567	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-08	Date Collected	: 07/28/25 10:30
Client ID	: TP-106 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:30
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.308g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	4160	8.61	2.80	
7440-36-0	Antimony, Total	ND	4.30	3.31	U
7440-38-2	Arsenic, Total	2.83	0.861	0.372	
7440-39-3	Barium, Total	28.6	0.861	0.091	
7440-41-7	Beryllium, Total	0.269	0.430	0.047	J
7440-43-9	Cadmium, Total	ND	0.861	0.047	U
7440-70-2	Calcium, Total	12200	8.61	4.88	
7440-47-3	Chromium, Total	6.49	0.861	0.730	
7440-48-4	Cobalt, Total	4.20	1.72	0.214	
7440-50-8	Copper, Total	0.767	0.861	0.195	J
7439-89-6	Iron, Total	10100	4.30	0.904	
7439-92-1	Lead, Total	2.82	4.30	0.205	J
7439-95-4	Magnesium, Total	9290	8.61	1.40	
7439-96-5	Manganese, Total	265	0.861	0.461	
7440-02-0	Nickel, Total	16.7	2.15	0.696	
7440-09-7	Potassium, Total	998	215	43.6	
7782-49-2	Selenium, Total	ND	1.72	0.283	U
7440-22-4	Silver, Total	ND	0.430	0.256	U
7440-23-5	Sodium, Total	ND	172	91.3	U
7440-28-0	Thallium, Total	ND	1.72	0.776	U
7440-62-2	Vanadium, Total	6.11	0.861	0.130	
7440-66-6	Zinc, Total	14.0	4.30	0.522	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-09	Date Collected	: 07/28/25 13:30
Client ID	: TP-109 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:33
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.273g	%Solids	: 78
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	3120	10.0	3.26	
7440-36-0	Antimony, Total	ND	5.01	3.86	U
7440-38-2	Arsenic, Total	9.02	1.00	0.433	
7440-39-3	Barium, Total	50.5	1.00	0.106	
7440-41-7	Beryllium, Total	0.319	0.501	0.055	J
7440-43-9	Cadmium, Total	0.166	1.00	0.055	J
7440-70-2	Calcium, Total	16900	10.0	5.68	
7440-47-3	Chromium, Total	5.23	1.00	0.850	
7440-48-4	Cobalt, Total	3.23	2.00	0.248	
7440-50-8	Copper, Total	19.3	1.00	0.227	
7439-89-6	Iron, Total	9940	5.01	1.05	
7439-92-1	Lead, Total	54.0	5.01	0.238	
7439-95-4	Magnesium, Total	3410	10.0	1.63	
7439-96-5	Manganese, Total	190	1.00	0.537	
7440-02-0	Nickel, Total	9.60	2.50	0.810	
7440-09-7	Potassium, Total	426	250	50.8	
7782-49-2	Selenium, Total	0.498	2.00	0.330	J
7440-22-4	Silver, Total	ND	0.501	0.298	U
7440-23-5	Sodium, Total	ND	200	106.	U
7440-28-0	Thallium, Total	ND	2.00	0.904	U
7440-62-2	Vanadium, Total	11.5	1.00	0.151	
7440-66-6	Zinc, Total	72.4	5.01	0.607	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-10	Date Collected	: 07/28/25 13:35
Client ID	: TP-109 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:36
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.305g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5880	9.25	3.01	
7440-36-0	Antimony, Total	ND	4.63	3.56	U
7440-38-2	Arsenic, Total	2.07	0.925	0.400	
7440-39-3	Barium, Total	52.5	0.925	0.098	
7440-41-7	Beryllium, Total	0.349	0.463	0.051	J
7440-43-9	Cadmium, Total	ND	0.925	0.051	U
7440-70-2	Calcium, Total	1590	9.25	5.25	
7440-47-3	Chromium, Total	9.47	0.925	0.785	
7440-48-4	Cobalt, Total	5.22	1.85	0.230	
7440-50-8	Copper, Total	2.51	0.925	0.210	
7439-89-6	Iron, Total	16900	4.63	0.972	
7439-92-1	Lead, Total	1.16	4.63	0.220	J
7439-95-4	Magnesium, Total	3630	9.25	1.51	
7439-96-5	Manganese, Total	121	0.925	0.496	
7440-02-0	Nickel, Total	20.5	2.31	0.748	
7440-09-7	Potassium, Total	964	231	46.9	
7782-49-2	Selenium, Total	ND	1.85	0.304	U
7440-22-4	Silver, Total	ND	0.463	0.276	U
7440-23-5	Sodium, Total	ND	185	98.1	U
7440-28-0	Thallium, Total	ND	1.85	0.835	U
7440-62-2	Vanadium, Total	9.95	0.925	0.140	
7440-66-6	Zinc, Total	23.3	4.63	0.561	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-11	Date Collected	: 07/28/25 14:00
Client ID	: TP-113 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:39
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.259g	%Solids	: 92
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5130	8.61	2.80	
7440-36-0	Antimony, Total	ND	4.31	3.32	U
7440-38-2	Arsenic, Total	8.18	0.861	0.372	
7440-39-3	Barium, Total	77.3	0.861	0.091	
7440-41-7	Beryllium, Total	0.395	0.431	0.047	J
7440-43-9	Cadmium, Total	0.159	0.861	0.047	J
7440-70-2	Calcium, Total	13000	8.61	4.88	
7440-47-3	Chromium, Total	8.54	0.861	0.730	
7440-48-4	Cobalt, Total	5.68	1.72	0.214	
7440-50-8	Copper, Total	21.2	0.861	0.196	
7439-89-6	Iron, Total	11300	4.31	0.904	
7439-92-1	Lead, Total	96.0	4.31	0.205	
7439-95-4	Magnesium, Total	7410	8.61	1.40	
7439-96-5	Manganese, Total	388	0.861	0.462	
7440-02-0	Nickel, Total	12.5	2.15	0.696	
7440-09-7	Potassium, Total	532	215	43.7	
7782-49-2	Selenium, Total	0.476	1.72	0.283	J
7440-22-4	Silver, Total	ND	0.431	0.257	U
7440-23-5	Sodium, Total	ND	172	91.3	U
7440-28-0	Thallium, Total	ND	1.72	0.777	U
7440-62-2	Vanadium, Total	11.6	0.861	0.130	
7440-66-6	Zinc, Total	76.1	4.31	0.522	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-12	Date Collected	: 07/28/25 14:10
Client ID	: TP-113 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 15:43
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2100065.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.297g	%Solids	: 81
Digestion Method	: EPA 3050B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	6440	9.48	3.08	
7440-36-0	Antimony, Total	ND	4.74	3.65	U
7440-38-2	Arsenic, Total	2.18	0.948	0.410	
7440-39-3	Barium, Total	64.6	0.948	0.100	
7440-41-7	Beryllium, Total	0.454	0.474	0.052	J
7440-43-9	Cadmium, Total	ND	0.948	0.052	U
7440-70-2	Calcium, Total	2960	9.48	5.38	
7440-47-3	Chromium, Total	10.0	0.948	0.804	
7440-48-4	Cobalt, Total	5.43	1.90	0.235	
7440-50-8	Copper, Total	1.82	0.948	0.215	
7439-89-6	Iron, Total	13600	4.74	0.996	
7439-92-1	Lead, Total	1.79	4.74	0.226	J
7439-95-4	Magnesium, Total	4020	9.48	1.54	
7439-96-5	Manganese, Total	252	0.948	0.508	
7440-02-0	Nickel, Total	23.1	2.37	0.766	
7440-09-7	Potassium, Total	946	237	48.1	
7782-49-2	Selenium, Total	ND	1.90	0.312	U
7440-22-4	Silver, Total	ND	0.474	0.283	U
7440-23-5	Sodium, Total	ND	190	100.	U
7440-28-0	Thallium, Total	ND	1.90	0.855	U
7440-62-2	Vanadium, Total	8.44	0.948	0.143	
7440-66-6	Zinc, Total	21.0	4.74	0.575	



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099630-1
 Client ID : WG2099630-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG2100065.pdf
 Sample Amount : 1.25g
 Digestion Method : EPA 3050B

Lab Number : L2547174
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/07/25 13:57
 Dilution Factor : 1
 Analyst : DHL
 Instrument ID : TRACE9
 %Solids : NA
 Date Digested : 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	4.00	1.30	U
7440-36-0	Antimony, Total	ND	2.00	1.54	U
7440-38-2	Arsenic, Total	ND	0.400	0.173	U
7440-39-3	Barium, Total	ND	0.400	0.042	U
7440-41-7	Beryllium, Total	ND	0.200	0.022	U
7440-43-9	Cadmium, Total	ND	0.400	0.022	U
7440-70-2	Calcium, Total	ND	4.00	2.27	U
7440-47-3	Chromium, Total	ND	0.400	0.339	U
7440-48-4	Cobalt, Total	ND	0.800	0.099	U
7440-50-8	Copper, Total	ND	0.400	0.091	U
7439-89-6	Iron, Total	0.977	2.00	0.420	J
7439-92-1	Lead, Total	ND	2.00	0.095	U
7439-95-4	Magnesium, Total	ND	4.00	0.652	U
7439-96-5	Manganese, Total	ND	0.400	0.214	U
7440-02-0	Nickel, Total	ND	1.00	0.323	U
7440-09-7	Potassium, Total	ND	100	20.3	U
7782-49-2	Selenium, Total	ND	0.800	0.132	U
7440-22-4	Silver, Total	ND	0.200	0.119	U
7440-23-5	Sodium, Total	ND	80.0	42.4	U
7440-28-0	Thallium, Total	ND	0.800	0.361	U
7440-62-2	Vanadium, Total	ND	0.400	0.060	U
7440-66-6	Zinc, Total	ND	2.00	0.242	U



Form 1 METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2099630-4
Client ID : TP-102 FILLDUP
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG2100065.pdf
Sample Amount : 1.307g
Digestion Method : EPA 3050B

Lab Number : L2547174
Project Number : W96.013.001
Date Collected : 07/28/25 11:40
Date Received : 07/28/25
Date Analyzed : 08/07/25 14:20
Dilution Factor : 2
Analyst : DHL
Instrument ID : TRACE9
%Solids : 89
Date Digested : 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	3350	8.62	2.80	
7440-36-0	Antimony, Total	ND	4.31	3.32	U
7440-38-2	Arsenic, Total	17.6	0.862	0.372	
7440-39-3	Barium, Total	61.3	0.862	0.091	
7440-41-7	Beryllium, Total	0.309	0.431	0.047	J
7440-43-9	Cadmium, Total	ND	0.862	0.047	U
7440-47-3	Chromium, Total	22.0	0.862	0.731	
7440-48-4	Cobalt, Total	3.50	1.72	0.214	
7440-50-8	Copper, Total	15.2	0.862	0.196	
7439-89-6	Iron, Total	10600	4.31	0.905	
7439-92-1	Lead, Total	84.8	4.31	0.205	
7439-95-4	Magnesium, Total	7020	8.62	1.40	
7439-96-5	Manganese, Total	201	0.862	0.462	
7440-02-0	Nickel, Total	10.7	2.15	0.696	
7440-09-7	Potassium, Total	632	215	43.7	
7782-49-2	Selenium, Total	ND	1.72	0.283	U
7440-22-4	Silver, Total	ND	0.431	0.257	U
7440-23-5	Sodium, Total	141	172	91.3	J
7440-28-0	Thallium, Total	ND	1.72	0.777	U
7440-62-2	Vanadium, Total	49.6	0.862	0.130	
7440-66-6	Zinc, Total	52.6	4.31	0.522	



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2099630-4
Client ID : TP-102 FILLDUP
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG2100065.pdf
Sample Amount : 1.307g
Digestion Method : EPA 3050B

Lab Number : L2547174
Project Number : W96.013.001
Date Collected : 07/28/25 11:40
Date Received : 07/28/25
Date Analyzed : 08/07/25 16:16
Dilution Factor : 2
Analyst : DHL
Instrument ID : TRACE9
%Solids : 89
Date Digested : 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7440-70-2	Calcium, Total	12200	8.62	4.88	



Form 5a Matrix Spike

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-102 FILL
 Lab Sample ID : L2547174-01
 Matrix Spike : WG2099630-3
 Matrix Spike Dup :

Lab Number : L2547174
 Project Number : W96.013.001
 Matrix : SOIL
 MS Analysis Date : 08/07/25 14:17
 MSD Analysis Date :

Parameter	Sample Conc. (mg/kg)	Matrix Spike Sample		%R	Matrix Spike Duplicate		%R	RPD	Recovery Limits	RPD Limit
		Spike Added (mg/kg)	Spike Conc. (mg/kg)		Spike Added (mg/kg)	Spike Conc. (mg/kg)				
Aluminum, Total	2680	175	3620	537 Q					75-125	20
Antimony, Total	ND	43.8	21.1	48 Q					75-125	20
Arsenic, Total	12.6	10.5	31.3	178 Q					75-125	20
Barium, Total	29.6	175	206	101					75-125	20
Beryllium, Total	0.169J	4.38	4.49	103					75-125	20
Cadmium, Total	ND	4.64	3.63	78					75-125	20
Chromium, Total	5.38	17.5	42.8	214 Q					75-125	20
Cobalt, Total	4.01	43.8	44.9	93					75-125	20
Copper, Total	40.1	21.9	40.6	2 Q					75-125	20
Iron, Total	6710	87.5	9340	3000Q					75-125	20
Lead, Total	44.6	46.4	120	162 Q					75-125	20
Magnesium, Total	11300	875	8680	0 Q					75-125	20
Manganese, Total	215	43.8	258	98					75-125	20
Nickel, Total	8.20	43.8	53.5	104					75-125	20
Potassium, Total	384	875	1550	133 Q					75-125	20
Selenium, Total	ND	10.5	10.1	96					75-125	20
Silver, Total	ND	4.38	4.49	103					75-125	20
Sodium, Total	ND	875	1050	120					75-125	20
Thallium, Total	ND	10.5	10.7	102					75-125	20
Vanadium, Total	10.5	43.8	97.9	200 Q					75-125	20
Zinc, Total	30.4	43.8	79.7	113					75-125	20



Form 6 Lab Duplicates

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-102 FILL
 Lab Sample ID : L2547174-01
 Dup Sample ID : WG2099630-4

Lab Number : L2547174
 Project Number : W96.013.001
 Matrix : SOIL
 Analysis Date : 08/07/25 14:14
 DUP Analysis Date : 08/07/25 14:20

Parameter	Sample Concentration (mg/kg)	Duplicate Concentration (mg/kg)	RPD	RPD Limit
Aluminum, Total	2680	3350	22 Q	20
Antimony, Total	ND	ND	NC	20
Arsenic, Total	12.6	17.6	33 Q	20
Barium, Total	29.6	61.3	70 Q	20
Beryllium, Total	0.169J	0.309J	NC	20
Cadmium, Total	ND	ND	NC	20
Chromium, Total	5.38	22.0	121 Q	20
Cobalt, Total	4.01	3.50	14	20
Copper, Total	40.1	15.2	90 Q	20
Iron, Total	6710	10600	45 Q	20
Lead, Total	44.6	84.8	62 Q	20
Magnesium, Total	11300	7020	47 Q	20
Manganese, Total	215	201	7	20
Nickel, Total	8.20	10.7	26 Q	20
Potassium, Total	384	632	49 Q	20
Selenium, Total	ND	ND	NC	20
Silver, Total	ND	ND	NC	20
Sodium, Total	ND	141J	NC	20
Thallium, Total	ND	ND	NC	20
Vanadium, Total	10.5	49.6	130 Q	20
Zinc, Total	30.4	52.6	53 Q	20



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-01	Date Collected	: 07/28/25 11:40
Client ID	: TP-102 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 09:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.374g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.075	0.049	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-02	Date Collected	: 07/28/25 11:50
Client ID	: TP-102 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.311g	%Solids	: 77
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.105	0.069	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-03	Date Collected	: 07/28/25 11:05
Client ID	: TP-103 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.351g	%Solids	: 73
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.069	0.097	0.064	J



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-04	Date Collected	: 07/28/25 11:10
Client ID	: TP-103 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.342g	%Solids	: 83
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.088	0.058	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-05	Date Collected	: 07/28/25 12:00
Client ID	: TP-104 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.334g	%Solids	: 76
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.131	0.098	0.064	

Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-06	Date Collected	: 07/28/25 12:15
Client ID	: TP-104 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:29
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.394g	%Solids	: 84
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.076	0.049	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-07	Date Collected	: 07/28/25 10:20
Client ID	: TP-106 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.358g	%Solids	: 84
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.083	0.054	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-08	Date Collected	: 07/28/25 10:30
Client ID	: TP-106 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.378g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.075	0.049	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-09	Date Collected	: 07/28/25 13:30
Client ID	: TP-109 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.335g	%Solids	: 78
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.095	0.062	U

Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-10	Date Collected	: 07/28/25 13:35
Client ID	: TP-109 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.333g	%Solids	: 83
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.091	0.059	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-11	Date Collected	: 07/28/25 14:00
Client ID	: TP-113 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.314g	%Solids	: 92
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.615	0.086	0.056	



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-12	Date Collected	: 07/28/25 14:10
Client ID	: TP-113 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 10:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100090.pdf	Instrument ID	: NIC4
Sample Amount	: 0.311g	%Solids	: 81
Digestion Method	: EPA 7471B	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.099	0.065	U



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2099633-1
Client ID : WG2099633-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG2100090.pdf
Sample Amount : 0.3g
Digestion Method : EPA 7471B

Lab Number : L2547174
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/07/25 09:19
Dilution Factor : 1
Analyst : JWN
Instrument ID : NIC4
%Solids : NA
Date Digested : 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.083	0.054	U



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2099633-4
Client ID : TP-102 FILLDUP
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG2100090.pdf
Sample Amount : 0.339g
Digestion Method : EPA 7471B

Lab Number : L2547174
Project Number : W96.013.001
Date Collected : 07/28/25 11:40
Date Received : 07/28/25
Date Analyzed : 08/07/25 09:39
Dilution Factor : 1
Analyst : JWN
Instrument ID : NIC4
%Solids : 89
Date Digested : 08/06/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.057	0.083	0.054	J



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-01	Date Collected	: 07/28/25 11:40
Client ID	: TP-102 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0473g	%Solids	: 89
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-02	Date Collected	: 07/28/25 11:50
Client ID	: TP-102 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0215g	%Solids	: 77
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.3	0.27	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-03	Date Collected	: 07/28/25 11:05
Client ID	: TP-103 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0488g	%Solids	: 73
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.3	0.28	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-04	Date Collected	: 07/28/25 11:10
Client ID	: TP-103 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0577g	%Solids	: 83
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-05	Date Collected	: 07/28/25 12:00
Client ID	: TP-104 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0823g	%Solids	: 76
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	0.36	1.2	0.26	J



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-06	Date Collected	: 07/28/25 12:15
Client ID	: TP-104 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0436g	%Solids	: 84
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-07	Date Collected	: 07/28/25 10:20
Client ID	: TP-106 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0785g	%Solids	: 84
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	0.26	1.1	0.23	J



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-08	Date Collected	: 07/28/25 10:30
Client ID	: TP-106 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0283g	%Solids	: 89
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-09	Date Collected	: 07/28/25 13:30
Client ID	: TP-109 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:24
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0959g	%Solids	: 78
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.25	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-10	Date Collected	: 07/28/25 13:35
Client ID	: TP-109 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0444g	%Solids	: 83
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.24	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-11	Date Collected	: 07/28/25 14:00
Client ID	: TP-113 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.0209g	%Solids	: 92
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.22	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-12	Date Collected	: 07/28/25 14:10
Client ID	: TP-113 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 16:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-B	Instrument ID	: LACHAT6
Sample Amount	: 1.065g	%Solids	: 81
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.24	U



Form 1
WETCHEM

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2100749-1
Client ID : WG2100749-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,9010C/9012B
Lab File ID : TCN080825-B
Sample Amount : 1.0634g
Digestion Method :

Lab Number : L2547174
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/08/25 16:10
Dilution Factor : 1
Analyst : JER
Instrument ID : LACHAT6
%Solids : NA
Date Digested : 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.88	0.19	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-01	Date Collected	: 07/28/25 11:40
Client ID	: TP-102 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 89
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	88.8	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-02	Date Collected	: 07/28/25 11:50
Client ID	: TP-102 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 77
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	76.5	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-03	Date Collected	: 07/28/25 11:05
Client ID	: TP-103 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 73
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	73.1	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-04	Date Collected	: 07/28/25 11:10
Client ID	: TP-103 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	82.7	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-05	Date Collected	: 07/28/25 12:00
Client ID	: TP-104 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 76
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	76.4	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-06	Date Collected	: 07/28/25 12:15
Client ID	: TP-104 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 84
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	83.7	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-07	Date Collected	: 07/28/25 10:20
Client ID	: TP-106 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 84
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	84.0	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-08	Date Collected	: 07/28/25 10:30
Client ID	: TP-106 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 89
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	88.8	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-09	Date Collected	: 07/28/25 13:30
Client ID	: TP-109 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 78
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	78.4	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-10	Date Collected	: 07/28/25 13:35
Client ID	: TP-109 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	82.8	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-11	Date Collected	: 07/28/25 14:00
Client ID	: TP-113 FILL	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 92
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	92.2	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547174
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547174-12	Date Collected	: 07/28/25 14:10
Client ID	: TP-113 NATIVE	Date Received	: 07/28/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 08:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: RJF
Lab File ID	: WG2098636.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	81.3	0.100	NA	



Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2547432
October 14, 2025
Sampling date: 7/29/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2547432

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for C&S Engineers, project located at 160 Center St., Canastota, NY, SDG#L2547432 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Perfluorinated Hydrocarbons (EPA 1633), Inorganics/Mercury (6010D, 7471B) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	TP-101 FILL	L2547432-01
2	TP-101 NATIVE	L2547432-02
3	TP-107 FILL	L2547432-03
4	TP-108 FILL	L2547432-04
5	TP-108 NATIVE	L2547432-05
6	TP-110 FILL	L2547432-06
7	TP-110 NATIVE	L2547432-07
8	TP-111 FILL	L2547432-08
9	TP-112 FILL	L2547432-09
10	TP-112 NATIVE	L2547432-10
11	TP-114 FILL	L2547432-11
12	TP-114 NATIVE	L2547432-12
13	TP-115 FILL	L2547432-13
14	TP-115 NATIVE	L2547432-14
15	TP-105 FILL	L2547432-15
16	TP-105 NATIVE	L2547432-16
17	DUP-02	L2547432-17

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision

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SDG# L2547432

- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 1,2-Dichloroethane-d₄ was outside QC limits, high in DUSR ID#16. No associated target analytes were detected in this sample, so no further action is required.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #15MS	%Rec #15MSD	RPD	Qualifier	Associated Sample
Methylene chloride	66	61	-	UJ	15, 17
Chlorobenzene	45	45	-	UJ	15, 17
Dibromochloromethane	59	59	-	UJ	15, 17
trans-1,3-Dichloropropene	33	29	-	UJ	15, 17
cis-1,3-Dichloropropene	46	42	-	UJ	15, 17
Bromoform	50	47	-	UJ	15, 17
1,1,2,2-Tetrachloroethane	44	45	-	UJ	15, 17
1,1,2-Trichloroethane	54	53	-	UJ	15, 17
Ethylbenzene	59	62	-	UJ	15, 17
trans-1,2-Dichloroethene	69	66	-	UJ	15, 17
cis-1,2-Dichloroethene	62	58	-	UJ	15, 17
1,2-Dichlorobenzene	27	29	-	UJ	15, 17
1,3-Dichlorobenzene	30	30	-	UJ	15, 17
1,4-Dichlorobenzene	26	26	-	UJ	15, 17
m&p-Xylene	59	61	-	UJ	15, 17
o-Xylene	57	60	-	UJ	15, 17
Styrene	38	38	-	UJ	15, 17
2-Butanone	66	56	-	UJ	15, 17
2-Hexanone	42	41	-	UJ	15, 17
n-Butylbenzene	41	47	-	UJ	15, 17
sec-Butylbenzene	57	68	-	UJ	15, 17
4-Methyl-2-pentanone	57	56	-	UJ	15, 17
1,2-Dibromo-3-chloropropane	40	43	-	UJ	15, 17
1,2-Dibromoethane	38	35	-	UJ	15, 17
Naphthalene	10	13	-	UJ	15, 17
n-Propylbenzene	56	58	-	UJ	15, 17
1,2,4-Trichlorobenzene	13	15	-	UJ	15, 17
1,3,5-Trimethylbenzene	57	60	-	UJ	15, 17
1,2,4-Trimethylbenzene	49	53	-	UJ	15, 17
Methyl acetate	-	35	67	UJ	15, 17

Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD and Continuing Calibration.

Sample: DUSR ID#9 were diluted.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except 2-Chloronaphthalene was detected in DUSR ID#15 but was not detected in #17.

LABORATORY CONTROL SAMPLES

All criteria were met.

Some target analytes were outside QC limits in the laboratory control sample or the laboratory control sample duplicate but not both, so no further action is required.

MS/MSD

All criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #15MS	%Rec #15MSD	RPD	Qualifier	Associated Sample
Acenaphthene	30	13	24	J	15, 17
3,3'-Dichlorobenzidine	0	0	-	R	15, 17
Fluoranthene	0	0	-	J	15, 17
Hexachlorocyclopentadiene	13	0	-	UJ	15, 17
Naphthalene	31	14	-	J	15, 17
Benzo(a)anthracene	0	0	-	J	15, 17
Benzo(a)pyrene	0	0	-	J	15, 17
Benzo(b)fluoranthene	0	0	-	J	15, 17
Benzo(k)fluoranthene	23	6	-	J	15, 17
Benzo(g,h,i)perylene	23	0	-	J	15, 17

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Target Analyte	%Rec #15MS	%Rec #15MSD	RPD	Qualifier	Associated Sample
Chrysene	0	0	-	J	15, 17
Fluorene	29	17	-	J	15, 17
Phenanthrene	0	0	-	J	15, 17
Dibenzo(a,h)anthracene	38	29	-	J	15, 17
Indeno(1,2,3-cd)pyrene	23	0	-	J	15, 17
Pyrene	0	0	-	J	15, 17
Anthracene	11	0	-	J	15, 17
4-Chloroaniline	23	21	-	UJ	15, 17
4-Nitroaniline	14	21	-	UJ	15, 17
Dibenzofuran	37	26	-	J	15, 17
2,4-Dinitrophenol	0	0	-	R	15, 17
4,6-Dinitro-2-methylphenol	9	7	-	R	15, 17
Carbazole	29	23	-	J	15, 17

Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2099714-3	2,4-Dinitrotoluene	20.3	UJ/J	WG2099584
WG2098975-3	Bis(2-ethylhexyl)phthalate	-31	UJ/J	WG2099908
WG2100236-3	Bis(2-chloroisopropyl)ether	33.5	UJ	1, 2
WG2100236-5	1,4-Dioxane	31.6	UJ	1, 2
WG2100027-3	2-Nitrophenol	-29.2	UJ/J	3, 5-17, 15MS/MSD
WG2101478-3	2-Nitrophenol	-25.7	UJ	4
WG2101478-3	Butylbenzylphthalate	-27.8	UJ	4
WG2101478-3	Bis(2-ethylhexyl)phthalate	-30	UJ	4

CcAl ID	Target Analyte	%D	Qualifier	Associated Sample
WG2101478-3	4,6-Dinitro-2-methylphenol	-33.5	UJ	4
WG2101478-3	Hexachlorobutadiene	21.8	UJ	4

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples and MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

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HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	%Rec LCSD	RPD	Qualifier	Associated Sample
WG2101013	2,4,5-TP	170	-	73	UJ	1, 2, 4-17

MS/MSD

All criteria were met except a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	RPD #15MS/MSD	Qualifier	Associated Sample
2,4,5-TP	61	UJ	15, 17

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

The %D of a target analyte was outside QC limits off the confirmatory column. No further action is required.

CONTINUING CALIBRATION

All criteria were met except there was not continuing calibration performed on Aroclor 1254. This target analyte should be qualified as estimated in all samples in which it was detected.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except a page of the run log was not included in the original package. That page is attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except 4,4'-DDD, 4,4'-DDE and 4,4'-DDT were detected in DUSR ID#15 but were not detected in #17. Cis-Chlordane was detected in DUSR ID#17 but was not detected in #15.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #15MS	%Rec #15MSD	RPD	Qualifier	Associated Sample
Endosulfan I	173	-	63	UJ	15, 17

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for several target analytes in the samples and should be qualified as estimated.

Target Analyte	Qualifier	Associated Sample
alpha-Chlordane	J	1, 9, 17
4,4'-DDE	J	1, 2, 4, 8
4,4'-DDT	J	4, 8, 15
Dieldrin	J	9
4,4'-DDD	J	1, 2, 8, 9, 15

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SDG# L2547432

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, Compound Quantitation and Continuing Calibration.

Samples: DUSR ID#10 and #14 were reanalyzed due to QC failure.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except a couple of surrogates were outside QC limits in a sample and should be qualified as estimated.

Surrogate	Associated Target Analyte	Qualifier	Associated Sample
M2-4:2FTS	4:2FTS	UJ/J	15, 17, 15MS/MSD
M2-6:2FTS	6:2FTS	UJ/J	15, 17, 15MS/MSD
M2-8:2FTS	8:2FTS	UJ/J	4, 15, 17, 15MS/MSD
d3-NMeFOSAA	NMeFOSAA	UJ/J	15, 17, 15MS/MSD
d5-NEtFOSAA	NEtFOSAA	UJ/J	10R, 15, 17, 15MS/MSD
M2-PFTeDA	PFTA	UJ	16, 17

BLANKS

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except a couple target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
WG2102184-2	PFTTrDA	144	JH	11
WG2102184-3	PFNA	136	JH	1, 2, 4, 6, 8, 9, 11, 13, 15, 17
WG2102184-3	PFTTrDA	160	JH	11
WG2102184-3	NEtFOSAA	139	JH	8

The %Rec of several target analytes was outside QC limits, high in the laboratory control samples but they were not detected in the associated samples, so no further action is required.

MS/MSD

All criteria were met except the %Rec of several target analytes was outside QC limits, high. Those target analytes were not detected in the associated samples, so no further action is required.

COMPOUND QUANTITATION

All the criteria were met except the ion ratio of a couple of target analytes was outside QC limits in the samples and should be qualified as estimated.

Target Analyte	Qualifier	Associated Sample
PFUnA	J	1
PFOSA	J	8

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met except a target analyte was outside QC limits in a continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%Rec	Qualifier	Associated Sample
WG2102833-5	PFTTrDA	137.8	UJ/J	WG2102184, 1, 2, 4-9, 11-13, 15-17, 15MS/MSD

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, MS/MSD/Duplicate and Calibration.

Old Erie Commons

SDG# L2547432

Samples: DUSR ID#1-17 and #15MS/MSD were diluted in method 6010D.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except a couple of target analytes were detected in the blanks and should be qualified in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration	Qualifier	Associated Sample
WG2100317	Fe	1.08mg/kg	JH	1-17
R1997409-4ICB	Se	.00539mg/L	U at RL	4, 9, 11, 13, 15, 17
R1997409-9CCB	Se	.00473mg/L	U at RL	15
R1997409-11CCB	Se	.00348mg/L	U at RL	9, 11, 13, 15
R1997409-13CCB	Se	.00341mg/L	U at RL	9, 11, 13, 15
R1997409-15CCB	Se	.00522mg/L	U at RL	17
R1997409-17CCB	Se	.00404mg/L	U at RL	17
R1997409-31CCB	Se	.00495mg/L	U at RL	4
R1997409-33CCB	Se	.00641mg/L	U at RL	4
R1997409-13CCB	Fe	.0176mg/L	JH	9, 11, 13, 15
R1997409-17CCB	Fe	.0148mg/L	JH	17

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met except several target analytes were outside QC limits in the matrix spike and/or the duplicate and should be qualified as estimated.

Target Analyte	%Rec #15MS	RPD #15MSD	RPD	Qualifier	Associated Sample
Sb	67	62	-	UJ	15, 17
As	46	57	-	J	15, 17
Ba	-	180	51	J	15, 17
Mn	791	0	118	J	15, 17
Zn	32	51	-	J	15, 17

Old Erie Commons

SDG# L2547432

FIELD DUPLICATE

All criteria were met except Na was detected in DUSR ID#17 but was not detected in #15.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except a couple of target analytes were outside QC limits in the calibrations and should be qualified in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%Rec	Qualifier	Associated Sample
R1997409-12	Fe	113	JH	8-14, 16
R1997409-16	Fe	111	JH	17
R1997409-28	Ca	112	JH	1
R1997321-25	Hg	81	UJ/J	3-7

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide
- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

CYANIDE

All criteria were met.

%SOLIDS

All criteria were met.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547432
Report Date: 08/19/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547432
Report Date: 08/19/25

Case Narrative (continued)

Report Submission

August 19, 2025: This final report includes the results of all requested analyses.

August 12, 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.

Semivolatile Organics

The WG2099584-4/-5 MS/MSD recoveries performed on L2547432-15 are below the acceptance criteria for 3,3'-dichlorobenzidine (0%) and 2,4-dinitrophenol (0%) due to the concentration of these compounds in the MS/MSD falling below the reported detection limit.

The WG2099584-4/-5 MS/MSD recoveries performed on L2547432-15 are below the acceptance criteria for 4,6-dinitro-o-cresol (9%/7%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

The WG2099584-4/-5 MS/MSD recoveries performed on L2547432-15 are outside the acceptance criteria for fluoranthene (0%), hexachlorocyclopentadiene (MSD 0%), benzo(a)anthracene (0%), benzo(a)pyrene (0%), benzo(b)fluoranthene (0%), benzo(k)fluoranthene (MSD 6%), chrysene (0%), anthracene (MSD 0%), benzo(ghi)perylene (MSD 0%), phenanthrene (0%), indeno(1,2,3-cd)pyrene (MSD 0%), and pyrene (0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Perfluorinated Alkyl Acids by 1633

L2547432-04: The Extracted Internal Standard recovery was above the acceptance criteria for perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (135%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2547432-10R and -14R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

L2547432-11: The Extracted Internal Standard recoveries were above the acceptance criteria for

Case Narrative (continued)

perfluoro[13c4]butanoic acid (mpfba) (137%), perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (132%), 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (136%) and 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (136%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2547432-13: The Extracted Internal Standard recoveries were above the acceptance criteria for n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (140%) and 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (136%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2547432-14R: The Extracted Internal Standard recovery was above the acceptance criteria for 2-(n-ethyl-d5-perfluoro-1-octanesulfonamido)ethan-d4-ol (d9-netfose) (135%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2547432-15: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c4]butanoic acid (mpfba) (134%), 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (276%), 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (459%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (546%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (287%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (254%) and 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (134%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2547432-16: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c8]octanesulfonamide (m8fosa) (134%) and perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (160%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2547432-17: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c4]butanoic acid (mpfba) (132%), 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (336%), 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (586%), perfluoro[13c8]octanesulfonic acid (m8pfos) (131%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (654%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (294%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (270%), perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (160%)

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Project Number: W96.013.001

Lab Number: L2547432
Report Date: 08/19/25

Case Narrative (continued)

and 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (136%).

Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

WG2102184-1: The Extracted Internal Standard recoveries were above the acceptance criteria for perfluoro[13c5]pentanoic acid (m5pfpea) (134%), perfluoro[1,2,3,4-13c4]heptanoic acid (m4pfhpa) (138%), perfluoro[13c8]octanoic acid (m8pfoa) (132%), perfluoro[13c9]nonanoic acid (m9pfna) (134%), perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (138%) and 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-13c3-propanoic acid (m3hfpo-da) (143%). Since the method blank was non-detect to the RL for all associated target analytes, re-analysis was not required.

The WG2102184-3 LCS recovery associated with L2547432-01, -02, -04, -05, -06, -07, -08, -09, -10R, -11, -12, -13, -14R, -15, -16, and -17 is above the acceptance criteria for perfluorotridecanoic acid (pftrda) (160%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

The WG2102184-4/-5 MS/MSD recoveries performed on L2547432-15 are outside the acceptance criteria for perfluorotridecanoic acid (pftrda) (162%/159%) and 2h,2h,3h,3h-perfluorooctanoic acid (5:3ftca) (132%/133%).

The Extracted Internal Standard recoveries for the WG2102184-4/-5 MS/MSD performed on L2547432-15 are outside the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (MS 208%), 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (398%/315%), 1h,1h,2h,2h-perfluoro[1,2-13c2]decanesulfonic acid (m2-8:2fts) (473%/377%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (d3-nmefosaa) (238%/213%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (228%/234%) and perfluoro[1,2-13c2]tetradecanoic acid (m2pfteda) (MS 132%). The associated MS/MSD spike compounds are within criteria; therefore, no further action was taken.

Pesticides

L2547432-08: The internal standard (IS) response for 1-bromo-2-nitrobenzene (266%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547432
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Case Narrative (continued)

Total Metals

L2547432-01 through -17: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2100437-3/-4 MS/MSD recoveries performed on L2547432-15 do not apply for aluminum (0%/228%), calcium (3660%/0%), iron (0%), magnesium (2410%/0%), and manganese (791%/0%) because the sample concentrations are greater than four times the spike amounts added.

The WG2100437-3/-4 MS/MSD recoveries performed on L2547432-15 are outside the acceptance criteria for antimony (67%/62%), arsenic (46%/57%), barium (MSD 180%), copper (MS 74%), lead (70%/52%), and zinc (32%/51%). A post digestion spike was performed and was within acceptance criteria.

The WG2100437-3/-4 MS/MSD RPDs performed on L2547432-15 are above the acceptance criteria for aluminum (32%), barium (51%), calcium (147%), magnesium (169%), and manganese (118%).

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: 
Title: Technical Director/Representative

Report Date: 08/19/25

Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-105 FILL
 Lab Sample ID : L2547432-15
 Matrix Spike : WG2101609-6
 Matrix Spike Dup : WG2101609-7

Lab Number : L2547432
 Project Number : W96.013.001
 Matrix (Level) : SOLID (LOW)
 Analysis Date : 08/10/25 15:37
 MS Analysis Date : 08/09/25 19:53
 MSD Analysis Date : 08/09/25 20:19

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)				
Methylene chloride	ND	184	120	66	Q	162	100	61	Q	19	70-130 30
1,1-Dichloroethane	ND	184	170	90		162	140	88		15	70-130 30
Chloroform	ND	184	150	83		162	130	81		15	70-130 30
Carbon tetrachloride	ND	184	210	114		162	180	113		14	70-130 30
1,2-Dichloropropane	ND	184	130	71		162	110	70		13	70-130 30
Dibromochloromethane	ND	184	110	59	Q	162	96	59	Q	12	70-130 30
1,1,2-Trichloroethane	ND	184	100	54	Q	162	86	53	Q	15	70-130 30
Tetrachloroethene	ND	184	140	76		162	130	80		7	70-130 30
Chlorobenzene	ND	184	83	45	Q	162	73	45	Q	13	70-130 30
Trichlorofluoromethane	ND	184	220	121		162	190	119		14	70-139 30
1,2-Dichloroethane	ND	184	140	74		162	110	67	Q	23	70-130 30
1,1,1-Trichloroethane	ND	184	210	115		162	180	113		15	70-130 30
Bromodichloromethane	ND	184	130	73		162	120	72		14	70-130 30
trans-1,3-Dichloropropene	ND	184	61	33	Q	162	46	29	Q	27	70-130 30
cis-1,3-Dichloropropene	ND	184	84	46	Q	162	69	42	Q	20	70-130 30
Bromoform	ND	184	91	50	Q	162	76	47	Q	18	70-130 30
1,1,2,2-Tetrachloroethane	ND	184	82	44	Q	162	72	45	Q	12	70-130 30
Benzene	ND	184	140	74		162	120	72		16	70-130 30
Toluene	ND	184	110	62	Q	162	100	63	Q	11	70-130 30
Ethylbenzene	ND	184	110	59	Q	162	100	62	Q	8	70-130 30
Chloromethane	ND	184	180	97		162	160	100		9	52-130 30
Bromomethane	ND	184	130	71		162	110	70		15	57-147 30



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-105 FILL
 Lab Sample ID : L2547432-15
 Matrix Spike : WG2101609-6
 Matrix Spike Dup : WG2101609-7

Lab Number : L2547432
 Project Number : W96.013.001
 Matrix (Level) : SOLID (LOW)
 Analysis Date : 08/10/25 15:37
 MS Analysis Date : 08/09/25 19:53
 MSD Analysis Date : 08/09/25 20:19

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	184	160	87	162	150	90	9	67-130	30
Chloroethane	ND	184	160	84	162	140	84	13	50-151	30
1,1-Dichloroethene	ND	184	170	91	162	150	90	13	65-135	30
trans-1,2-Dichloroethene	ND	184	130	69 Q	162	110	66 Q	16	70-130	30
Trichloroethene	ND	184	130	72	162	110	70	15	70-130	30
1,2-Dichlorobenzene	ND	184	50	27 Q	162	47	29 Q	8	70-130	30
1,3-Dichlorobenzene	ND	184	55	30 Q	162	50	30 Q	11	70-130	30
1,4-Dichlorobenzene	ND	184	47	26 Q	162	42	26 Q	12	70-130	30
Methyl tert butyl ether	ND	184	160	88	162	130	83	18	66-130	30
p/m-Xylene	ND	367	220	59 Q	324	200	61 Q	9	70-130	30
o-Xylene	ND	367	210	57 Q	324	190	60 Q	8	70-130	30
cis-1,2-Dichloroethene	ND	184	110	62 Q	162	94	58 Q	19	70-130	30
Styrene	ND	367	140	38 Q	324	120	38 Q	13	70-130	30
Dichlorodifluoromethane	ND	184	220	120	162	190	119	13	30-146	30
Acetone	ND	184	160	89	162	140	83	19	54-140	30
Carbon disulfide	ND	184	110	59	162	96	59	13	59-130	30
2-Butanone	ND	184	120	66 Q	162	92	56 Q	29	70-130	30
4-Methyl-2-pentanone	ND	184	100	57 Q	162	91	56 Q	13	70-130	30
2-Hexanone	ND	184	77	42 Q	162	66	41 Q	15	70-130	30
1,2-Dibromoethane	ND	184	69	38 Q	162	56	35 Q	21	70-130	30
n-Butylbenzene	ND	184	76	41 Q	162	77	47 Q	1	70-130	30
sec-Butylbenzene	ND	184	100	57 Q	162	110	68 Q	6	70-130	30



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-105 FILL
 Lab Sample ID : L2547432-15
 Matrix Spike : WG2101609-6
 Matrix Spike Dup : WG2101609-7

Lab Number : L2547432
 Project Number : W96.013.001
 Matrix (Level) : SOLID (LOW)
 Analysis Date : 08/10/25 15:37
 MS Analysis Date : 08/09/25 19:53
 MSD Analysis Date : 08/09/25 20:19

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						
tert-Butylbenzene	ND	184	120	66	Q	162	110	70	7	70-130	30		
1,2-Dibromo-3-chloropropane	ND	184	73	40	Q	162	70	43	Q	4	68-130	30	
Isopropylbenzene	ND	184	130	70		162	120	72	10	70-130	30		
p-Isopropyltoluene	ND	184	99	54	Q	162	130	79	26	70-130	30		
Naphthalene	ND	184	19	10	Q	162	21	13	Q	11	70-130	30	
n-Propylbenzene	ND	184	100	56	Q	162	94	58	Q	8	70-130	30	
1,2,4-Trichlorobenzene	ND	184	24	13	Q	162	24	15	Q	1	70-130	30	
1,3,5-Trimethylbenzene	ND	184	100	57	Q	162	97	60	Q	7	70-130	30	
1,2,4-Trimethylbenzene	ND	184	91	49	Q	162	85	53	Q	6	70-130	30	
Methyl Acetate	ND	184	120	63		162	57	35	Q	67	Q	51-146	30
Cyclohexane	ND	184	160	89		162	160	96	5	59-142	30		
Freon-113	ND	184	180	98		162	160	99	12	50-139	30		
Methyl cyclohexane	ND	184	130	72		162	130	81	1	70-130	30		



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-01	Date Collected : 07/29/25 14:20
Client ID : TP-101 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 15:35
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250809B15	Instrument ID : VOA111
Sample Amount : 4.7 g	GC Column : RTX-VMS
Level : LOW	%Solids : 89
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.0	2.7	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U
127-18-4	Tetrachloroethene	ND	0.60	0.23	U
108-90-7	Chlorobenzene	ND	0.60	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.8	0.83	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.60	0.20	U
75-27-4	Bromodichloromethane	ND	0.60	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.60	0.19	U
75-25-2	Bromoform	ND	4.8	0.29	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.60	0.20	U
71-43-2	Benzene	ND	0.60	0.20	U
108-88-3	Toluene	ND	1.2	0.65	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.8	1.1	U
74-83-9	Bromomethane	ND	2.4	0.70	U
75-01-4	Vinyl chloride	ND	1.2	0.40	U
75-00-3	Chloroethane	ND	2.4	0.54	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.28	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B15
 Sample Amount : 4.7 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 15:35
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U
79-01-6	Trichloroethene	ND	0.60	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.67	U
95-47-6	o-Xylene	ND	1.2	0.35	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.23	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	5.8	U
75-15-0	Carbon disulfide	ND	12	5.4	U
78-93-3	2-Butanone	ND	12	2.6	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.33	U
104-51-8	n-Butylbenzene	ND	1.2	0.20	U
135-98-8	sec-Butylbenzene	ND	1.2	0.17	U
98-06-6	tert-Butylbenzene	ND	2.4	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	1.3	4.8	0.78	J
103-65-1	n-Propylbenzene	ND	1.2	0.20	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-01	Date Collected	: 07/29/25 14:20
Client ID	: TP-101 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 15:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11250809B15	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.32	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.23	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.40	U
79-20-9	Methyl Acetate	ND	4.8	1.1	U
110-82-7	Cyclohexane	ND	12	0.65	U
76-13-1	Freon-113	ND	4.8	0.83	U
108-87-2	Methyl cyclohexane	ND	4.8	0.72	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B16
 Sample Amount : 6.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 16:01
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 78
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.3	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U
127-18-4	Tetrachloroethene	ND	0.53	0.21	U
108-90-7	Chlorobenzene	ND	0.53	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.2	0.73	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.53	0.18	U
75-27-4	Bromodichloromethane	ND	0.53	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.29	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.53	0.17	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.53	0.17	U
71-43-2	Benzene	ND	0.53	0.17	U
108-88-3	Toluene	ND	1.0	0.57	U
100-41-4	Ethylbenzene	ND	1.0	0.15	U
74-87-3	Chloromethane	ND	4.2	0.98	U
74-83-9	Bromomethane	ND	2.1	0.61	U
75-01-4	Vinyl chloride	ND	1.0	0.35	U
75-00-3	Chloroethane	ND	2.1	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B16
 Sample Amount : 6.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 16:01
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 78
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	ND	0.53	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.59	U
95-47-6	o-Xylene	ND	1.0	0.31	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.21	U
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U
67-64-1	Acetone	ND	10	5.1	U
75-15-0	Carbon disulfide	ND	10	4.8	U
78-93-3	2-Butanone	ND	10	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U
104-51-8	n-Butylbenzene	ND	1.0	0.18	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.1	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.2	0.68	U
103-65-1	n-Propylbenzene	ND	1.0	0.18	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-02	Date Collected	: 07/29/25 14:30
Client ID	: TP-101 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 16:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11250809B16	Instrument ID	: VOA111
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 78
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.29	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.35	U
79-20-9	Methyl Acetate	ND	4.2	1.0	U
110-82-7	Cyclohexane	ND	10	0.57	U
76-13-1	Freon-113	ND	4.2	0.73	U
108-87-2	Methyl cyclohexane	ND	4.2	0.64	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B17
 Sample Amount : 7.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 16:27
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 80
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	4.4	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.88	0.13	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.88	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.88	0.11	U
124-48-1	Dibromochloromethane	ND	0.88	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.88	0.24	U
127-18-4	Tetrachloroethene	ND	0.44	0.17	U
108-90-7	Chlorobenzene	ND	0.44	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.5	0.61	U
107-06-2	1,2-Dichloroethane	ND	0.88	0.23	U
71-55-6	1,1,1-Trichloroethane	ND	0.44	0.15	U
75-27-4	Bromodichloromethane	ND	0.44	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.88	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.44	0.14	U
75-25-2	Bromoform	ND	3.5	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.44	0.15	U
71-43-2	Benzene	ND	0.44	0.15	U
108-88-3	Toluene	ND	0.88	0.48	U
100-41-4	Ethylbenzene	ND	0.88	0.12	U
74-87-3	Chloromethane	ND	3.5	0.82	U
74-83-9	Bromomethane	ND	1.8	0.51	U
75-01-4	Vinyl chloride	ND	0.88	0.30	U
75-00-3	Chloroethane	ND	1.8	0.40	U
75-35-4	1,1-Dichloroethene	ND	0.88	0.21	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B17
 Sample Amount : 7.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 16:27
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 80
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	ND	0.44	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	ND	1.8	0.49	U
95-47-6	o-Xylene	ND	0.88	0.26	U
156-59-2	cis-1,2-Dichloroethene	ND	0.88	0.15	U
100-42-5	Styrene	ND	0.88	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.8	0.81	U
67-64-1	Acetone	ND	8.8	4.2	U
75-15-0	Carbon disulfide	ND	8.8	4.0	U
78-93-3	2-Butanone	ND	8.8	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	8.8	1.1	U
591-78-6	2-Hexanone	ND	8.8	1.0	U
106-93-4	1,2-Dibromoethane	ND	0.88	0.25	U
104-51-8	n-Butylbenzene	ND	0.88	0.15	U
135-98-8	sec-Butylbenzene	ND	0.88	0.13	U
98-06-6	tert-Butylbenzene	ND	1.8	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.88	U
98-82-8	Isopropylbenzene	ND	0.88	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.88	0.10	U
91-20-3	Naphthalene	ND	3.5	0.57	U
103-65-1	n-Propylbenzene	ND	0.88	0.15	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-08	Date Collected : 07/29/25 10:30
Client ID : TP-111 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 16:27
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250809B17	Instrument ID : VOA111
Sample Amount : 7.1 g	GC Column : RTX-VMS
Level : LOW	%Solids : 80
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.17	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.30	U
79-20-9	Methyl Acetate	ND	3.5	0.84	U
110-82-7	Cyclohexane	ND	8.8	0.48	U
76-13-1	Freon-113	ND	3.5	0.61	U
108-87-2	Methyl cyclohexane	ND	3.5	0.53	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B18
 Sample Amount : 3.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 16:53
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 78
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	9.8	4.5	U
75-34-3	1,1-Dichloroethane	ND	2.0	0.28	U
67-66-3	Chloroform	ND	2.9	0.27	U
56-23-5	Carbon tetrachloride	ND	2.0	0.45	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.24	U
124-48-1	Dibromochloromethane	ND	2.0	0.27	U
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.52	U
127-18-4	Tetrachloroethene	ND	0.98	0.38	U
108-90-7	Chlorobenzene	ND	0.98	0.25	U
75-69-4	Trichlorofluoromethane	ND	7.8	1.4	U
107-06-2	1,2-Dichloroethane	ND	2.0	0.50	U
71-55-6	1,1,1-Trichloroethane	ND	0.98	0.33	U
75-27-4	Bromodichloromethane	ND	0.98	0.21	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.54	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.98	0.31	U
75-25-2	Bromoform	ND	7.8	0.48	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.98	0.32	U
71-43-2	Benzene	ND	0.98	0.32	U
108-88-3	Toluene	ND	2.0	1.1	U
100-41-4	Ethylbenzene	ND	2.0	0.28	U
74-87-3	Chloromethane	ND	7.8	1.8	U
74-83-9	Bromomethane	ND	3.9	1.1	U
75-01-4	Vinyl chloride	ND	2.0	0.66	U
75-00-3	Chloroethane	ND	3.9	0.89	U
75-35-4	1,1-Dichloroethene	ND	2.0	0.47	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B18
 Sample Amount : 3.3 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 16:53
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 78
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.9	0.27	U
79-01-6	Trichloroethene	ND	0.98	0.27	U
95-50-1	1,2-Dichlorobenzene	ND	3.9	0.28	U
541-73-1	1,3-Dichlorobenzene	ND	3.9	0.29	U
106-46-7	1,4-Dichlorobenzene	ND	3.9	0.34	U
1634-04-4	Methyl tert butyl ether	ND	3.9	0.39	U
179601-23-1	p/m-Xylene	ND	3.9	1.1	U
95-47-6	o-Xylene	ND	2.0	0.57	U
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.34	U
100-42-5	Styrene	ND	2.0	0.38	U
75-71-8	Dichlorodifluoromethane	ND	20	1.8	U
67-64-1	Acetone	ND	20	9.4	U
75-15-0	Carbon disulfide	ND	20	8.9	U
78-93-3	2-Butanone	ND	20	4.4	U
108-10-1	4-Methyl-2-pentanone	ND	20	2.5	U
591-78-6	2-Hexanone	ND	20	2.3	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.55	U
104-51-8	n-Butylbenzene	ND	2.0	0.33	U
135-98-8	sec-Butylbenzene	ND	2.0	0.29	U
98-06-6	tert-Butylbenzene	ND	3.9	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	2.0	U
98-82-8	Isopropylbenzene	ND	2.0	0.21	U
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	U
91-20-3	Naphthalene	ND	7.8	1.3	U
103-65-1	n-Propylbenzene	ND	2.0	0.34	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-11	Date Collected : 07/29/25 09:45
Client ID : TP-114 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 16:53
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250809B18	Instrument ID : VOA111
Sample Amount : 3.3 g	GC Column : RTX-VMS
Level : LOW	%Solids : 78
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.9	0.53	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.9	0.38	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.9	0.66	U
79-20-9	Methyl Acetate	ND	7.8	1.9	U
110-82-7	Cyclohexane	ND	20	1.1	U
76-13-1	Freon-113	ND	7.8	1.4	U
108-87-2	Methyl cyclohexane	ND	7.8	1.2	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B19
 Sample Amount : 4.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 17:20
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 84
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	6.0	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U
127-18-4	Tetrachloroethene	ND	0.60	0.24	U
108-90-7	Chlorobenzene	ND	0.60	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.8	0.84	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.60	0.20	U
75-27-4	Bromodichloromethane	ND	0.60	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.60	0.19	U
75-25-2	Bromoform	ND	4.8	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.60	0.20	U
71-43-2	Benzene	ND	0.60	0.20	U
108-88-3	Toluene	ND	1.2	0.66	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.8	1.1	U
74-83-9	Bromomethane	ND	2.4	0.70	U
75-01-4	Vinyl chloride	ND	1.2	0.40	U
75-00-3	Chloroethane	ND	2.4	0.55	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.29	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B19
 Sample Amount : 4.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 17:20
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 84
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U
79-01-6	Trichloroethene	ND	0.60	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.68	U
95-47-6	o-Xylene	ND	1.2	0.35	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	5.8	U
75-15-0	Carbon disulfide	ND	12	5.5	U
78-93-3	2-Butanone	ND	12	2.7	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U
104-51-8	n-Butylbenzene	ND	1.2	0.20	U
135-98-8	sec-Butylbenzene	ND	1.2	0.18	U
98-06-6	tert-Butylbenzene	ND	2.4	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	ND	4.8	0.79	U
103-65-1	n-Propylbenzene	ND	1.2	0.21	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-12	Date Collected : 07/29/25 09:55
Client ID : TP-114 NATIVE	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 17:20
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250809B19	Instrument ID : VOA111
Sample Amount : 4.9 g	GC Column : RTX-VMS
Level : LOW	%Solids : 84
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.33	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.23	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.40	U
79-20-9	Methyl Acetate	ND	4.8	1.2	U
110-82-7	Cyclohexane	ND	12	0.66	U
76-13-1	Freon-113	ND	4.8	0.84	U
108-87-2	Methyl cyclohexane	ND	4.8	0.73	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B20
 Sample Amount : 4.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 17:45
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 83
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	7.4	3.4	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.21	U
67-66-3	Chloroform	ND	2.2	0.21	U
56-23-5	Carbon tetrachloride	ND	1.5	0.34	U
78-87-5	1,2-Dichloropropane	ND	1.5	0.18	U
124-48-1	Dibromochloromethane	ND	1.5	0.21	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.40	U
127-18-4	Tetrachloroethene	ND	0.74	0.29	U
108-90-7	Chlorobenzene	ND	0.74	0.19	U
75-69-4	Trichlorofluoromethane	ND	5.9	1.0	U
107-06-2	1,2-Dichloroethane	ND	1.5	0.38	U
71-55-6	1,1,1-Trichloroethane	ND	0.74	0.25	U
75-27-4	Bromodichloromethane	ND	0.74	0.16	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.40	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.74	0.23	U
75-25-2	Bromoform	ND	5.9	0.36	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.74	0.25	U
71-43-2	Benzene	ND	0.74	0.25	U
108-88-3	Toluene	ND	1.5	0.80	U
100-41-4	Ethylbenzene	ND	1.5	0.21	U
74-87-3	Chloromethane	ND	5.9	1.4	U
74-83-9	Bromomethane	ND	3.0	0.86	U
75-01-4	Vinyl chloride	ND	1.5	0.50	U
75-00-3	Chloroethane	ND	3.0	0.67	U
75-35-4	1,1-Dichloroethene	ND	1.5	0.35	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B20
 Sample Amount : 4.1 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 17:45
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 83
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	0.20	U
79-01-6	Trichloroethene	ND	0.74	0.20	U
95-50-1	1,2-Dichlorobenzene	ND	3.0	0.21	U
541-73-1	1,3-Dichlorobenzene	ND	3.0	0.22	U
106-46-7	1,4-Dichlorobenzene	ND	3.0	0.25	U
1634-04-4	Methyl tert butyl ether	ND	3.0	0.30	U
179601-23-1	p/m-Xylene	ND	3.0	0.83	U
95-47-6	o-Xylene	ND	1.5	0.43	U
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.26	U
100-42-5	Styrene	ND	1.5	0.29	U
75-71-8	Dichlorodifluoromethane	ND	15	1.4	U
67-64-1	Acetone	ND	15	7.1	U
75-15-0	Carbon disulfide	ND	15	6.7	U
78-93-3	2-Butanone	ND	15	3.3	U
108-10-1	4-Methyl-2-pentanone	ND	15	1.9	U
591-78-6	2-Hexanone	ND	15	1.7	U
106-93-4	1,2-Dibromoethane	ND	1.5	0.41	U
104-51-8	n-Butylbenzene	ND	1.5	0.25	U
135-98-8	sec-Butylbenzene	ND	1.5	0.22	U
98-06-6	tert-Butylbenzene	ND	3.0	0.17	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.4	1.5	U
98-82-8	Isopropylbenzene	ND	1.5	0.16	U
99-87-6	p-Isopropyltoluene	ND	1.5	0.16	U
91-20-3	Naphthalene	ND	5.9	0.96	U
103-65-1	n-Propylbenzene	ND	1.5	0.25	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-13	Date Collected : 07/29/25 08:45
Client ID : TP-115 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 17:45
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250809B20	Instrument ID : VOA111
Sample Amount : 4.1 g	GC Column : RTX-VMS
Level : LOW	%Solids : 83
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.0	0.40	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.0	0.29	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.0	0.50	U
79-20-9	Methyl Acetate	ND	5.9	1.4	U
110-82-7	Cyclohexane	ND	15	0.81	U
76-13-1	Freon-113	ND	5.9	1.0	U
108-87-2	Methyl cyclohexane	ND	5.9	0.89	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B21
 Sample Amount : 5.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 18:10
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 86
 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	0.15	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	0.13	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	0.28	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	0.55	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.94	U
74-83-9	Bromomethane	ND	2.0	0.59	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B21
 Sample Amount : 5.8 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 18:10
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 86
 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	4.9	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
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.66	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-14	Date Collected	: 07/29/25 08:50
Client ID	: TP-115 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/09/25 18:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11250809B21	Instrument ID	: VOA111
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U
79-20-9	Methyl Acetate	ND	4.0	0.96	U
110-82-7	Cyclohexane	ND	10	0.55	U
76-13-1	Freon-113	ND	4.0	0.70	U
108-87-2	Methyl cyclohexane	ND	4.0	0.61	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250810C06
 Sample Amount : 3.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/10/25 15:37
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 76
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	8.5	3.9	U
75-34-3	1,1-Dichloroethane	ND	1.7	0.24	U
67-66-3	Chloroform	ND	2.5	0.24	U
56-23-5	Carbon tetrachloride	ND	1.7	0.39	U
78-87-5	1,2-Dichloropropane	ND	1.7	0.21	U
124-48-1	Dibromochloromethane	ND	1.7	0.24	U
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.45	U
127-18-4	Tetrachloroethene	ND	0.85	0.33	U
108-90-7	Chlorobenzene	ND	0.85	0.22	U
75-69-4	Trichlorofluoromethane	ND	6.8	1.2	U
107-06-2	1,2-Dichloroethane	ND	1.7	0.44	U
71-55-6	1,1,1-Trichloroethane	ND	0.85	0.28	U
75-27-4	Bromodichloromethane	ND	0.85	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.46	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.85	0.27	U
75-25-2	Bromoform	ND	6.8	0.42	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.85	0.28	U
71-43-2	Benzene	ND	0.85	0.28	U
108-88-3	Toluene	ND	1.7	0.92	U
100-41-4	Ethylbenzene	ND	1.7	0.24	U
74-87-3	Chloromethane	ND	6.8	1.6	U
74-83-9	Bromomethane	ND	3.4	0.98	U
75-01-4	Vinyl chloride	ND	1.7	0.57	U
75-00-3	Chloroethane	ND	3.4	0.77	U
75-35-4	1,1-Dichloroethene	ND	1.7	0.40	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250810C06
 Sample Amount : 3.9 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/10/25 15:37
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 76
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.23	U
79-01-6	Trichloroethene	ND	0.85	0.23	U
95-50-1	1,2-Dichlorobenzene	ND	3.4	0.24	U
541-73-1	1,3-Dichlorobenzene	ND	3.4	0.25	U
106-46-7	1,4-Dichlorobenzene	ND	3.4	0.29	U
1634-04-4	Methyl tert butyl ether	ND	3.4	0.34	U
179601-23-1	p/m-Xylene	ND	3.4	0.95	U
95-47-6	o-Xylene	ND	1.7	0.49	U
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.30	U
100-42-5	Styrene	ND	1.7	0.33	U
75-71-8	Dichlorodifluoromethane	ND	17	1.6	U
67-64-1	Acetone	ND	17	8.2	U
75-15-0	Carbon disulfide	ND	17	7.7	U
78-93-3	2-Butanone	ND	17	3.8	U
108-10-1	4-Methyl-2-pentanone	ND	17	2.2	U
591-78-6	2-Hexanone	ND	17	2.0	U
106-93-4	1,2-Dibromoethane	ND	1.7	0.47	U
104-51-8	n-Butylbenzene	ND	1.7	0.28	U
135-98-8	sec-Butylbenzene	ND	1.7	0.25	U
98-06-6	tert-Butylbenzene	ND	3.4	0.20	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	1.7	U
98-82-8	Isopropylbenzene	ND	1.7	0.18	U
99-87-6	p-Isopropyltoluene	ND	1.7	0.18	U
91-20-3	Naphthalene	ND	6.8	1.1	U
103-65-1	n-Propylbenzene	ND	1.7	0.29	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-15	Date Collected : 07/29/25 13:40
Client ID : TP-105 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/10/25 15:37
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250810C06	Instrument ID : VOA111
Sample Amount : 3.9 g	GC Column : RTX-VMS
Level : LOW	%Solids : 76
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.4	0.46	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.4	0.33	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.4	0.57	U
79-20-9	Methyl Acetate	ND	6.8	1.6	U
110-82-7	Cyclohexane	ND	17	0.92	U
76-13-1	Freon-113	ND	6.8	1.2	U
108-87-2	Methyl cyclohexane	ND	6.8	1.0	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B23
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 19:00
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.1	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.51	0.20	U
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	ND	1.0	0.56	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.1	0.95	U
74-83-9	Bromomethane	ND	2.0	0.59	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250809B23
 Sample Amount : 5.5 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 19:00
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 89
 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	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	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	0.57	U
95-47-6	o-Xylene	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.94	U
67-64-1	Acetone	ND	10	4.9	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.1	0.66	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-16	Date Collected : 07/29/25 13:50
Client ID : TP-105 NATIVE	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 19:00
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250809B23	Instrument ID : VOA111
Sample Amount : 5.5 g	GC Column : RTX-VMS
Level : LOW	%Solids : 89
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U
79-20-9	Methyl Acetate	ND	4.1	0.97	U
110-82-7	Cyclohexane	ND	10	0.56	U
76-13-1	Freon-113	ND	4.1	0.71	U
108-87-2	Methyl cyclohexane	ND	4.1	0.62	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250810C07
 Sample Amount : 4.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/10/25 16:04
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 75
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	8.3	3.8	U
75-34-3	1,1-Dichloroethane	ND	1.6	0.24	U
67-66-3	Chloroform	ND	2.5	0.23	U
56-23-5	Carbon tetrachloride	ND	1.6	0.38	U
78-87-5	1,2-Dichloropropane	ND	1.6	0.21	U
124-48-1	Dibromochloromethane	ND	1.6	0.23	U
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.44	U
127-18-4	Tetrachloroethene	ND	0.83	0.32	U
108-90-7	Chlorobenzene	ND	0.83	0.21	U
75-69-4	Trichlorofluoromethane	ND	6.6	1.2	U
107-06-2	1,2-Dichloroethane	ND	1.6	0.42	U
71-55-6	1,1,1-Trichloroethane	ND	0.83	0.28	U
75-27-4	Bromodichloromethane	ND	0.83	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.45	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.83	0.26	U
75-25-2	Bromoform	ND	6.6	0.41	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.83	0.27	U
71-43-2	Benzene	ND	0.83	0.27	U
108-88-3	Toluene	ND	1.6	0.90	U
100-41-4	Ethylbenzene	ND	1.6	0.23	U
74-87-3	Chloromethane	ND	6.6	1.5	U
74-83-9	Bromomethane	ND	3.3	0.96	U
75-01-4	Vinyl chloride	ND	1.6	0.55	U
75-00-3	Chloroethane	ND	3.3	0.75	U
75-35-4	1,1-Dichloroethene	ND	1.6	0.39	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250810C07
 Sample Amount : 4.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/10/25 16:04
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 75
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.23	U
79-01-6	Trichloroethene	ND	0.83	0.23	U
95-50-1	1,2-Dichlorobenzene	ND	3.3	0.24	U
541-73-1	1,3-Dichlorobenzene	ND	3.3	0.24	U
106-46-7	1,4-Dichlorobenzene	ND	3.3	0.28	U
1634-04-4	Methyl tert butyl ether	ND	3.3	0.33	U
179601-23-1	p/m-Xylene	ND	3.3	0.93	U
95-47-6	o-Xylene	ND	1.6	0.48	U
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.29	U
100-42-5	Styrene	ND	1.6	0.32	U
75-71-8	Dichlorodifluoromethane	ND	16	1.5	U
67-64-1	Acetone	ND	16	8.0	U
75-15-0	Carbon disulfide	ND	16	7.5	U
78-93-3	2-Butanone	ND	16	3.7	U
108-10-1	4-Methyl-2-pentanone	ND	16	2.1	U
591-78-6	2-Hexanone	ND	16	2.0	U
106-93-4	1,2-Dibromoethane	ND	1.6	0.46	U
104-51-8	n-Butylbenzene	ND	1.6	0.28	U
135-98-8	sec-Butylbenzene	ND	1.6	0.24	U
98-06-6	tert-Butylbenzene	ND	3.3	0.20	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.6	U
98-82-8	Isopropylbenzene	ND	1.6	0.18	U
99-87-6	p-Isopropyltoluene	ND	1.6	0.18	U
91-20-3	Naphthalene	ND	6.6	1.1	U
103-65-1	n-Propylbenzene	ND	1.6	0.28	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-17	Date Collected	: 07/29/25 00:00
Client ID	: DUP-02	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/10/25 16:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11250810C07	Instrument ID	: VOA111
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.3	0.45	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.3	0.32	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.3	0.55	U
79-20-9	Methyl Acetate	ND	6.6	1.6	U
110-82-7	Cyclohexane	ND	16	0.90	U
76-13-1	Freon-113	ND	6.6	1.1	U
108-87-2	Methyl cyclohexane	ND	6.6	1.0	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101609-5
 Client ID : WG2101609-5BLANK
 Sample Location :
 Sample Matrix : SOLID
 Analytical Method : 1,8260D
 Lab File ID : V11250809B05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/09/25 11:19
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101609-5
 Client ID : WG2101609-5BLANK
 Sample Location :
 Sample Matrix : SOLID
 Analytical Method : 1,8260D
 Lab File ID : V11250809B05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/09/25 11:19
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 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
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101609-5
 Client ID : WG2101609-5BLANK
 Sample Location :
 Sample Matrix : SOLID
 Analytical Method : 1,8260D
 Lab File ID : V11250809B05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/09/25 11:19
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101609-12
 Client ID : WG2101609-12BLANK
 Sample Location :
 Sample Matrix : SOLID
 Analytical Method : 1,8260D
 Lab File ID : V11250810C05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/10/25 15:11
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101609-12
 Client ID : WG2101609-12BLANK
 Sample Location :
 Sample Matrix : SOLID
 Analytical Method : 1,8260D
 Lab File ID : V11250810C05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/10/25 15:11
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 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
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101609-12
 Client ID : WG2101609-12BLANK
 Sample Location :
 Sample Matrix : SOLID
 Analytical Method : 1,8260D
 Lab File ID : V11250810C05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/10/25 15:11
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-105 FILL
 Lab Sample ID : L2547432-15
 Matrix Spike : WG2099584-4
 Matrix Spike Dup : WG2099584-5

Lab Number : L2547432
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 08/08/25 08:18
 MS Analysis Date : 08/08/25 07:36
 MSD Analysis Date : 08/08/25 07:57

Parameter	Sample Conc. (ug/kg)	Matrix Spike Sample			%R	Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Added (ug/kg)	Spike Conc. (ug/kg)			Added (ug/kg)	Spike Conc. (ug/kg)				
Acenaphthene	870	1750	1400	30	Q	1750	1100	13	Q	24	31-137 50
Hexachlorobenzene	ND	1750	930	53		1750	830	48	11	40-140	50
Bis(2-chloroethyl)ether	ND	1750	1100	63		1750	930	53	17	40-140	50
2-Chloronaphthalene	24J	1750	1000	57		1750	880	50	13	40-140	50
3,3'-Dichlorobenzidine	ND	1750	ND	0	Q	1750	ND	0	Q	NC	40-140 50
2,4-Dinitrotoluene	ND	1750	1100	63		1750	900	52	20	40-132	50
2,6-Dinitrotoluene	ND	1750	1100	63		1750	940	54	16	40-140	50
Fluoranthene	6000	1750	4400	0	Q	1750	3600	0	Q	20	40-140 50
4-Chlorophenyl phenyl ether	ND	1750	920	52		1750	810	46	13	40-140	50
4-Bromophenyl phenyl ether	ND	1750	950	54		1750	840	48	12	40-140	50
Bis(2-chloroisopropyl)ether	ND	1750	1300	74		1750	1100	63	17	40-140	50
Bis(2-chloroethoxy)methane	ND	1750	1100	63		1750	960	55	14	40-117	50
Hexachlorobutadiene	ND	1750	1000	57		1750	860	49	15	40-140	50
Hexachlorocyclopentadiene	ND	1750	220J	13	Q	1750	ND	0	Q	NC	40-140 50
Hexachloroethane	ND	1750	840	48		1750	720	41	15	40-140	50
Isophorone	ND	1750	1100	63		1750	960	55	14	40-140	50
Naphthalene	960	1750	1500	31	Q	1750	1200	14	Q	22	40-140 50
Nitrobenzene	ND	1750	1100	63		1750	960	55	14	40-140	50
NDPA/DPA	ND	1750	960	55		1750	860	49	11	36-157	50
n-Nitrosodi-n-propylamine	ND	1750	1100	63		1750	950	54	15	32-121	50
Bis(2-ethylhexyl)phthalate	ND	1750	1000	57		1750	930	53	7	40-140	50
Butyl benzyl phthalate	ND	1750	860	49		1750	800	46	7	40-140	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-105 FILL
 Lab Sample ID : L2547432-15
 Matrix Spike : WG2099584-4
 Matrix Spike Dup : WG2099584-5

Lab Number : L2547432
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 08/08/25 08:18
 MS Analysis Date : 08/08/25 07:36
 MSD Analysis Date : 08/08/25 07:57

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	1750	1000	57		1750	940	54	6	40-140	50	
Di-n-octylphthalate	ND	1750	1100	63		1750	950	54	15	40-140	50	
Diethyl phthalate	ND	1750	1000	57		1750	910	52	9	40-140	50	
Dimethyl phthalate	ND	1750	1000	57		1750	900	52	11	40-140	50	
Benzo(a)anthracene	3500	1750	3100	0	Q	1750	2400	0	Q	25	40-140	50
Benzo(a)pyrene	3200	1750	3000	0	Q	1750	2300	0	Q	26	40-140	50
Benzo(b)fluoranthene	4400	1750	3900	0	Q	1750	2900	0	Q	29	40-140	50
Benzo(k)fluoranthene	1100	1750	1500	23	Q	1750	1200	6	Q	22	40-140	50
Chrysene	3100	1750	2800	0	Q	1750	2300	0	Q	20	40-140	50
Acenaphthylene	140J	1750	1100	63		1750	960	55	14	40-140	50	
Anthracene	1600	1750	1800	11	Q	1750	1400	0	Q	25	40-140	50
Benzo(ghi)perylene	1600	1750	2000	23	Q	1750	1600	0	Q	22	40-140	50
Fluorene	800	1750	1300	29	Q	1750	1100	17	Q	17	40-140	50
Phenanthrene	5900	1750	4100	0	Q	1750	3200	0	Q	25	40-140	50
Dibenzo(a,h)anthracene	440	1750	1100	38	Q	1750	940	29	Q	16	40-140	50
Indeno(1,2,3-cd)pyrene	1800	1750	2200	23	Q	1750	1700	0	Q	26	40-140	50
Pyrene	4800	1750	3700	0	Q	1750	3100	0	Q	18	35-142	50
Biphenyl	95J	1750	1100	63		1750	910	52	19	37-127	50	
4-Chloroaniline	ND	1750	400	23	Q	1750	370	21	Q	8	40-140	50
2-Nitroaniline	ND	1750	1300	74		1750	1200	69	8	47-134	50	
3-Nitroaniline	ND	1750	390	22	Q	1750	460	26	16	26-129	50	
4-Nitroaniline	ND	1750	240	14	Q	1750	360	21	Q	40	41-125	50



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-105 FILL
 Lab Sample ID : L2547432-15
 Matrix Spike : WG2099584-4
 Matrix Spike Dup : WG2099584-5

Lab Number : L2547432
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 08/08/25 08:18
 MS Analysis Date : 08/08/25 07:36
 MSD Analysis Date : 08/08/25 07:57

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)	%R				
Dibenzofuran	550	1750	1200	37	Q	1750	1000	26	Q	18	40-140	50
2-Methylnaphthalene	520	1750	1400	50		1750	1100	33	Q	24	40-140	50
1,2,4,5-Tetrachlorobenzene	ND	1750	1000	57		1750	910	52		9	40-117	50
Acetophenone	35J	1750	1200	68		1750	1000	57		18	14-144	50
2,4,6-Trichlorophenol	ND	1750	1200	68		1750	1100	63		9	30-130	50
p-Chloro-m-cresol	ND	1750	1000	57		1750	900	52		11	26-103	50
2-Chlorophenol	ND	1750	1100	63		1750	950	54		15	25-102	50
2,4-Dichlorophenol	ND	1750	1100	63		1750	980	56		12	30-130	50
2,4-Dimethylphenol	ND	1750	890	51		1750	760	43		16	30-130	50
2-Nitrophenol	ND	1750	1300	74		1750	1100	63		17	30-130	50
4-Nitrophenol	ND	1750	820	47		1750	710	41		14	11-114	50
2,4-Dinitrophenol	ND	1750	ND	0	Q	1750	ND	0	Q	NC	4-130	50
4,6-Dinitro-o-cresol	ND	1750	150J	9	Q	1750	130J	7	Q	14	10-130	50
Pentachlorophenol	ND	1750	850	48		1750	750	43		13	17-109	50
Phenol	ND	1750	930	53		1750	800	46		15	26-90	50
2-Methylphenol	ND	1750	970	55		1750	840	48		14	30-130	50
3-Methylphenol/4-Methylphenol	74J	1750	1000	57		1750	920	53		8	30-130	50
2,4,5-Trichlorophenol	ND	1750	1100	63		1750	1000	57		10	30-130	50
Carbazole	800	1750	1300	29	Q	1750	1200	23	Q	8	54-128	50
Atrazine	ND	1750	1200	68		1750	1100	63		9	40-140	50
Benzaldehyde	110J	1750	1200	68		1750	1000	57		18	40-140	50
Caprolactam	ND	1750	1200	68		1750	1000	57		18	15-130	50



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-01
 Sample Amount : 30.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 17:19
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MINDY
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	180	140	19.	
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	3900	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	520	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	24.	U
91-20-3	Naphthalene	280	180	22.	
98-95-3	Nitrobenzene	ND	160	27.	U
86-30-6	NDPA/DPA	ND	140	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	63.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-01
 Sample Amount : 30.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 17:19
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MINDY
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	62.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	3000	110	20.	
50-32-8	Benzo(a)pyrene	3000	140	44.	
205-99-2	Benzo(b)fluoranthene	4000	110	31.	
207-08-9	Benzo(k)fluoranthene	1000	110	29.	
218-01-9	Chrysene	2400	110	19.	
208-96-8	Acenaphthylene	1000	140	28.	
120-12-7	Anthracene	960	110	36.	
191-24-2	Benzo(ghi)perylene	1800	140	21.	
86-73-7	Fluorene	250	180	18.	
85-01-8	Phenanthrene	1900	110	22.	
53-70-3	Dibenzo(a,h)anthracene	500	110	21.	
193-39-5	Indeno(1,2,3-cd)pyrene	2000	140	25.	
129-00-0	Pyrene	3400	110	18.	
92-52-4	Biphenyl	33	420	24.	J
106-47-8	4-Chloroaniline	ND	180	33.	U
88-74-4	2-Nitroaniline	ND	180	35.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	75.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-01
 Sample Amount : 30.72 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 17:19
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MINDY
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	140	180	17.	J
91-57-6	2-Methylnaphthalene	160	220	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	60.	U
88-75-5	2-Nitrophenol	ND	390	68.	U
100-02-7	4-Nitrophenol	ND	260	74.	U
51-28-5	2,4-Dinitrophenol	ND	870	85.	U
534-52-1	4,6-Dinitro-o-cresol	ND	470	87.	U
87-86-5	Pentachlorophenol	ND	140	40.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	45	260	28.	J
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	210	180	18.	
1912-24-9	Atrazine	ND	140	64.	U
100-52-7	Benzaldehyde	ND	240	49.	U
105-60-2	Caprolactam	ND	180	55.	U



Results Summary
Form 1
Semivolatile Organics by GC/MS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2547432-01
Client ID : TP-101 FILL
Sample Location : 160 CENTER STREET, CANASTOTA, NY
Sample Matrix : SOIL
Analytical Method : 1,8270E
Lab File ID : 47432-01
Sample Amount : 30.72 g
Extraction Method : EPA 3546
Extract Volume : 1000 uL
GPC Cleanup : N

Lab Number : L2547432
Project Number : W96.013.001
Date Collected : 07/29/25 14:20
Date Received : 07/29/25
Date Analyzed : 08/07/25 17:19
Date Extracted : 08/06/25
Dilution Factor : 1
Analyst : JG
Instrument ID : MINDY
GC Column : RTX5-MS
%Solids : 89
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U
123-91-1	1,4-Dioxane	ND	27	8.4	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-02
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 17:41
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MINDY
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	520	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	33	210	25.	J
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-02
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 17:41
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MINDY
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	340	120	24.	
50-32-8	Benzo(a)pyrene	310	170	51.	
205-99-2	Benzo(b)fluoranthene	390	120	35.	
207-08-9	Benzo(k)fluoranthene	130	120	33.	
218-01-9	Chrysene	300	120	22.	
208-96-8	Acenaphthylene	120	170	32.	J
120-12-7	Anthracene	94	120	41.	J
191-24-2	Benzo(ghi)perylene	170	170	24.	
86-73-7	Fluorene	26	210	20.	J
85-01-8	Phenanthrene	200	120	25.	
53-70-3	Dibenzo(a,h)anthracene	51	120	24.	J
193-39-5	Indeno(1,2,3-cd)pyrene	180	170	29.	
129-00-0	Pyrene	450	120	21.	
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-02
 Sample Amount : 30.51 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 17:41
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : MINDY
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	280	56.	U
105-60-2	Caprolactam	ND	210	64.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-02	Date Collected : 07/29/25 14:30
Client ID : TP-101 NATIVE	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/07/25 17:41
Sample Matrix : SOIL	Date Extracted : 08/06/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47432-02	Analyst : JG
Sample Amount : 30.51 g	Instrument ID : MINDY
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 78
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	31	9.6	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-03
 Client ID : TP-107 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-03
 Sample Amount : 30.4 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 03:46
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	160	21.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	460	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	40	200	24.	J
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	69.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-03
 Client ID : TP-107 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-03
 Sample Amount : 30.4 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 03:46
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	260	120	22.	
50-32-8	Benzo(a)pyrene	260	160	48.	
205-99-2	Benzo(b)fluoranthene	360	120	33.	
207-08-9	Benzo(k)fluoranthene	110	120	32.	J
218-01-9	Chrysene	290	120	21.	
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	40	120	39.	J
191-24-2	Benzo(ghi)perylene	160	160	23.	
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	250	120	24.	
53-70-3	Dibenzo(a,h)anthracene	44	120	23.	J
193-39-5	Indeno(1,2,3-cd)pyrene	170	160	28.	
129-00-0	Pyrene	390	120	20.	
92-52-4	Biphenyl	ND	450	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	82.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-03
 Client ID : TP-107 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-03
 Sample Amount : 30.4 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 03:46
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	23	200	19.	J
91-57-6	2-Methylnaphthalene	69	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	75.	U
100-02-7	4-Nitrophenol	ND	280	81.	U
51-28-5	2,4-Dinitrophenol	ND	950	93.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	95.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	40	200	19.	J
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	60.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-03	Date Collected	: 07/29/25 14:05
Client ID	: TP-107 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 03:46
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47432-03	Analyst	: IMK
Sample Amount	: 30.4 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-04
 Client ID : TP-108 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-04
 Sample Amount : 30.35 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:20
 Date Received : 07/29/25
 Date Analyzed : 08/11/25 18:23
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	370	160	21.	
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	55.	U
121-14-2	2,4-Dinitrotoluene	ND	210	41.	U
606-20-2	2,6-Dinitrotoluene	ND	210	35.	U
206-44-0	Fluoranthene	4600	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	590	190	U
67-72-1	Hexachloroethane	ND	160	33.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	510	210	25.	
98-95-3	Nitrobenzene	ND	190	30.	U
86-30-6	NDPA/DPA	ND	160	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	52.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-04
 Client ID : TP-108 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-04
 Sample Amount : 30.35 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:20
 Date Received : 07/29/25
 Date Analyzed : 08/11/25 18:23
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	210	39.	U
117-84-0	Di-n-octylphthalate	ND	210	70.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	43.	U
56-55-3	Benzo(a)anthracene	2800	120	23.	
50-32-8	Benzo(a)pyrene	2400	160	50.	
205-99-2	Benzo(b)fluoranthene	3000	120	35.	
207-08-9	Benzo(k)fluoranthene	1200	120	33.	
218-01-9	Chrysene	2800	120	21.	
208-96-8	Acenaphthylene	530	160	32.	
120-12-7	Anthracene	1000	120	40.	
191-24-2	Benzo(ghi)perylene	1500	160	24.	
86-73-7	Fluorene	400	210	20.	
85-01-8	Phenanthrene	3900	120	25.	
53-70-3	Dibenzo(a,h)anthracene	400	120	24.	
193-39-5	Indeno(1,2,3-cd)pyrene	1500	160	29.	
129-00-0	Pyrene	250	120	20.	
92-52-4	Biphenyl	71	470	27.	J
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-04
 Client ID : TP-108 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-04
 Sample Amount : 30.35 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:20
 Date Received : 07/29/25
 Date Analyzed : 08/11/25 18:23
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	310	210	20.	
91-57-6	2-Methylnaphthalene	430	250	25.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	51	210	26.	J
88-06-2	2,4,6-Trichlorophenol	ND	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	24.	U
120-83-2	2,4-Dichlorophenol	ND	190	33.	U
105-67-9	2,4-Dimethylphenol	ND	210	68.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	84.	U
51-28-5	2,4-Dinitrophenol	ND	990	96.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	99.	U
87-86-5	Pentachlorophenol	ND	160	45.	U
108-95-2	Phenol	ND	210	31.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	40	300	32.	J
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	460	210	20.	
1912-24-9	Atrazine	ND	160	72.	U
100-52-7	Benzaldehyde	180	270	56.	J
105-60-2	Caprolactam	ND	210	63.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-04	Date Collected : 07/29/25 11:20
Client ID : TP-108 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/11/25 18:23
Sample Matrix : SOIL	Date Extracted : 08/06/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47432-04	Analyst : SMZ
Sample Amount : 30.35 g	Instrument ID : MORK
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 80
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	31	9.5	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-05
 Client ID : TP-108 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-05
 Sample Amount : 30.59 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:01
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	110	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-05
 Client ID : TP-108 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-05
 Sample Amount : 30.59 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:01
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	ND	110	32.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	20.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	37.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	19.	U
92-52-4	Biphenyl	ND	430	25.	U
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	79.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-05
 Client ID : TP-108 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-05
 Sample Amount : 30.59 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:01
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	63.	U
88-75-5	2-Nitrophenol	ND	410	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	910	89.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	91.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	ND	250	51.	U
105-60-2	Caprolactam	ND	190	58.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-05	Date Collected	: 07/29/25 11:30
Client ID	: TP-108 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 02:01
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47432-05	Analyst	: IMK
Sample Amount	: 30.59 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.8	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-06
 Client ID : TP-110 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-06
 Sample Amount : 30.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:00
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 06:12
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 91
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	95	140	18.	J
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	3500	110	20.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	510	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	170	180	22.	J
98-95-3	Nitrobenzene	ND	160	26.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U
85-68-7	Butyl benzyl phthalate	ND	180	45.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-06
 Client ID : TP-110 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-06
 Sample Amount : 30.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:00
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 06:12
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 91
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	61.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	37.	U
56-55-3	Benzo(a)anthracene	2000	110	20.	
50-32-8	Benzo(a)pyrene	2000	140	44.	
205-99-2	Benzo(b)fluoranthene	2600	110	30.	
207-08-9	Benzo(k)fluoranthene	790	110	28.	
218-01-9	Chrysene	1700	110	18.	
208-96-8	Acenaphthylene	120	140	28.	J
120-12-7	Anthracene	510	110	35.	
191-24-2	Benzo(ghi)perylene	1200	140	21.	
86-73-7	Fluorene	120	180	17.	J
85-01-8	Phenanthrene	1500	110	22.	
53-70-3	Dibenzo(a,h)anthracene	260	110	21.	
193-39-5	Indeno(1,2,3-cd)pyrene	1300	140	25.	
129-00-0	Pyrene	3000	110	18.	
92-52-4	Biphenyl	ND	410	23.	U
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	74.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-06
 Client ID : TP-110 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-06
 Sample Amount : 30.84 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:00
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 06:12
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 91
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	93	180	17.	J
91-57-6	2-Methylnaphthalene	100	210	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	59.	U
88-75-5	2-Nitrophenol	ND	380	67.	U
100-02-7	4-Nitrophenol	ND	250	73.	U
51-28-5	2,4-Dinitrophenol	ND	860	83.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	86.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U
86-74-8	Carbazole	60	180	17.	J
1912-24-9	Atrazine	ND	140	62.	U
100-52-7	Benzaldehyde	ND	240	48.	U
105-60-2	Caprolactam	ND	180	54.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-06	Date Collected	: 07/29/25 11:00
Client ID	: TP-110 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 06:12
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47432-06	Analyst	: IMK
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	36.	U
123-91-1	1,4-Dioxane	ND	27	8.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-07
 Client ID : TP-110 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-07
 Sample Amount : 30.7 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:22
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-07
 Client ID : TP-110 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-07
 Sample Amount : 30.7 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:22
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	150	47.	U
205-99-2	Benzo(b)fluoranthene	ND	120	32.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	150	30.	U
120-12-7	Anthracene	ND	120	37.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	19.	U
85-01-8	Phenanthrene	ND	120	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	440	25.	U
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	80.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-07
 Client ID : TP-110 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-07
 Sample Amount : 30.7 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:22
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	29.	U
95-57-8	2-Chlorophenol	ND	190	23.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	63.	U
88-75-5	2-Nitrophenol	ND	410	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	920	89.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U
86-74-8	Carbazole	ND	190	19.	U
1912-24-9	Atrazine	ND	150	67.	U
100-52-7	Benzaldehyde	ND	250	52.	U
105-60-2	Caprolactam	ND	190	58.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-07	Date Collected : 07/29/25 11:05
Client ID : TP-110 NATIVE	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 02:22
Sample Matrix : SOIL	Date Extracted : 08/06/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47432-07	Analyst : IMK
Sample Amount : 30.7 g	Instrument ID : SV103
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 85
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	39.	U
123-91-1	1,4-Dioxane	ND	29	8.8	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-08
 Sample Amount : 30.21 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 10:23
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	55.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	1500	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	590	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	72	210	25.	J
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	110	210	72.	J
85-68-7	Butyl benzyl phthalate	ND	210	52.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-08
 Sample Amount : 30.21 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 10:23
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	210	39.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	750	120	23.	
50-32-8	Benzo(a)pyrene	720	170	51.	
205-99-2	Benzo(b)fluoranthene	1000	120	35.	
207-08-9	Benzo(k)fluoranthene	340	120	33.	
218-01-9	Chrysene	780	120	22.	
208-96-8	Acenaphthylene	160	170	32.	J
120-12-7	Anthracene	150	120	40.	
191-24-2	Benzo(ghi)perylene	420	170	24.	
86-73-7	Fluorene	34	210	20.	J
85-01-8	Phenanthrene	650	120	25.	
53-70-3	Dibenzo(a,h)anthracene	110	120	24.	J
193-39-5	Indeno(1,2,3-cd)pyrene	490	170	29.	
129-00-0	Pyrene	1200	120	21.	
92-52-4	Biphenyl	ND	470	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-08
 Sample Amount : 30.21 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 10:23
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	26	210	20.	J
91-57-6	2-Methylnaphthalene	29	250	25.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	24.	U
120-83-2	2,4-Dichlorophenol	ND	190	33.	U
105-67-9	2,4-Dimethylphenol	ND	210	68.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	31.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	160	210	20.	J
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	270	56.	U
105-60-2	Caprolactam	ND	210	63.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-08	Date Collected	: 07/29/25 10:30
Client ID	: TP-111 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 10:23
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47432-08	Analyst	: IMK
Sample Amount	: 30.21 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	31	9.6	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-09
 Client ID : TP-112 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-09
 Sample Amount : 30.37 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 08:39
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	870	150	20.	
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	9100	110	22.	E
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	910	190	23.	
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	85	190	66.	J
85-68-7	Butyl benzyl phthalate	ND	190	48.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-09
 Client ID : TP-112 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-09
 Sample Amount : 30.37 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 08:39
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	4400	190	36.	
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	5700	110	21.	
50-32-8	Benzo(a)pyrene	5100	150	46.	
205-99-2	Benzo(b)fluoranthene	7400	110	32.	
207-08-9	Benzo(k)fluoranthene	1800	110	30.	
218-01-9	Chrysene	5000	110	20.	
208-96-8	Acenaphthylene	580	150	29.	
120-12-7	Anthracene	2400	110	37.	
191-24-2	Benzo(ghi)perylene	2700	150	22.	
86-73-7	Fluorene	1100	190	18.	
85-01-8	Phenanthrene	8400	110	23.	E
53-70-3	Dibenzo(a,h)anthracene	720	110	22.	
193-39-5	Indeno(1,2,3-cd)pyrene	3100	150	26.	
129-00-0	Pyrene	7600	110	19.	
92-52-4	Biphenyl	120	430	25.	J
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	79.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-09
 Client ID : TP-112 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-09
 Sample Amount : 30.37 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 08:39
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	700	190	18.	
91-57-6	2-Methylnaphthalene	620	230	23.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	31	190	24.	J
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	63.	U
88-75-5	2-Nitrophenol	ND	410	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	920	89.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	31	190	30.	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	87	270	30.	J
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	1000	190	18.	
1912-24-9	Atrazine	ND	150	67.	U
100-52-7	Benzaldehyde	160	250	52.	J
105-60-2	Caprolactam	ND	190	58.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-09	Date Collected	: 07/29/25 09:05
Client ID	: TP-112 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 08:39
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47432-09	Analyst	: IMK
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	29	8.8	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-09D	Date Collected	: 07/29/25 09:05
Client ID	: TP-112 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 14:34
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 5
Lab File ID	: 432-09D1	Analyst	: IMK
Sample Amount	: 30.37 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
206-44-0	Fluoranthene	9400	570	110	
85-01-8	Phenanthrene	8300	570	120	



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-10
 Client ID : TP-112 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-10
 Sample Amount : 30.19 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:15
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:43
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	160	21.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	23.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	70.	U
85-68-7	Butyl benzyl phthalate	ND	200	51.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-10
 Client ID : TP-112 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-10
 Sample Amount : 30.19 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:15
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:43
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	ND	120	23.	U
50-32-8	Benzo(a)pyrene	ND	160	49.	U
205-99-2	Benzo(b)fluoranthene	ND	120	34.	U
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	ND	120	21.	U
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	ND	120	39.	U
191-24-2	Benzo(ghi)perylene	ND	160	24.	U
86-73-7	Fluorene	ND	200	20.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	460	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	83.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-10
 Client ID : TP-112 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-10
 Sample Amount : 30.19 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:15
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 02:43
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	76.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	960	94.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	96.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	ND	200	20.	U
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	61.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-10	Date Collected	: 07/29/25 09:15
Client ID	: TP-112 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 02:43
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47432-10	Analyst	: IMK
Sample Amount	: 30.19 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U
123-91-1	1,4-Dioxane	ND	30	9.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-11
 Sample Amount : 30.36 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 07:15
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	110	170	22.	J
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	5700	130	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	260	210	26.	
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	90	210	73.	J
85-68-7	Butyl benzyl phthalate	ND	210	53.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-11
 Sample Amount : 30.36 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 07:15
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	3000	130	24.	
50-32-8	Benzo(a)pyrene	3900	170	51.	
205-99-2	Benzo(b)fluoranthene	5600	130	35.	
207-08-9	Benzo(k)fluoranthene	1400	130	34.	
218-01-9	Chrysene	3400	130	22.	
208-96-8	Acenaphthylene	380	170	32.	
120-12-7	Anthracene	500	130	41.	
191-24-2	Benzo(ghi)perylene	2900	170	25.	
86-73-7	Fluorene	180	210	20.	J
85-01-8	Phenanthrene	3800	130	26.	
53-70-3	Dibenzo(a,h)anthracene	670	130	24.	
193-39-5	Indeno(1,2,3-cd)pyrene	3000	170	29.	
129-00-0	Pyrene	4700	130	21.	
92-52-4	Biphenyl	40	480	27.	J
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	87.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-11
 Sample Amount : 30.36 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 07:15
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	200	210	20.	J
91-57-6	2-Methylnaphthalene	160	250	25.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	79.	U
100-02-7	4-Nitrophenol	ND	290	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	98.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	32	210	32.	J
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	81	300	33.	J
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	470	210	20.	
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	120	280	57.	J
105-60-2	Caprolactam	ND	210	64.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-11	Date Collected	: 07/29/25 09:45
Client ID	: TP-114 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 07:15
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47432-11	Analyst	: IMK
Sample Amount	: 30.36 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	32	9.7	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-12
 Sample Amount : 30.22 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 00:58
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	160	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-12
 Sample Amount : 30.22 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 00:58
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	67.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	160	48.	U
205-99-2	Benzo(b)fluoranthene	ND	120	33.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	160	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	27.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	450	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	81.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-12
 Sample Amount : 30.22 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 00:58
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	20.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	420	74.	U
100-02-7	4-Nitrophenol	ND	280	80.	U
51-28-5	2,4-Dinitrophenol	ND	940	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	94.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	ND	200	19.	U
1912-24-9	Atrazine	ND	160	69.	U
100-52-7	Benzaldehyde	ND	260	53.	U
105-60-2	Caprolactam	ND	200	60.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-12	Date Collected	: 07/29/25 09:55
Client ID	: TP-114 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 00:58
Sample Matrix	: SOIL	Date Extracted	: 08/07/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47432-12	Analyst	: IMK
Sample Amount	: 30.22 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-13
 Sample Amount : 30.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 04:28
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	72	160	20.	J
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	2300	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	100	200	24.	J
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-13
 Sample Amount : 30.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 04:28
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	67.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	1200	120	22.	
50-32-8	Benzo(a)pyrene	1200	160	48.	
205-99-2	Benzo(b)fluoranthene	1500	120	33.	
207-08-9	Benzo(k)fluoranthene	450	120	32.	
218-01-9	Chrysene	1100	120	20.	
208-96-8	Acenaphthylene	140	160	30.	J
120-12-7	Anthracene	300	120	38.	
191-24-2	Benzo(ghi)perylene	680	160	23.	
86-73-7	Fluorene	100	200	19.	J
85-01-8	Phenanthrene	1400	120	24.	
53-70-3	Dibenzo(a,h)anthracene	160	120	23.	
193-39-5	Indeno(1,2,3-cd)pyrene	770	160	27.	
129-00-0	Pyrene	1900	120	20.	
92-52-4	Biphenyl	ND	450	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	82.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-13
 Sample Amount : 30.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 04:28
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	73	200	19.	J
91-57-6	2-Methylnaphthalene	68	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	20.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	420	74.	U
100-02-7	4-Nitrophenol	ND	280	80.	U
51-28-5	2,4-Dinitrophenol	ND	950	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	95.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	120	200	19.	J
1912-24-9	Atrazine	ND	160	69.	U
100-52-7	Benzaldehyde	ND	260	53.	U
105-60-2	Caprolactam	ND	200	60.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-13	Date Collected : 07/29/25 08:45
Client ID : TP-115 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 04:28
Sample Matrix : SOIL	Date Extracted : 08/07/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47432-13	Analyst : IMK
Sample Amount : 30.45 g	Instrument ID : SV103
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 83
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.1	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-14
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 01:40
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	120	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	67.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-14
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 01:40
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	150	47.	U
205-99-2	Benzo(b)fluoranthene	ND	120	32.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	150	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	150	23.	U
86-73-7	Fluorene	ND	190	19.	U
85-01-8	Phenanthrene	ND	120	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	440	25.	U
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	80.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-14
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 01:40
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	29.	U
95-57-8	2-Chlorophenol	ND	190	23.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	64.	U
88-75-5	2-Nitrophenol	ND	420	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	920	90.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U
86-74-8	Carbazole	ND	190	19.	U
1912-24-9	Atrazine	ND	150	67.	U
100-52-7	Benzaldehyde	ND	250	52.	U
105-60-2	Caprolactam	ND	190	58.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-14	Date Collected : 07/29/25 08:50
Client ID : TP-115 NATIVE	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 01:40
Sample Matrix : SOIL	Date Extracted : 08/07/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47432-14	Analyst : IMK
Sample Amount : 30.34 g	Instrument ID : SV103
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 86
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	39.	U
123-91-1	1,4-Dioxane	ND	29	8.8	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-15
 Sample Amount : 30.35 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 08:18
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 76
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	870	170	22.	
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	24	220	22.	J
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	37.	U
206-44-0	Fluoranthene	6000	130	25.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	960	220	26.	
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	170	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	75.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-15
 Sample Amount : 30.35 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 08:18
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 76
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	220	41.	U
117-84-0	Di-n-octylphthalate	ND	220	74.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	3500	130	24.	
50-32-8	Benzo(a)pyrene	3200	170	53.	
205-99-2	Benzo(b)fluoranthene	4400	130	37.	
207-08-9	Benzo(k)fluoranthene	1100	130	35.	
218-01-9	Chrysene	3100	130	23.	
208-96-8	Acenaphthylene	140	170	34.	J
120-12-7	Anthracene	1600	130	42.	
191-24-2	Benzo(ghi)perylene	1600	170	26.	
86-73-7	Fluorene	800	220	21.	
85-01-8	Phenanthrene	5900	130	26.	
53-70-3	Dibenzo(a,h)anthracene	440	130	25.	
193-39-5	Indeno(1,2,3-cd)pyrene	1800	170	30.	
129-00-0	Pyrene	4800	130	22.	
92-52-4	Biphenyl	95	500	28.	J
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	90.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-15
 Sample Amount : 30.35 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 08:18
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 76
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	550	220	21.	
91-57-6	2-Methylnaphthalene	520	260	26.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	35	220	27.	J
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	220	32.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	300	89.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	170	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	74	310	34.	J
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	800	220	21.	
1912-24-9	Atrazine	ND	170	76.	U
100-52-7	Benzaldehyde	110	290	59.	J
105-60-2	Caprolactam	ND	220	66.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-15	Date Collected : 07/29/25 13:40
Client ID : TP-105 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 08:18
Sample Matrix : SOIL	Date Extracted : 08/07/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47432-15	Analyst : IMK
Sample Amount : 30.35 g	Instrument ID : SV103
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 76
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U
123-91-1	1,4-Dioxane	ND	33	10.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-16
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 01:19
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	190	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	49.	U
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	64.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-16
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 01:19
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	190	35.	U
117-84-0	Di-n-octylphthalate	ND	190	63.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	45.	U
205-99-2	Benzo(b)fluoranthene	ND	110	31.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	420	24.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-16
 Sample Amount : 30.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 01:19
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	19.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	190	56.	U



Results Summary
Form 1
Semivolatile Organics by GC/MS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2547432-16
Client ID : TP-105 NATIVE
Sample Location : 160 CENTER STREET, CANASTOTA, NY
Sample Matrix : SOIL
Analytical Method : 1,8270E
Lab File ID : 47432-16
Sample Amount : 30.34 g
Extraction Method : EPA 3546
Extract Volume : 1000 uL
GPC Cleanup : N

Lab Number : L2547432
Project Number : W96.013.001
Date Collected : 07/29/25 13:50
Date Received : 07/29/25
Date Analyzed : 08/08/25 01:19
Date Extracted : 08/07/25
Dilution Factor : 1
Analyst : IMK
Instrument ID : SV103
GC Column : RTX5-MS
%Solids : 89
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.6	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-17
 Sample Amount : 30.33 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 10:02
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 75
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	520	180	23.	
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	4000	130	25.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	640	220	27.	
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	76.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-17
 Sample Amount : 30.33 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 10:02
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 75
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	75.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	2400	130	25.	
50-32-8	Benzo(a)pyrene	2200	180	54.	
205-99-2	Benzo(b)fluoranthene	3000	130	37.	
207-08-9	Benzo(k)fluoranthene	840	130	35.	
218-01-9	Chrysene	2200	130	23.	
208-96-8	Acenaphthylene	150	180	34.	J
120-12-7	Anthracene	1000	130	43.	
191-24-2	Benzo(ghi)perylene	1000	180	26.	
86-73-7	Fluorene	440	220	21.	
85-01-8	Phenanthrene	3500	130	27.	
53-70-3	Dibenzo(a,h)anthracene	280	130	25.	
193-39-5	Indeno(1,2,3-cd)pyrene	1200	180	31.	
129-00-0	Pyrene	3300	130	22.	
92-52-4	Biphenyl	64	500	29.	J
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	91.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47432-17
 Sample Amount : 30.33 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 10:02
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : IMK
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : 75
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	340	220	21.	
91-57-6	2-Methylnaphthalene	340	260	26.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	83.	U
100-02-7	4-Nitrophenol	ND	310	90.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	180	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	70	320	34.	J
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	490	220	21.	
1912-24-9	Atrazine	ND	180	77.	U
100-52-7	Benzaldehyde	86	290	59.	J
105-60-2	Caprolactam	ND	220	67.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-17	Date Collected : 07/29/25 00:00
Client ID : DUP-02	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 10:02
Sample Matrix : SOIL	Date Extracted : 08/07/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47432-17	Analyst : IMK
Sample Amount : 30.33 g	Instrument ID : SV103
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 75
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U
123-91-1	1,4-Dioxane	ND	33	10.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099584-1
 Client ID : WG2099584-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099584-1
 Sample Amount : 30.61 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 11:14
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : GCMS5
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	98	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	43.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	98	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	17.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	18.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	56.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099584-1
 Client ID : WG2099584-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099584-1
 Sample Amount : 30.61 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 11:14
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : GCMS5
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	98	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	98	28.	U
207-08-9	Benzo(k)fluoranthene	ND	98	26.	U
218-01-9	Chrysene	ND	98	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	98	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	98	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	98	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	98	16.	U
92-52-4	Biphenyl	ND	370	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	31.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099584-1
 Client ID : WG2099584-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099584-1
 Sample Amount : 30.61 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 11:14
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : GCMS5
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	160	15.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	98	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	350	61.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	780	76.	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	78.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	57.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099584-1
 Client ID : WG2099584-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099584-1
 Sample Amount : 30.61 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 11:14
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : GCMS5
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	24	7.5	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099908-1
 Client ID : WG2099908-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099908-1
 Sample Amount : 30.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/07/25 02:38
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV124
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	98	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	98	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099908-1
 Client ID : WG2099908-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099908-1
 Sample Amount : 30.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/07/25 02:38
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV124
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	98	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	98	28.	U
207-08-9	Benzo(k)fluoranthene	ND	98	26.	U
218-01-9	Chrysene	ND	98	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	98	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	98	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	98	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	98	16.	U
92-52-4	Biphenyl	ND	370	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099908-1
 Client ID : WG2099908-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099908-1
 Sample Amount : 30.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/07/25 02:38
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV124
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	98	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	350	62.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	790	76.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	79.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	57.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099908-1
 Client ID : WG2099908-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 099908-1
 Sample Amount : 30.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/07/25 02:38
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : JG
 Instrument ID : SV124
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	25	7.6	U



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : GCMS5
 Lab File ID : ABN0806
 Sample No : WG2099714-3
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/06/25 09:32
 Init. Calib. Date(s) : 07/31/25 08/01/25
 Init. Calib. Times : 22:15 11:59

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.3	1.244	-	4.3	20	100	0
2,6-Dinitrotoluene	0.184	0.192	-	-4.3	20	103	0
1,2-Dinitrobenzene	0.086	0.084	-	2.3	20	100	0
IS1_Acenaphthene-d10	1	1	-	0	20	110	0
3-Nitroaniline	0.335	0.324	-	3.3	20	99	0
Acenaphthene	1.159	1.04	-	10.3	20	100	0
2,4-Dinitrophenol	50	44.99	-	10	20	106	0
Dibenzofuran	1.893	1.682	-	11.1	20	99	0
2,4-Dinitrotoluene	50	39.843	-	20.3*	20	98	0
4-Nitrophenol	0.262	0.24	-	8.4	20	92	0
2,3,5,6-Tetrachlorophenol	0.424	0.405	-	4.5	20	101	0
2,3,4,6-Tetrachlorophenol	0.419	0.387	-	7.6	20	100	0
Diethyl phthalate	1.464	1.379	-	5.8	20	103	0
Fluorene	1.538	1.402	-	8.8	20	99	0
4-Chlorophenyl phenyl ethe	0.741	0.665	-	10.3	20	99	0
4-Nitroaniline	0.356	0.35	-	1.7	20	97	0
4,6-Dinitro-o-cresol	0.284	0.276	-	2.8	20	103	0
NDPA/DPA	1.281	1.183	-	7.7	20	100	0
Azobenzene	1.319	1.224	-	7.2	20	99	0
2,4,6-Tribromophenol	0.25	0.273	-	-9.2	20	120	0
4-Bromophenyl phenyl ether	0.475	0.443	-	6.7	20	106	0
Hexachlorobenzene	0.563	0.527	-	6.4	20	107	0
Pentachlorophenol	50	43.422	-	13.2	20	106	0
IS1_Phenanthrene-d10	1	1	-	0	20	106	0
Phenanthrene	1.186	1.072	-	9.6	20	97	0
Anthracene	1.185	1.098	-	7.3	20	97	0
Carbazole	1.121	1.031	-	8	20	96	0
Di-n-butylphthalate	1.199	1.248	-	-4.1	20	103	0
Fluoranthene	1.393	1.297	-	6.9	20	95	0
Benzidine	0.939	0.887	-	5.5	20	100	0
Pyrene	1.508	1.374	-	8.9	20	93	0
4-Terphenyl-d14	1.149	1.06	-	7.7	20	95	0
Butyl benzyl phthalate	0.62	0.585	-	5.6	20	100	0
IS1_Chrysene-d12	1	1	-	0	20	94	0
Benzo(a)anthracene	1.35	1.279	-	5.3	20	87	0
3,3'-Dichlorobenzidine	0.482	0.523	-	-8.5	20	93	0
Chrysene	1.24	1.127	-	9.1	20	87	0
Bis(2-ethylhexyl)phthalate	0.686	0.758	-	-10.5	20	98	0
Di-n-octylphthalate	1.138	1.312	-	-15.3	20	101	0
Benzo(b)fluoranthene	1.307	1.25	-	4.4	20	91	0
Benzo(k)fluoranthene	1.312	1.283	-	2.2	20	89	0
Benzo(a)pyrene	1.237	1.212	-	2	20	91	0
IS1_Perylene-d12	1	1	-	0	20	96	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV124
 Lab File ID : ABN0806
 Sample No : WG2098975-3
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/06/25 23:40
 Init. Calib. Date(s) : 07/16/25 07/16/25
 Init. Calib. Times : 05:57 15:16

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.269	1.244	-	2	20	153	0
2,6-Dinitrotoluene	0.194	0.192	-	1	20	146	0
1,2-Dinitrobenzene	0.083	0.077	-	7.2	20	141	0
IS1_Acenaphthene-d10	1	1	-	0	20	153	0
3-Nitroaniline	0.33	0.341	-	-3.3	20	152	0
Acenaphthene	1.109	1.053	-	5	20	148	0
2,4-Dinitrophenol	50	46.867	-	6.3	20	153	0
Dibenzofuran	1.872	1.765	-	5.7	20	148	0
2,4-Dinitrotoluene	0.445	0.444	-	0.2	20	147	0
4-Nitrophenol	0.264	0.309	-	-17	20	162	0
2,3,5,6-Tetrachlorophenol	0.397	0.419	-	-5.5	20	153	0
2,3,4,6-Tetrachlorophenol	0.41	0.408	-	0.5	20	149	0
Diethyl phthalate	1.537	1.578	-	-2.7	20	159	0
Fluorene	1.509	1.419	-	6	20	147	0
4-Chlorophenyl phenyl ethe	0.758	0.713	-	5.9	20	146	0
4-Nitroaniline	0.309	0.323	-	-4.5	20	152	0
4,6-Dinitro-o-cresol	0.247	0.274	-	-10.9	20	154	0
NDPA/DPA	1.24	1.158	-	6.6	20	145	0
Azobenzene	1.44	1.538	-	-6.8	20	164	0
2,4,6-Tribromophenol	0.249	0.271	-	-8.8	20	158	0
4-Bromophenyl phenyl ether	0.483	0.452	-	6.4	20	148	0
Hexachlorobenzene	0.57	0.539	-	5.4	20	149	0
Pentachlorophenol	50	43.838	-	12.3	20	142	0
IS1_Phenanthrene-d10	1	1	-	0	20	150	0
Phenanthrene	1.143	1.08	-	5.5	20	145	0
Anthracene	1.158	1.124	-	2.9	20	145	0
Carbazole	1.045	1.019	-	2.5	20	144	0
Di-n-butylphthalate	1.24	1.401	-	-13	20	164	0
Fluoranthene	1.359	1.264	-	7	20	141	0
Benzidine	0.722	0.775	-	-7.3	20	152	0
Pyrene	1.428	1.315	-	7.9	20	142	0
4-Terphenyl-d14	1.057	0.955	-	9.6	20	138	0
Butyl benzyl phthalate	0.549	0.616	-	-12.2	20	163	0
IS1_Chrysene-d12	1	1	-	0	20	143	0
Benzo(a)anthracene	1.36	1.295	-	4.8	20	135	0
3,3'-Dichlorobenzidine	0.486	0.502	-	-3.3	20	140	0
Chrysene	1.296	1.171	-	9.6	20	134	0
Bis(2-ethylhexyl)phthalate	0.755	0.989	-	-31*	20	172	0
Di-n-octylphthalate	1.249	1.671	-	-33.8*	20	176	0
Benzo(b)fluoranthene	1.34	1.26	-	6	20	137	0
Benzo(k)fluoranthene	1.271	1.16	-	8.7	20	127	0
Benzo(a)pyrene	1.224	1.153	-	5.8	20	132	0
IS1_Perylene-d12	1	1	-	0	20	137	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : MINDY
 Lab File ID : ABN0807A
 Sample No : WG2100236-3
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/07/25 09:27
 Init. Calib. Date(s) : 05/24/25 05/25/25
 Init. Calib. Times : 13:50 01:37

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	129	0
n-Nitrosodimethylamine	0.614	0.482	-	21.5*	20	103	0
Pyridine	1.145	0.691	-	39.7*	20	78	0
2-Fluorophenol	1.062	1.027	-	3.3	20	125	0
Aniline	1.678	1.471	-	12.3	20	112	0
2-Chlorophenol	1.307	1.27	-	2.8	20	124	0
Phenol-d6	1.297	1.228	-	5.3	20	120	0
Phenol	1.347	1.256	-	6.8	20	121	0
Bis(2-chloroethyl)ether	1.058	0.943	-	10.9	20	119	0
1,3-Dichlorobenzene	1.554	1.475	-	5.1	20	126	0
1,4-Dichlorobenzene	1.599	1.511	-	5.5	20	126	0
1,2-Dichlorobenzene	1.514	1.447	-	4.4	20	128	0
Benzyl alcohol	0.877	0.846	-	3.5	20	120	0
Bis(2-chloroisopropyl)ethe	1.524	1.014	-	33.5*	20	89	0
2-Methylphenol	1.063	1.068	-	-0.5	20	128	0
Hexachloroethane	0.529	0.502	-	5.1	20	125	0
n-Nitrosodi-n-propylamine	0.749	0.691	-	7.7	20	117	0
3-Methylphenol/4-Methylphe	1.146	1.132	-	1.2	20	124	0
Nitrobenzene-d5	1.153	1.122	-	2.7	20	124	0
Nitrobenzene	1.13	1.086	-	3.9	20	123	0
Isophorone	2.075	1.976	-	4.8	20	121	0
2-Nitrophenol	0.665	0.695	-	-4.5	20	127	0
2,4-Dimethylphenol	1.199	1.204	-	-0.4	20	127	0
Bis(2-chloroethoxy)methane	1.37	1.26	-	8	20	121	0
2,4-Dichlorophenol	1.194	1.248	-	-4.5	20	130	0
1,2,4-Trichlorobenzene	1.37	1.296	-	5.4	20	125	0
IS1_Naphthalene-d8	1	1	-	0	20	140	0
Naphthalene	1.087	0.936	-	13.9	20	126	0
Benzoic Acid	0.234	0.249	-	-6.4	20	152	.01
4-Chloroaniline	0.103	0.086	-	16.5	20	116	0
Hexachlorobutadiene	0.183	0.166	-	9.3	20	131	0
p-Chloro-m-cresol	0.267	0.255	-	4.5	20	131	0
2-Methylnaphthalene	0.688	0.629	-	8.6	20	133	0
1-Methylnaphthalene	0.233	0.207	-	11.2	20	129	0
Hexachlorocyclopentadiene	0.244	0.185	-	24.2*	20	109	0
2,4,6-Trichlorophenol	0.223	0.213	-	4.5	20	129	0
2,4,5-Trichlorophenol	0.241	0.246	-	-2.1	20	137	0
2-Fluorobiphenyl	0.903	0.788	-	12.7	20	128	0
2-Chloronaphthalene	0.759	0.676	-	10.9	20	131	0
2-Nitroaniline	0.215	0.228	-	-6	20	140	0
1,4-Dinitrobenzene	0.106	0.116	-	-9.4	20	142	0
1,3-Dinitrobenzene	0.124	0.126	-	-1.6	20	136	0
Dimethyl phthalate	0.873	0.804	-	7.9	20	132	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : MINDY
 Lab File ID : ADP0807
 Sample No : WG2100236-5
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/07/25 09:49
 Init. Calib. Date(s) : 05/24/25 05/25/25
 Init. Calib. Times : 13:50 01:37

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	112	0
1,4-Dioxane	0.446	0.305	-	31.6*	20	88	0
n-Decane	1.018	0.751	-	26.2*	20	82	0
IS3_Acenaphthene-d10	1	1	-	0	20	120	0
Atrazine	0.321	0.372	-	-15.9	20	129	0
IS3_Phenanthrene-d10	1	1	-	0	20	130	0
n-Octadecane	0.348	0.262	-	24.7*	20	95	0
Parathion	50	50.487	-	-1	20	137	0
3,3'-Dimethylbenzidine	0.709	0.79	-	-11.4	20	141	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV103
 Lab File ID : ABN0807
 Sample No : WG2100027-3
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/07/25 22:53
 Init. Calib. Date(s) : 06/03/25 06/04/25
 Init. Calib. Times : 20:16 07:25

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
n-Nitrosodimethylamine	0.844	0.795	-	5.8	20	92	0
Pyridine	1.411	1.434	-	-1.6	20	96	0
2-Fluorophenol	1.267	1.258	-	0.7	20	98	0
Aniline	2.27	2.035	-	10.4	20	89	0
2-Chlorophenol	1.383	1.351	-	2.3	20	95	0
Phenol-d6	1.611	1.49	-	7.5	20	91	0
Phenol	1.929	1.638	-	15.1	20	84	0
Bis(2-chloroethyl)ether	1.355	1.231	-	9.2	20	93	0
1,3-Dichlorobenzene	1.577	1.476	-	6.4	20	96	0
1,4-Dichlorobenzene	1.62	1.503	-	7.2	20	95	0
1,2-Dichlorobenzene	1.541	1.434	-	6.9	20	96	0
Benzyl alcohol	1.201	1.128	-	6.1	20	90	0
Bis(2-chloroisopropyl)ethe	1.82	1.939	-	-6.5	20	107	0
2-Methylphenol	1.29	1.172	-	9.1	20	90	0
Hexachloroethane	0.616	0.573	-	7	20	93	0
n-Nitrosodi-n-propylamine	1.068	0.99	-	7.3	20	90	0
3-Methylphenol/4-Methylphe	1.384	1.252	-	9.5	20	89	0
Nitrobenzene-d5	1.496	1.41	-	5.7	20	90	0
Nitrobenzene	1.54	1.413	-	8.2	20	88	0
Isophorone	2.84	2.626	-	7.5	20	90	0
2-Nitrophenol	0.571	0.738	-	-29.2*	20	117	0
2,4-Dimethylphenol	1.485	1.357	-	8.6	20	89	0
Bis(2-chloroethoxy)methane	1.786	1.619	-	9.4	20	91	0
2,4-Dichlorophenol	1.155	1.154	-	0.1	20	95	0
1,2,4-Trichlorobenzene	1.304	1.229	-	5.8	20	97	0
IS1_Naphthalene-d8	1	1	-	0	20	102	0
Naphthalene	1.095	0.944	-	13.8	20	91	0
Benzoic Acid	50	50.039	-	-0.1	20	111	0
4-Chloroaniline	0.151	0.129	-	14.6	20	88	0
Hexachlorobutadiene	0.199	0.179	-	10.1	20	95	0
p-Chloro-m-cresol	0.322	0.296	-	8.1	20	92	0
2-Methylnaphthalene	0.657	0.576	-	12.3	20	92	0
1-Methylnaphthalene	0.267	0.217	-	18.7	20	85	0
Hexachlorocyclopentadiene	0.233	0.246	-	-5.6	20	106	0
2,4,6-Trichlorophenol	0.2	0.217	-	-8.5	20	104	0
2,4,5-Trichlorophenol	0.225	0.23	-	-2.2	20	98	0
2-Fluorobiphenyl	0.826	0.709	-	14.2	20	90	0
2-Chloronaphthalene	0.691	0.614	-	11.1	20	94	0
2-Nitroaniline	0.207	0.219	-	-5.8	20	98	0
1,4-Dinitrobenzene	50	47.825	-	4.3	20	103	0
1,3-Dinitrobenzene	0.105	0.111	-	-5.7	20	97	0
Dimethyl phthalate	0.824	0.744	-	9.7	20	93	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : MORK
 Lab File ID : ABN0811
 Sample No : WG2101478-3
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/11/25 09:20
 Init. Calib. Date(s) : 11/10/24 11/11/24
 Init. Calib. Times : 21:39 10:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	137	0
n-Nitrosodimethylamine	0.69	0.672	-	2.6	20	145	0
Pyridine	1.046	1.24	-	-18.5	20	179	0
2-Fluorophenol	1.064	1.186	-	-11.5	20	163	0
Aniline	1.74	1.811	-	-4.1	20	152	0
2-Chlorophenol	1.252	1.414	-	-12.9	20	165	0
Phenol-d6	1.388	1.4	-	-0.9	20	146	0
Phenol	1.596	1.428	-	10.5	20	131	0
Bis(2-chloroethyl)ether	1.057	1.027	-	2.8	20	141	0
1,3-Dichlorobenzene	1.515	1.508	-	0.5	20	147	0
1,4-Dichlorobenzene	1.562	1.547	-	1	20	147	0
1,2-Dichlorobenzene	1.504	1.472	-	2.1	20	145	0
Benzyl alcohol	1.045	0.924	-	11.6	20	127	0
Bis(2-chloroisopropyl)ethe	1.197	1.06	-	11.4	20	131	0
2-Methylphenol	1.1	1.11	-	-0.9	20	146	0
Hexachloroethane	0.534	0.53	-	0.7	20	145	0
n-Nitrosodi-n-propylamine	0.885	0.783	-	11.5	20	132	0
3-Methylphenol/4-Methylphe	1.183	1.188	-	-0.4	20	146	0
Nitrobenzene-d5	1.237	1.194	-	3.5	20	138	0
Nitrobenzene	1.258	1.149	-	8.7	20	130	0
Isophorone	2.374	2.121	-	10.7	20	133	0
2-Nitrophenol	0.618	0.777	-	-25.7*	20	169	0
2,4-Dimethylphenol	1.181	1.243	-	-5.2	20	156	0
Bis(2-chloroethoxy)methane	1.439	1.362	-	5.4	20	139	0
2,4-Dichlorophenol	1.254	1.241	-	1	20	143	0
1,2,4-Trichlorobenzene	1.48	1.381	-	6.7	20	139	0
IS1_Naphthalene-d8	1	1	-	0	20	144	0
Naphthalene	1.064	1.02	-	4.1	20	149	0
Benzoic Acid	0.235	0.252	-	-7.2	20	149	0
4-Chloroaniline	0.121	0.1	-	17.4	20	129	0
Hexachlorobutadiene	0.284	0.222	-	21.8*	20	123	0
p-Chloro-m-cresol	0.306	0.29	-	5.2	20	144	0
2-Methylnaphthalene	0.729	0.652	-	10.6	20	140	0
1-Methylnaphthalene	0.248	0.201	-	19	20	125	0
Hexachlorocyclopentadiene	0.288	0.316	-	-9.7	20	161	0
2,4,6-Trichlorophenol	0.295	0.267	-	9.5	20	140	0
2,4,5-Trichlorophenol	0.308	0.276	-	10.4	20	134	0
2-Fluorobiphenyl	0.948	0.837	-	11.7	20	137	0
2-Chloronaphthalene	0.787	0.705	-	10.4	20	140	0
2-Nitroaniline	0.217	0.24	-	-10.6	20	157	0
1,4-Dinitrobenzene	0.096	0.11	-	-14.6	20	156	0
1,3-Dinitrobenzene	0.111	0.117	-	-5.4	20	147	0
Dimethyl phthalate	0.94	0.821	-	12.7	20	138	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : MORK
 Lab File ID : ABN0811
 Sample No : WG2101478-3
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/11/25 09:20
 Init. Calib. Date(s) : 11/10/24 11/11/24
 Init. Calib. Times : 21:39 10:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.21	1.175	-	2.9	20	152	0
2,6-Dinitrotoluene	0.188	0.181	-	3.7	20	141	0
1,2-Dinitrobenzene	0.07	0.072	-	-2.9	20	149	0
IS1_Acenaphthene-d10	1	1	-	0	20	133	0
3-Nitroaniline	0.313	0.359	-	-14.7	20	150	0
Acenaphthene	1.112	1.088	-	2.2	20	140	0
2,4-Dinitrophenol	0.168	0.235	-	-39.9*	20	175	0
Dibenzofuran	1.834	1.726	-	5.9	20	134	0
2,4-Dinitrotoluene	0.406	0.429	-	-5.7	20	142	0
4-Nitrophenol	0.217	0.207	-	4.6	20	126	0
2,3,5,6-Tetrachlorophenol	0.461	0.459	-	0.4	20	136	0
2,3,4,6-Tetrachlorophenol	0.447	0.437	-	2.2	20	134	0
Diethyl phthalate	1.467	1.466	-	0.1	20	142	0
Fluorene	1.465	1.442	-	1.6	20	140	0
4-Chlorophenyl phenyl ethe	0.76	0.691	-	9.1	20	131	0
4-Nitroaniline	0.322	0.361	-	-12.1	20	148	0
4,6-Dinitro-o-cresol	0.221	0.295	-	-33.5*	20	162	0
NDPA/DPA	1.234	1.203	-	2.5	20	140	0
Azobenzene	1.225	1.067	-	12.9	20	123	0
2,4,6-Tribromophenol	0.287	0.303	-	-5.6	20	142	0
4-Bromophenyl phenyl ether	0.541	0.5	-	7.6	20	134	0
Hexachlorobenzene	0.637	0.599	-	6	20	135	0
Pentachlorophenol	0.399	0.419	-	-5	20	136	0
IS1_Phenanthrene-d10	1	1	-	0	20	129	0
Phenanthrene	1.106	1.062	-	4	20	134	0
Anthracene	1.108	1.105	-	0.3	20	136	0
Carbazole	1.016	1.036	-	-2	20	141	0
Di-n-butylphthalate	1.165	1.279	-	-9.8	20	146	0
Fluoranthene	1.381	1.322	-	4.3	20	133	0
Benzidine	0.796	0.895	-	-12.4	20	150	0
Pyrene	1.441	1.365	-	5.3	20	131	0
4-Terphenyl-d14	1.119	1.1	-	1.7	20	138	0
Butyl benzyl phthalate	0.478	0.611	-	-27.8*	20	154	0
IS1_Chrysene-d12	1	1	-	0	20	118	0
Benzo(a)anthracene	1.344	1.311	-	2.5	20	126	0
3,3'-Dichlorobenzidine	0.495	0.555	-	-12.1	20	135	0
Chrysene	1.249	1.202	-	3.8	20	126	0
Bis(2-ethylhexyl)phthalate	0.636	0.827	-	-30*	20	151	0
Di-n-octylphthalate	1.08	1.466	-	-35.7*	20	151	0
Benzo(b)fluoranthene	1.382	1.441	-	-4.3	20	135	0
Benzo(k)fluoranthene	1.303	1.351	-	-3.7	20	126	0
Benzo(a)pyrene	1.251	1.37	-	-9.5	20	138	0
IS1_Perylene-d12	1	1	-	0	20	125	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : JULIET
 Lab File ID : ABN0812
 Sample No : WG2102042-3
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/12/25 11:47
 Init. Calib. Date(s) : 06/14/25 06/15/25
 Init. Calib. Times : 13:05 01:41

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	96	0
n-Nitrosodimethylamine	0.546	0.51	-	6.6	20	89	0
Pyridine	0.975	0.984	-	-0.9	20	100	0
2-Fluorophenol	0.985	0.921	-	6.5	20	90	0
Aniline	1.622	1.522	-	6.2	20	93	0
2-Chlorophenol	1.264	1.208	-	4.4	20	96	0
Phenol-d6	1.265	1.189	-	6	20	94	0
Phenol	1.411	1.219	-	13.6	20	87	0
Bis(2-chloroethyl)ether	0.911	0.851	-	6.6	20	94	0
1,3-Dichlorobenzene	1.548	1.395	-	9.9	20	94	0
1,4-Dichlorobenzene	1.574	1.455	-	7.6	20	94	0
1,2-Dichlorobenzene	1.517	1.368	-	9.8	20	93	0
Benzyl alcohol	0.892	0.814	-	8.7	20	88	0
Bis(2-chloroisopropyl)ethe	1.331	1.182	-	11.2	20	90	0
2-Methylphenol	1.052	0.957	-	9	20	90	0
Hexachloroethane	0.495	0.486	-	1.8	20	99	0
n-Nitrosodi-n-propylamine	0.777	0.705	-	9.3	20	92	0
3-Methylphenol/4-Methylphe	1.12	1.039	-	7.2	20	92	0
Nitrobenzene-d5	1.104	1.102	-	0.2	20	96	0
Nitrobenzene	1.089	1.074	-	1.4	20	97	0
Isophorone	2.147	2.041	-	4.9	20	98	0
2-Nitrophenol	0.624	0.732	-	-17.3	20	109	0
2,4-Dimethylphenol	1.254	1.18	-	5.9	20	93	0
Bis(2-chloroethoxy)methane	1.33	1.274	-	4.2	20	97	0
2,4-Dichlorophenol	1.424	1.361	-	4.4	20	95	0
1,2,4-Trichlorobenzene	1.727	1.561	-	9.6	20	93	0
IS1_Naphthalene-d8	1	1	-	0	20	104	0
Naphthalene	1.063	0.922	-	13.3	20	95	0
Benzoic Acid	50	49.147	-	1.7	20	101	0
4-Chloroaniline	0.108	0.096	-	11.1	20	92	0
Hexachlorobutadiene	0.298	0.247	-	17.1	20	93	0
p-Chloro-m-cresol	0.294	0.255	-	13.3	20	91	0
2-Methylnaphthalene	0.719	0.584	-	18.8	20	90	0
1-Methylnaphthalene	0.227	0.2	-	11.9	20	94	0
Hexachlorocyclopentadiene	0.323	0.144	-	55.4*	20	45	0
2,4,6-Trichlorophenol	0.342	0.277	-	19	20	83	0
2,4,5-Trichlorophenol	0.371	0.301	-	18.9	20	93	0
2-Fluorobiphenyl	1.105	0.912	-	17.5	20	90	0
2-Chloronaphthalene	0.883	0.746	-	15.5	20	94	0
2-Nitroaniline	0.223	0.23	-	-3.1	20	100	0
1,4-Dinitrobenzene	0.104	0.114	-	-9.6	20	103	0
1,3-Dinitrobenzene	0.124	0.124	-	0	20	95	0
Dimethyl phthalate	1.098	0.906	-	17.5	20	91	0

* Value outside of QC limits.



Laboratory Control Sample Summary

Form 3

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2101013-2 Analysis Date : 08/12/25 08:02 File ID : 15250812a-03
 LCSD Sample ID : WG2101013-3 Analysis Date : 08/12/25 08:21 File ID : 15250812a-04

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			
2,4,5-TP (Silvex)	163	277P	170 Q	166	130	79	73 Q	30-150	30



Matrix Spike Sample Summary

Form 3

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-105 FILL
 Lab Sample ID : L2547432-15
 Matrix Spike : WG2101013-4
 Matrix Spike Dup : WG2101013-5

Lab Number : L2547432
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 08/12/25 08:41
 MS Analysis Date : 08/12/25 09:00
 MSD Analysis Date : 08/12/25 09:19

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			
2,4,5-TP (Silvex)	ND	216	158JP	73	217	296P	136	61 Q	30-150	30



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-01	Date Collected	: 07/29/25 14:20
Client ID	: TP-101 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 09:48
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250811a-12	Analyst	: EJJ
Sample Amount	: 30.1 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	186	4.95	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-02	Date Collected : 07/29/25 14:30
Client ID : TP-101 NATIVE	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/12/25 09:38
Sample Matrix : SOIL	Date Extracted : 08/09/25
Analytical Method : 1,8151A	Dilution Factor : 1
Lab File ID : 15250812a-08	Analyst : EJJ
Sample Amount : 30.27 g	Instrument ID : PEST15
Extraction Method : EPA 8151A	GC Column : STX-CLP1
Extract Volume : 10000 uL	%Solids : 78
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : N	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	211	5.60	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-04	Date Collected	: 07/29/25 11:20
Client ID	: TP-108 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 10:06
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250811a-13	Analyst	: EJJ
Sample Amount	: 30.59 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	205	5.46	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-05	Date Collected	: 07/29/25 11:30
Client ID	: TP-108 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 10:24
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250811a-14	Analyst	: EJJ
Sample Amount	: 30.47 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	191	5.08	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : L2547432-06 Client ID : TP-110 FILL Sample Location : 160 CENTER STREET, CANASTOTA, NY Sample Matrix : SOIL Analytical Method : 1,8151A Lab File ID : 17250811a-16 Sample Amount : 30.04 g Extraction Method : EPA 8151A Extract Volume : 10000 uL GPC Cleanup : N Sulfur Cleanup : N	Lab Number : L2547432 Project Number : W96.013.001 Date Collected : 07/29/25 11:00 Date Received : 07/29/25 Date Analyzed : 08/11/25 11:01 Date Extracted : 08/09/25 Dilution Factor : 1 Analyst : EJJ Instrument ID : PEST17 GC Column : STX-CLP1 %Solids : 91 Injection Volume : 1 uL
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CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	183	4.88	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-07	Date Collected	: 07/29/25 11:05
Client ID	: TP-110 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 11:19
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250811a-17	Analyst	: EJJ
Sample Amount	: 30.08 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 85
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	196	5.21	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-08	Date Collected	: 07/29/25 10:30
Client ID	: TP-111 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 11:37
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250811a-18	Analyst	: EJL
Sample Amount	: 30.35 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	207	5.50	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-09	Date Collected	: 07/29/25 09:05
Client ID	: TP-112 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 11:55
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250811a-19	Analyst	: EJL
Sample Amount	: 30.53 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	190	5.05	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-10	Date Collected	: 07/29/25 09:15
Client ID	: TP-112 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 12:13
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250811a-20	Analyst	: EJJ
Sample Amount	: 30.69 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	198	5.26	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-11	Date Collected	: 07/29/25 09:45
Client ID	: TP-114 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 12:31
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 17250811a-21	Analyst	: EJJ
Sample Amount	: 30.36 g	Instrument ID	: PEST17
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	210	5.59	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-12	Date Collected	: 07/29/25 09:55
Client ID	: TP-114 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 09:58
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250812a-09	Analyst	: EJL
Sample Amount	: 30.29 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	196	5.22	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-13	Date Collected	: 07/29/25 08:45
Client ID	: TP-115 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 10:17
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250812a-10	Analyst	: EJL
Sample Amount	: 30 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	200	5.32	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-14	Date Collected	: 07/29/25 08:50
Client ID	: TP-115 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 10:36
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250812a-11	Analyst	: EJL
Sample Amount	: 30.59 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	191	5.08	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-15	Date Collected	: 07/29/25 13:40
Client ID	: TP-105 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 08:41
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250812a-05	Analyst	: EJL
Sample Amount	: 30.6 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	216	5.75	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-16	Date Collected	: 07/29/25 13:50
Client ID	: TP-105 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 10:55
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250812a-12	Analyst	: EJL
Sample Amount	: 30.12 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	187	4.98	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-17	Date Collected	: 07/29/25 00:00
Client ID	: DUP-02	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 11:15
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250812a-13	Analyst	: EJJ
Sample Amount	: 30.79 g	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	217	5.77	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2100986-1
Client ID : WG2100986-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,8151A
Lab File ID : 17250811a-02
Sample Amount : 30.65 g
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2547432
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/11/25 06:47
Date Extracted : 08/09/25
Dilution Factor : 1
Analyst : EJJ
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : NA
Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	163	4.34	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101013-1
 Client ID : WG2101013-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8151A
 Lab File ID : 15250812a-02
 Sample Amount : 30.13 g
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 07:44
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : EJJ
 Instrument ID : PEST15
 GC Column : STX-CLP1
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
93-72-1	2,4,5-TP (Silvex)	ND	166	4.41	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 13250807a-15
 Sample Amount : 10.56 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 12:00
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST13
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	53.0	4.71	U
11104-28-2	Aroclor 1221	ND	53.0	5.31	U
11141-16-5	Aroclor 1232	ND	53.0	11.2	U
53469-21-9	Aroclor 1242	ND	53.0	7.15	U
12672-29-6	Aroclor 1248	ND	53.0	7.95	U
11097-69-1	Aroclor 1254	ND	53.0	5.80	U
11096-82-5	Aroclor 1260	ND	53.0	9.80	U
37324-23-5	Aroclor 1262	ND	53.0	6.73	U
11100-14-4	Aroclor 1268	ND	53.0	5.49	U
1336-36-3	PCBs, Total	ND	53.0	4.71	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 13250807a-16
 Sample Amount : 10.91 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 12:10
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST13
 GC Column : CLP-Pesticide
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	58.4	5.19	U
11104-28-2	Aroclor 1221	ND	58.4	5.86	U
11141-16-5	Aroclor 1232	ND	58.4	12.4	U
53469-21-9	Aroclor 1242	ND	58.4	7.88	U
12672-29-6	Aroclor 1248	ND	58.4	8.77	U
11097-69-1	Aroclor 1254	ND	58.4	6.40	U
11096-82-5	Aroclor 1260	ND	58.4	10.8	U
37324-23-5	Aroclor 1262	ND	58.4	7.42	U
11100-14-4	Aroclor 1268	ND	58.4	6.06	U
1336-36-3	PCBs, Total	ND	58.4	5.19	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-04
 Client ID : TP-108 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 13250807a-17
 Sample Amount : 10.09 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:20
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 12:20
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST13
 GC Column : CLP-Pesticide
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	62.2	5.52	U
11104-28-2	Aroclor 1221	ND	62.2	6.23	U
11141-16-5	Aroclor 1232	ND	62.2	13.2	U
53469-21-9	Aroclor 1242	ND	62.2	8.38	U
12672-29-6	Aroclor 1248	ND	62.2	9.33	U
11097-69-1	Aroclor 1254	ND	62.2	6.80	U
11096-82-5	Aroclor 1260	ND	62.2	11.5	U
37324-23-5	Aroclor 1262	ND	62.2	7.90	U
11100-14-4	Aroclor 1268	ND	62.2	6.44	U
1336-36-3	PCBs, Total	ND	62.2	5.52	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-05
 Client ID : TP-108 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 13250807a-18
 Sample Amount : 10.26 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:30
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 12:30
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST13
 GC Column : CLP-Pesticide
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	56.7	5.04	U
11104-28-2	Aroclor 1221	ND	56.7	5.68	U
11141-16-5	Aroclor 1232	ND	56.7	12.0	U
53469-21-9	Aroclor 1242	ND	56.7	7.65	U
12672-29-6	Aroclor 1248	ND	56.7	8.51	U
11097-69-1	Aroclor 1254	ND	56.7	6.21	U
11096-82-5	Aroclor 1260	ND	56.7	10.5	U
37324-23-5	Aroclor 1262	ND	56.7	7.20	U
11100-14-4	Aroclor 1268	ND	56.7	5.88	U
1336-36-3	PCBs, Total	ND	56.7	5.04	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-06
 Client ID : TP-110 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 13250807a-19
 Sample Amount : 10.21 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:00
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 12:40
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST13
 GC Column : CLP-Pesticide
 %Solids : 91
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	53.9	4.79	U
11104-28-2	Aroclor 1221	ND	53.9	5.40	U
11141-16-5	Aroclor 1232	ND	53.9	11.4	U
53469-21-9	Aroclor 1242	ND	53.9	7.27	U
12672-29-6	Aroclor 1248	ND	53.9	8.09	U
11097-69-1	Aroclor 1254	ND	53.9	5.90	U
11096-82-5	Aroclor 1260	ND	53.9	9.97	U
37324-23-5	Aroclor 1262	ND	53.9	6.85	U
11100-14-4	Aroclor 1268	ND	53.9	5.59	U
1336-36-3	PCBs, Total	ND	53.9	4.79	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-07
 Client ID : TP-110 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 13250807a-20
 Sample Amount : 10.55 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:05
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 12:50
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST13
 GC Column : CLP-Pesticide
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	55.9	4.96	U
11104-28-2	Aroclor 1221	ND	55.9	5.60	U
11141-16-5	Aroclor 1232	ND	55.9	11.8	U
53469-21-9	Aroclor 1242	ND	55.9	7.53	U
12672-29-6	Aroclor 1248	ND	55.9	8.38	U
11097-69-1	Aroclor 1254	ND	55.9	6.11	U
11096-82-5	Aroclor 1260	ND	55.9	10.3	U
37324-23-5	Aroclor 1262	ND	55.9	7.10	U
11100-14-4	Aroclor 1268	ND	55.9	5.79	U
1336-36-3	PCBs, Total	ND	55.9	4.96	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : L2547432-08 Client ID : TP-111 FILL Sample Location : 160 CENTER STREET, CANASTOTA, NY Sample Matrix : SOIL Analytical Method : 1,8082A Lab File ID : 13250807a-21 Sample Amount : 10.47 g Extraction Method : EPA 3546 Extract Volume : 1000 uL GPC Cleanup : N Sulfur Cleanup : Y	Lab Number : L2547432 Project Number : W96.013.001 Date Collected : 07/29/25 10:30 Date Received : 07/29/25 Date Analyzed : 08/07/25 13:00 Date Extracted : 08/06/25 Dilution Factor : 1 Analyst : EMR Instrument ID : PEST13 GC Column : CLP-Pesticide %Solids : 80 Injection Volume : 1 uL
--	---

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	59.9	5.32	U
11104-28-2	Aroclor 1221	ND	59.9	6.00	U
11141-16-5	Aroclor 1232	ND	59.9	12.7	U
53469-21-9	Aroclor 1242	ND	59.9	8.08	U
12672-29-6	Aroclor 1248	ND	59.9	8.99	U
11096-82-5	Aroclor 1260	ND	59.9	11.1	U
37324-23-5	Aroclor 1262	ND	59.9	7.61	U
11100-14-4	Aroclor 1268	ND	59.9	6.21	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : L2547432-08 Client ID : TP-111 FILL Sample Location : 160 CENTER STREET, CANASTOTA, NY Sample Matrix : SOIL Analytical Method : 1,8082A Lab File ID : 13250807a-21 Sample Amount : 10.47 g Extraction Method : EPA 3546 Extract Volume : 1000 uL GPC Cleanup : N Sulfur Cleanup : Y	Lab Number : L2547432 Project Number : W96.013.001 Date Collected : 07/29/25 10:30 Date Received : 07/29/25 Date Analyzed : 08/07/25 13:00 Date Extracted : 08/06/25 Dilution Factor : 1 Analyst : EMR Instrument ID : PEST13 GC Column : CLP-PesticideII %Solids : 80 Injection Volume : 1 uL
--	---

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
11097-69-1	Aroclor 1254	427	59.9	6.56	
1336-36-3	PCBs, Total	427	59.9	5.32	



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-09	Date Collected : 07/29/25 09:05
Client ID : TP-112 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/07/25 13:10
Sample Matrix : SOIL	Date Extracted : 08/06/25
Analytical Method : 1,8082A	Dilution Factor : 1
Lab File ID : 13250807a-22	Analyst : EMR
Sample Amount : 10.15 g	Instrument ID : PEST13
Extraction Method : EPA 3546	GC Column : CLP-Pesticide
Extract Volume : 1000 uL	%Solids : 86
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	57.1	5.07	U
11104-28-2	Aroclor 1221	ND	57.1	5.72	U
11141-16-5	Aroclor 1232	ND	57.1	12.1	U
53469-21-9	Aroclor 1242	ND	57.1	7.69	U
12672-29-6	Aroclor 1248	ND	57.1	8.56	U
11097-69-1	Aroclor 1254	ND	57.1	6.24	U
37324-23-5	Aroclor 1262	ND	57.1	7.25	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-09	Date Collected : 07/29/25 09:05
Client ID : TP-112 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/07/25 13:10
Sample Matrix : SOIL	Date Extracted : 08/06/25
Analytical Method : 1,8082A	Dilution Factor : 1
Lab File ID : 13250807a-22	Analyst : EMR
Sample Amount : 10.15 g	Instrument ID : PEST13
Extraction Method : EPA 3546	GC Column : CLP-PesticideII
Extract Volume : 1000 uL	%Solids : 86
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
11096-82-5	Aroclor 1260	13.7	57.1	10.5	J
11100-14-4	Aroclor 1268	ND	57.1	5.91	U
1336-36-3	PCBs, Total	13.7	57.1	5.07	J



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-10
 Client ID : TP-112 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 13250807a-23
 Sample Amount : 10.23 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:15
 Date Received : 07/29/25
 Date Analyzed : 08/07/25 13:20
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST13
 GC Column : CLP-Pesticide
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	59.3	5.27	U
11104-28-2	Aroclor 1221	ND	59.3	5.94	U
11141-16-5	Aroclor 1232	ND	59.3	12.6	U
53469-21-9	Aroclor 1242	ND	59.3	8.00	U
12672-29-6	Aroclor 1248	ND	59.3	8.90	U
11097-69-1	Aroclor 1254	ND	59.3	6.49	U
11096-82-5	Aroclor 1260	ND	59.3	11.0	U
37324-23-5	Aroclor 1262	ND	59.3	7.53	U
11100-14-4	Aroclor 1268	ND	59.3	6.14	U
1336-36-3	PCBs, Total	ND	59.3	5.27	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-11	Date Collected : 07/29/25 09:45
Client ID : TP-114 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 11:06
Sample Matrix : SOIL	Date Extracted : 08/07/25
Analytical Method : 1,8082A	Dilution Factor : 1
Lab File ID : 24250808a-19	Analyst : EMR
Sample Amount : 10.42 g	Instrument ID : PEST24
Extraction Method : EPA 3546	GC Column : CLP-Pesticide
Extract Volume : 1000 uL	%Solids : 78
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	61.2	5.43	U
11104-28-2	Aroclor 1221	ND	61.2	6.13	U
11141-16-5	Aroclor 1232	ND	61.2	13.0	U
53469-21-9	Aroclor 1242	ND	61.2	8.25	U
12672-29-6	Aroclor 1248	ND	61.2	9.18	U
11097-69-1	Aroclor 1254	ND	61.2	6.70	U
37324-23-5	Aroclor 1262	ND	61.2	7.77	U
11100-14-4	Aroclor 1268	ND	61.2	6.34	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : L2547432-11 Client ID : TP-114 FILL Sample Location : 160 CENTER STREET, CANASTOTA, NY Sample Matrix : SOIL Analytical Method : 1,8082A Lab File ID : 24250808a-19 Sample Amount : 10.42 g Extraction Method : EPA 3546 Extract Volume : 1000 uL GPC Cleanup : N Sulfur Cleanup : Y	Lab Number : L2547432 Project Number : W96.013.001 Date Collected : 07/29/25 09:45 Date Received : 07/29/25 Date Analyzed : 08/08/25 11:06 Date Extracted : 08/07/25 Dilution Factor : 1 Analyst : EMR Instrument ID : PEST24 GC Column : CLP-PesticideII %Solids : 78 Injection Volume : 1 uL
--	---

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
11096-82-5	Aroclor 1260	12.7	61.2	11.3	J
1336-36-3	PCBs, Total	12.7	61.2	5.43	J



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 24250808a-20
 Sample Amount : 10.79 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 11:14
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST24
 GC Column : CLP-Pesticide
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	55.1	4.89	U
11104-28-2	Aroclor 1221	ND	55.1	5.52	U
11141-16-5	Aroclor 1232	ND	55.1	11.7	U
53469-21-9	Aroclor 1242	ND	55.1	7.43	U
12672-29-6	Aroclor 1248	ND	55.1	8.26	U
11097-69-1	Aroclor 1254	ND	55.1	6.03	U
11096-82-5	Aroclor 1260	ND	55.1	10.2	U
37324-23-5	Aroclor 1262	ND	55.1	7.00	U
11100-14-4	Aroclor 1268	ND	55.1	5.71	U
1336-36-3	PCBs, Total	ND	55.1	4.89	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 24250808a-21
 Sample Amount : 10.55 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 11:22
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST24
 GC Column : CLP-Pesticide
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	56.9	5.05	U
11104-28-2	Aroclor 1221	ND	56.9	5.70	U
11141-16-5	Aroclor 1232	ND	56.9	12.1	U
53469-21-9	Aroclor 1242	ND	56.9	7.67	U
12672-29-6	Aroclor 1248	ND	56.9	8.53	U
11097-69-1	Aroclor 1254	ND	56.9	6.22	U
11096-82-5	Aroclor 1260	ND	56.9	10.5	U
37324-23-5	Aroclor 1262	ND	56.9	7.22	U
11100-14-4	Aroclor 1268	ND	56.9	5.89	U
1336-36-3	PCBs, Total	ND	56.9	5.05	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 24250808a-22
 Sample Amount : 15.24 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 11:30
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST24
 GC Column : CLP-Pesticide
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	38.3	3.40	U
11104-28-2	Aroclor 1221	ND	38.3	3.84	U
11141-16-5	Aroclor 1232	ND	38.3	8.12	U
53469-21-9	Aroclor 1242	ND	38.3	5.17	U
12672-29-6	Aroclor 1248	ND	38.3	5.75	U
11097-69-1	Aroclor 1254	ND	38.3	4.19	U
11096-82-5	Aroclor 1260	ND	38.3	7.08	U
37324-23-5	Aroclor 1262	ND	38.3	4.87	U
11100-14-4	Aroclor 1268	ND	38.3	3.97	U
1336-36-3	PCBs, Total	ND	38.3	3.40	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 24250808a-23
 Sample Amount : 10.34 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 11:38
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST24
 GC Column : CLP-Pesticide
 %Solids : 76
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	64.0	5.68	U
11104-28-2	Aroclor 1221	ND	64.0	6.41	U
11141-16-5	Aroclor 1232	ND	64.0	13.6	U
53469-21-9	Aroclor 1242	ND	64.0	8.62	U
12672-29-6	Aroclor 1248	ND	64.0	9.59	U
11097-69-1	Aroclor 1254	ND	64.0	7.00	U
11096-82-5	Aroclor 1260	ND	64.0	11.8	U
37324-23-5	Aroclor 1262	ND	64.0	8.12	U
11100-14-4	Aroclor 1268	ND	64.0	6.63	U
1336-36-3	PCBs, Total	ND	64.0	5.68	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 24250808a-26
 Sample Amount : 10.78 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 12:03
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST24
 GC Column : CLP-Pesticide
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	52.4	4.65	U
11104-28-2	Aroclor 1221	ND	52.4	5.24	U
11141-16-5	Aroclor 1232	ND	52.4	11.1	U
53469-21-9	Aroclor 1242	ND	52.4	7.06	U
12672-29-6	Aroclor 1248	ND	52.4	7.85	U
11097-69-1	Aroclor 1254	ND	52.4	5.73	U
11096-82-5	Aroclor 1260	ND	52.4	9.67	U
37324-23-5	Aroclor 1262	ND	52.4	6.65	U
11100-14-4	Aroclor 1268	ND	52.4	5.42	U
1336-36-3	PCBs, Total	ND	52.4	4.65	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 24250808a-27
 Sample Amount : 10.39 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 12:11
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST24
 GC Column : CLP-Pesticide
 %Solids : 75
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	64.2	5.70	U
11104-28-2	Aroclor 1221	ND	64.2	6.44	U
11141-16-5	Aroclor 1232	ND	64.2	13.6	U
53469-21-9	Aroclor 1242	ND	64.2	8.66	U
12672-29-6	Aroclor 1248	ND	64.2	9.64	U
11097-69-1	Aroclor 1254	ND	64.2	7.03	U
11096-82-5	Aroclor 1260	ND	64.2	11.9	U
37324-23-5	Aroclor 1262	ND	64.2	8.16	U
11100-14-4	Aroclor 1268	ND	64.2	6.66	U
1336-36-3	PCBs, Total	ND	64.2	5.70	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099991-1
 Client ID : WG2099991-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 13250807a-05
 Sample Amount : 10.93 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/07/25 10:20
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST13
 GC Column : CLP-Pesticide
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	45.7	4.06	U
11104-28-2	Aroclor 1221	ND	45.7	4.58	U
11141-16-5	Aroclor 1232	ND	45.7	9.70	U
53469-21-9	Aroclor 1242	ND	45.7	6.17	U
12672-29-6	Aroclor 1248	ND	45.7	6.86	U
11097-69-1	Aroclor 1254	ND	45.7	5.00	U
11096-82-5	Aroclor 1260	ND	45.7	8.45	U
37324-23-5	Aroclor 1262	ND	45.7	5.81	U
11100-14-4	Aroclor 1268	ND	45.7	4.74	U
1336-36-3	PCBs, Total	ND	45.7	4.06	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100435-1
 Client ID : WG2100435-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8082A
 Lab File ID : 24250808a-03
 Sample Amount : 10.31 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/08/25 08:54
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : MEO
 Instrument ID : PEST24
 GC Column : CLP-Pesticide
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	48.5	4.31	U
11104-28-2	Aroclor 1221	ND	48.5	4.86	U
11141-16-5	Aroclor 1232	ND	48.5	10.3	U
53469-21-9	Aroclor 1242	ND	48.5	6.54	U
12672-29-6	Aroclor 1248	ND	48.5	7.27	U
11097-69-1	Aroclor 1254	ND	48.5	5.30	U
11096-82-5	Aroclor 1260	ND	48.5	8.96	U
37324-23-5	Aroclor 1262	ND	48.5	6.16	U
11100-14-4	Aroclor 1268	ND	48.5	5.02	U
1336-36-3	PCBs, Total	ND	48.5	4.31	U



Matrix Spike Sample Summary

Form 3

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : TP-105 FILL
 Lab Sample ID : L2547432-15
 Matrix Spike : WG2099755-4
 Matrix Spike Dup : WG2099755-5

Lab Number : L2547432
 Project Number : W96.013.001
 Matrix (Level) : SOIL (LOW)
 Analysis Date : 08/09/25 13:54
 MS Analysis Date : 08/09/25 14:06
 MSD Analysis Date : 08/09/25 14:18

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			
Delta-BHC	ND	43.5	31.8	73	42.9	26.8	62	17	30-150	50
Lindane	ND	43.5	41.3	95	42.9	38.6	90	7	30-150	50
Alpha-BHC	ND	43.5	37.5	86	42.9	34.7	81	8	30-150	50
Beta-BHC	ND	43.5	32.0	74	42.9	26.5	62	19	30-150	50
Heptachlor	ND	43.5	40.5	93	42.9	37.9	88	7	30-150	50
Aldrin	ND	43.5	37.5	86	42.9	34.6	81	8	30-150	50
Endrin	ND	43.5	38.3	88	42.9	33.3	78	14	30-150	50
Dieldrin	ND	43.5	34.5	79	42.9	29.7	69	15	30-150	50
4,4'-DDE	2.54	43.5	37.5	80	42.9	36.6	79	2	30-150	50
4,4'-DDD	0.969JIP	43.5	41.3	95	42.9	35.4	83	15	30-150	50
4,4'-DDT	5.98	43.5	43.3	86	42.9	38.3	75	12	30-150	50
Endosulfan I	ND	43.5	75.2P	173 Q	42.9	39.3	92	63 Q	30-150	50
Endosulfan II	ND	43.5	39.8	92	42.9	34.9	81	13	30-150	50
Endosulfan sulfate	ND	43.5	32.4	75	42.9	31.4	73	3	30-150	50
cis-Chlordane	ND	43.5	36.6	84	42.9	31.2	73	16	30-150	50



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 18250812a-21
 Sample Amount : 15.45 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/12/25 13:22
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EJJ
 Instrument ID : PEST18
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.74	0.341	U
58-89-9	Lindane	ND	0.725	0.324	U
319-84-6	Alpha-BHC	ND	0.725	0.206	U
319-85-7	Beta-BHC	ND	1.74	0.660	U
76-44-8	Heptachlor	ND	0.870	0.390	U
309-00-2	Aldrin	ND	1.74	0.612	U
72-20-8	Endrin	ND	0.725	0.297	U
60-57-1	Dieldrin	ND	1.09	0.544	U
72-55-9	4,4'-DDE	2.46	1.74	0.402	
72-54-8	4,4'-DDD	1.88	1.74	0.620	IP
959-98-8	Endosulfan I	ND	1.74	0.411	U
33213-65-9	Endosulfan II	ND	1.74	0.581	U
1031-07-8	Endosulfan sulfate	ND	0.725	0.345	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-01	Date Collected	: 07/29/25 14:20
Client ID	: TP-101 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 13:22
Sample Matrix	: SOIL	Date Extracted	: 08/06/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 18250812a-21	Analyst	: EJL
Sample Amount	: 15.45 g	Instrument ID	: PEST18
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
50-29-3	4,4'-DDT	9.58	1.74	1.40	
5103-71-9	cis-Chlordane	14.8	2.17	0.606	IP



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-28
 Sample Amount : 15.2 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 12:48
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : KAB
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	2.01	0.394	U
58-89-9	Lindane	ND	0.839	0.375	U
319-84-6	Alpha-BHC	ND	0.839	0.238	U
319-85-7	Beta-BHC	ND	2.01	0.764	U
76-44-8	Heptachlor	ND	1.01	0.451	U
309-00-2	Aldrin	ND	2.01	0.709	U
72-20-8	Endrin	ND	0.839	0.344	U
60-57-1	Dieldrin	ND	1.26	0.629	U
72-54-8	4,4'-DDD	0.730	2.01	0.718	JIP
50-29-3	4,4'-DDT	2.92	2.01	1.62	
959-98-8	Endosulfan I	ND	2.01	0.476	U
33213-65-9	Endosulfan II	ND	2.01	0.673	U
1031-07-8	Endosulfan sulfate	ND	0.839	0.399	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-02	Date Collected : 07/29/25 14:30
Client ID : TP-101 NATIVE	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/08/25 12:48
Sample Matrix : SOIL	Date Extracted : 08/06/25
Analytical Method : 1,8081B	Dilution Factor : 1
Lab File ID : 11250808a-28	Analyst : KAB
Sample Amount : 15.2 g	Instrument ID : PEST11
Extraction Method : EPA 3546	GC Column : CLPPesticidesII
Extract Volume : 1000 uL	%Solids : 78
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
72-55-9	4,4'-DDE	0.974	2.01	0.466	J
5103-71-9	cis-Chlordane	9.48	2.52	0.702	



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-04
 Client ID : TP-108 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-33
 Sample Amount : 15.48 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:20
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 13:47
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : KAB
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.94	0.381	U
58-89-9	Lindane	ND	0.810	0.362	U
319-84-6	Alpha-BHC	ND	0.810	0.230	U
319-85-7	Beta-BHC	ND	1.94	0.738	U
76-44-8	Heptachlor	ND	0.973	0.436	U
309-00-2	Aldrin	ND	1.94	0.685	U
72-20-8	Endrin	ND	0.810	0.332	U
60-57-1	Dieldrin	ND	1.22	0.608	U
72-55-9	4,4'-DDE	1.71	1.94	0.450	JIP
72-54-8	4,4'-DDD	ND	1.94	0.694	U
50-29-3	4,4'-DDT	2.04	1.94	1.56	
959-98-8	Endosulfan I	ND	1.94	0.460	U
33213-65-9	Endosulfan II	ND	1.94	0.650	U
1031-07-8	Endosulfan sulfate	ND	0.810	0.386	U
5103-71-9	cis-Chlordane	ND	2.43	0.678	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-05
 Client ID : TP-108 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-34
 Sample Amount : 15.4 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 13:58
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : KAB
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.81	0.355	U
58-89-9	Lindane	ND	0.756	0.338	U
319-84-6	Alpha-BHC	ND	0.756	0.215	U
319-85-7	Beta-BHC	ND	1.81	0.688	U
76-44-8	Heptachlor	ND	0.907	0.407	U
309-00-2	Aldrin	ND	1.81	0.639	U
72-20-8	Endrin	ND	0.756	0.310	U
60-57-1	Dieldrin	ND	1.13	0.567	U
72-55-9	4,4'-DDE	ND	1.81	0.420	U
72-54-8	4,4'-DDD	ND	1.81	0.647	U
50-29-3	4,4'-DDT	ND	1.81	1.46	U
959-98-8	Endosulfan I	ND	1.81	0.429	U
33213-65-9	Endosulfan II	ND	1.81	0.606	U
1031-07-8	Endosulfan sulfate	ND	0.756	0.360	U
5103-71-9	cis-Chlordane	ND	2.27	0.632	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-06
 Client ID : TP-110 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-41
 Sample Amount : 15.12 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:00
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 15:20
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 91
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.75	0.342	U
58-89-9	Lindane	ND	0.728	0.326	U
319-84-6	Alpha-BHC	ND	0.728	0.207	U
319-85-7	Beta-BHC	ND	1.75	0.663	U
76-44-8	Heptachlor	ND	0.874	0.392	U
309-00-2	Aldrin	ND	1.75	0.615	U
72-20-8	Endrin	ND	0.728	0.299	U
60-57-1	Dieldrin	ND	1.09	0.546	U
72-55-9	4,4'-DDE	8.34	1.75	0.404	
72-54-8	4,4'-DDD	5.30	1.75	0.623	
50-29-3	4,4'-DDT	3.04	1.75	1.40	
959-98-8	Endosulfan I	ND	1.75	0.413	U
33213-65-9	Endosulfan II	ND	1.75	0.584	U
1031-07-8	Endosulfan sulfate	ND	0.728	0.347	U
5103-71-9	cis-Chlordane	ND	2.18	0.609	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-07
 Client ID : TP-110 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-42
 Sample Amount : 15.74 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 15:31
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 85
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.80	0.352	U
58-89-9	Lindane	ND	0.749	0.335	U
319-84-6	Alpha-BHC	ND	0.749	0.213	U
319-85-7	Beta-BHC	ND	1.80	0.682	U
76-44-8	Heptachlor	ND	0.899	0.403	U
309-00-2	Aldrin	ND	1.80	0.633	U
72-20-8	Endrin	ND	0.749	0.307	U
60-57-1	Dieldrin	ND	1.12	0.562	U
72-55-9	4,4'-DDE	ND	1.80	0.416	U
72-54-8	4,4'-DDD	ND	1.80	0.641	U
50-29-3	4,4'-DDT	ND	1.80	1.44	U
959-98-8	Endosulfan I	ND	1.80	0.425	U
33213-65-9	Endosulfan II	ND	1.80	0.601	U
1031-07-8	Endosulfan sulfate	ND	0.749	0.357	U
5103-71-9	cis-Chlordane	ND	2.25	0.626	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-43
 Sample Amount : 15.49 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 15:43
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST11
 GC Column : CLPPesticidesII
 %Solids : 80
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.94	0.381	U
58-89-9	Lindane	ND	0.810	0.362	U
319-84-6	Alpha-BHC	ND	0.810	0.230	U
319-85-7	Beta-BHC	ND	1.94	0.737	U
76-44-8	Heptachlor	ND	0.972	0.436	U
309-00-2	Aldrin	ND	1.94	0.684	U
72-20-8	Endrin	ND	0.810	0.332	U
60-57-1	Dieldrin	ND	1.22	0.608	U
72-55-9	4,4'-DDE	12.1	1.94	0.450	
72-54-8	4,4'-DDD	2.23	1.94	0.693	IP
50-29-3	4,4'-DDT	46.3	1.94	1.56	P
959-98-8	Endosulfan I	ND	1.94	0.459	U
33213-65-9	Endosulfan II	ND	1.94	0.650	U
1031-07-8	Endosulfan sulfate	ND	0.810	0.386	U
5103-71-9	cis-Chlordane	ND	2.43	0.677	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-09
 Client ID : TP-112 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-44
 Sample Amount : 15.22 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:05
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 15:54
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.83	0.358	U
58-89-9	Lindane	ND	0.761	0.340	U
319-84-6	Alpha-BHC	ND	0.761	0.216	U
319-85-7	Beta-BHC	ND	1.83	0.693	U
76-44-8	Heptachlor	ND	0.914	0.410	U
309-00-2	Aldrin	ND	1.83	0.643	U
72-20-8	Endrin	ND	0.761	0.312	U
60-57-1	Dieldrin	0.913	1.14	0.571	JIP
72-54-8	4,4'-DDD	1.73	1.83	0.652	JIP
50-29-3	4,4'-DDT	23.8	1.83	1.47	
959-98-8	Endosulfan I	ND	1.83	0.432	U
33213-65-9	Endosulfan II	ND	1.83	0.610	U
1031-07-8	Endosulfan sulfate	ND	0.761	0.362	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : L2547432-09 Client ID : TP-112 FILL Sample Location : 160 CENTER STREET, CANASTOTA, NY Sample Matrix : SOIL Analytical Method : 1,8081B Lab File ID : 11250808a-44 Sample Amount : 15.22 g Extraction Method : EPA 3546 Extract Volume : 1000 uL GPC Cleanup : N Sulfur Cleanup : Y	Lab Number : L2547432 Project Number : W96.013.001 Date Collected : 07/29/25 09:05 Date Received : 07/29/25 Date Analyzed : 08/08/25 15:54 Date Extracted : 08/06/25 Dilution Factor : 1 Analyst : EMR Instrument ID : PEST11 GC Column : CLPPesticidesII %Solids : 86 Injection Volume : 1 uL
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CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
72-55-9	4,4'-DDE	9.49	1.83	0.422	
5103-71-9	cis-Chlordane	1.76	2.28	0.636	JIP



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-10
 Client ID : TP-112 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-46
 Sample Amount : 15.35 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:15
 Date Received : 07/29/25
 Date Analyzed : 08/08/25 16:18
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 82
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.90	0.372	U
58-89-9	Lindane	ND	0.791	0.353	U
319-84-6	Alpha-BHC	ND	0.791	0.224	U
319-85-7	Beta-BHC	ND	1.90	0.719	U
76-44-8	Heptachlor	ND	0.949	0.425	U
309-00-2	Aldrin	ND	1.90	0.668	U
72-20-8	Endrin	ND	0.791	0.324	U
60-57-1	Dieldrin	ND	1.18	0.593	U
72-55-9	4,4'-DDE	ND	1.90	0.439	U
72-54-8	4,4'-DDD	ND	1.90	0.677	U
50-29-3	4,4'-DDT	ND	1.90	1.52	U
959-98-8	Endosulfan I	ND	1.90	0.448	U
33213-65-9	Endosulfan II	ND	1.90	0.634	U
1031-07-8	Endosulfan sulfate	ND	0.791	0.376	U
5103-71-9	cis-Chlordane	ND	2.37	0.661	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-16
 Sample Amount : 15.52 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 13:08
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 78
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.97	0.386	U
58-89-9	Lindane	ND	0.822	0.367	U
319-84-6	Alpha-BHC	ND	0.822	0.233	U
319-85-7	Beta-BHC	ND	1.97	0.748	U
76-44-8	Heptachlor	ND	0.986	0.442	U
309-00-2	Aldrin	ND	1.97	0.694	U
72-20-8	Endrin	ND	0.822	0.337	U
60-57-1	Dieldrin	ND	1.23	0.616	U
72-54-8	4,4'-DDD	2.31	1.97	0.704	
50-29-3	4,4'-DDT	36.6	1.97	1.59	
959-98-8	Endosulfan I	ND	1.97	0.466	U
33213-65-9	Endosulfan II	ND	1.97	0.659	U
1031-07-8	Endosulfan sulfate	ND	0.822	0.391	U
5103-71-9	cis-Chlordane	ND	2.46	0.687	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-11	Date Collected : 07/29/25 09:45
Client ID : TP-114 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 13:08
Sample Matrix : SOIL	Date Extracted : 08/07/25
Analytical Method : 1,8081B	Dilution Factor : 1
Lab File ID : 11250809a-16	Analyst : DLP
Sample Amount : 15.52 g	Instrument ID : PEST11
Extraction Method : EPA 3546	GC Column : CLPPesticidesII
Extract Volume : 1000 uL	%Solids : 78
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
72-55-9	4,4'-DDE	32.9	1.97	0.456	



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-17
 Sample Amount : 15.27 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 13:19
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 84
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.87	0.366	U
58-89-9	Lindane	ND	0.779	0.348	U
319-84-6	Alpha-BHC	ND	0.779	0.221	U
319-85-7	Beta-BHC	ND	1.87	0.709	U
76-44-8	Heptachlor	ND	0.934	0.419	U
309-00-2	Aldrin	ND	1.87	0.658	U
72-20-8	Endrin	ND	0.779	0.319	U
60-57-1	Dieldrin	ND	1.17	0.584	U
72-55-9	4,4'-DDE	ND	1.87	0.432	U
72-54-8	4,4'-DDD	ND	1.87	0.666	U
50-29-3	4,4'-DDT	ND	1.87	1.50	U
959-98-8	Endosulfan I	ND	1.87	0.442	U
33213-65-9	Endosulfan II	ND	1.87	0.624	U
1031-07-8	Endosulfan sulfate	ND	0.779	0.371	U
5103-71-9	cis-Chlordane	ND	2.34	0.651	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-18
 Sample Amount : 15.36 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 13:31
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 83
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.88	0.367	U
58-89-9	Lindane	ND	0.782	0.349	U
319-84-6	Alpha-BHC	ND	0.782	0.222	U
319-85-7	Beta-BHC	ND	1.88	0.711	U
76-44-8	Heptachlor	ND	0.938	0.420	U
309-00-2	Aldrin	ND	1.88	0.660	U
72-20-8	Endrin	ND	0.782	0.320	U
60-57-1	Dieldrin	ND	1.17	0.586	U
72-55-9	4,4'-DDE	1.64	1.88	0.434	J
72-54-8	4,4'-DDD	ND	1.88	0.669	U
959-98-8	Endosulfan I	ND	1.88	0.443	U
33213-65-9	Endosulfan II	ND	1.88	0.627	U
1031-07-8	Endosulfan sulfate	ND	0.782	0.372	U
5103-71-9	cis-Chlordane	ND	2.34	0.653	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-13	Date Collected : 07/29/25 08:45
Client ID : TP-115 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 13:31
Sample Matrix : SOIL	Date Extracted : 08/07/25
Analytical Method : 1,8081B	Dilution Factor : 1
Lab File ID : 11250809a-18	Analyst : DLP
Sample Amount : 15.36 g	Instrument ID : PEST11
Extraction Method : EPA 3546	GC Column : CLPPesticidesII
Extract Volume : 1000 uL	%Solids : 83
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
50-29-3	4,4'-DDT	ND	1.88	1.51	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-19
 Sample Amount : 15.43 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 13:43
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 86
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.82	0.356	U
58-89-9	Lindane	ND	0.757	0.338	U
319-84-6	Alpha-BHC	ND	0.757	0.215	U
319-85-7	Beta-BHC	ND	1.82	0.689	U
76-44-8	Heptachlor	ND	0.908	0.407	U
309-00-2	Aldrin	ND	1.82	0.640	U
72-20-8	Endrin	ND	0.757	0.310	U
60-57-1	Dieldrin	ND	1.14	0.568	U
72-55-9	4,4'-DDE	ND	1.82	0.420	U
72-54-8	4,4'-DDD	ND	1.82	0.648	U
50-29-3	4,4'-DDT	ND	1.82	1.46	U
959-98-8	Endosulfan I	ND	1.82	0.429	U
33213-65-9	Endosulfan II	ND	1.82	0.607	U
1031-07-8	Endosulfan sulfate	ND	0.757	0.360	U
5103-71-9	cis-Chlordane	ND	2.27	0.633	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-20
 Sample Amount : 15.59 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 13:54
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 76
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	2.04	0.399	U
58-89-9	Lindane	ND	0.848	0.379	U
319-84-6	Alpha-BHC	ND	0.848	0.241	U
319-85-7	Beta-BHC	ND	2.04	0.772	U
76-44-8	Heptachlor	ND	1.02	0.456	U
309-00-2	Aldrin	ND	2.04	0.717	U
72-20-8	Endrin	ND	0.848	0.348	U
60-57-1	Dieldrin	ND	1.27	0.636	U
72-54-8	4,4'-DDD	0.969	2.04	0.726	JIP
959-98-8	Endosulfan I	ND	2.04	0.481	U
33213-65-9	Endosulfan II	ND	2.04	0.680	U
1031-07-8	Endosulfan sulfate	ND	0.848	0.404	U
5103-71-9	cis-Chlordane	ND	2.54	0.709	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies	Lab Number : L2547432
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547432-15	Date Collected : 07/29/25 13:40
Client ID : TP-105 FILL	Date Received : 07/29/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/09/25 13:54
Sample Matrix : SOIL	Date Extracted : 08/07/25
Analytical Method : 1,8081B	Dilution Factor : 1
Lab File ID : 11250809a-20	Analyst : DLP
Sample Amount : 15.59 g	Instrument ID : PEST11
Extraction Method : EPA 3546	GC Column : CLPPesticidesII
Extract Volume : 1000 uL	%Solids : 76
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : Y	

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
72-55-9	4,4'-DDE	3.26	2.04	0.471	
50-29-3	4,4'-DDT	3.24	2.04	1.64	IP



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-23
 Sample Amount : 15.73 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 14:29
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 89
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.72	0.337	U
58-89-9	Lindane	ND	0.718	0.321	U
319-84-6	Alpha-BHC	ND	0.718	0.204	U
319-85-7	Beta-BHC	ND	1.72	0.653	U
76-44-8	Heptachlor	ND	0.861	0.386	U
309-00-2	Aldrin	ND	1.72	0.606	U
72-20-8	Endrin	ND	0.718	0.294	U
60-57-1	Dieldrin	ND	1.08	0.538	U
72-55-9	4,4'-DDE	ND	1.72	0.398	U
72-54-8	4,4'-DDD	ND	1.72	0.614	U
50-29-3	4,4'-DDT	ND	1.72	1.38	U
959-98-8	Endosulfan I	ND	1.72	0.407	U
33213-65-9	Endosulfan II	ND	1.72	0.575	U
1031-07-8	Endosulfan sulfate	ND	0.718	0.342	U
5103-71-9	cis-Chlordane	ND	2.15	0.600	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-24
 Sample Amount : 15.29 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/09/25 14:41
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : 75
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	2.10	0.410	U
58-89-9	Lindane	ND	0.873	0.390	U
319-84-6	Alpha-BHC	ND	0.873	0.248	U
319-85-7	Beta-BHC	ND	2.10	0.795	U
76-44-8	Heptachlor	ND	1.05	0.470	U
309-00-2	Aldrin	ND	2.10	0.738	U
72-20-8	Endrin	ND	0.873	0.358	U
60-57-1	Dieldrin	ND	1.31	0.655	U
72-55-9	4,4'-DDE	ND	2.10	0.485	U
72-54-8	4,4'-DDD	ND	2.10	0.747	U
50-29-3	4,4'-DDT	ND	2.10	1.68	U
959-98-8	Endosulfan I	ND	2.10	0.495	U
33213-65-9	Endosulfan II	ND	2.10	0.700	U
1031-07-8	Endosulfan sulfate	ND	0.873	0.416	U
5103-71-9	cis-Chlordane	0.773	2.62	0.730	JIP



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099755-1
 Client ID : WG2099755-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250809a-07
 Sample Amount : 15.65 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/09/25 11:23
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.53	0.300	U
58-89-9	Lindane	ND	0.639	0.286	U
319-84-6	Alpha-BHC	ND	0.639	0.181	U
319-85-7	Beta-BHC	ND	1.53	0.581	U
76-44-8	Heptachlor	ND	0.767	0.344	U
309-00-2	Aldrin	ND	1.53	0.540	U
72-20-8	Endrin	ND	0.639	0.262	U
60-57-1	Dieldrin	ND	0.958	0.479	U
72-55-9	4,4'-DDE	ND	1.53	0.355	U
72-54-8	4,4'-DDD	ND	1.53	0.547	U
50-29-3	4,4'-DDT	ND	1.53	1.23	U
959-98-8	Endosulfan I	ND	1.53	0.362	U
33213-65-9	Endosulfan II	ND	1.53	0.512	U
1031-07-8	Endosulfan sulfate	ND	0.639	0.304	U
5103-71-9	cis-Chlordane	ND	1.92	0.534	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099961-1
 Client ID : WG2099961-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8081B
 Lab File ID : 11250808a-25
 Sample Amount : 15.93 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/08/25 12:14
 Date Extracted : 08/06/25
 Dilution Factor : 1
 Analyst : KAB
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	1.51	0.295	U
58-89-9	Lindane	ND	0.628	0.281	U
319-84-6	Alpha-BHC	ND	0.628	0.178	U
319-85-7	Beta-BHC	ND	1.51	0.571	U
76-44-8	Heptachlor	ND	0.753	0.338	U
309-00-2	Aldrin	ND	1.51	0.530	U
72-20-8	Endrin	ND	0.628	0.257	U
60-57-1	Dieldrin	ND	0.942	0.471	U
72-55-9	4,4'-DDE	ND	1.51	0.348	U
72-54-8	4,4'-DDD	ND	1.51	0.537	U
50-29-3	4,4'-DDT	ND	1.51	1.21	U
959-98-8	Endosulfan I	ND	1.51	0.356	U
33213-65-9	Endosulfan II	ND	1.51	0.503	U
1031-07-8	Endosulfan sulfate	ND	0.628	0.299	U
5103-71-9	cis-Chlordane	ND	1.88	0.525	U



Identification Summary

Form 10

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2547432-01
 Client ID : TP-101 FILL
 Date Analyzed (1) : 08/12/25 13:22
 Instrument ID (1) : PEST18
 GC Column (1) : CLPPesticides

Lab Number : L2547432
 Project Number : W96.013.001
 Date Analyzed (2) : 08/12/25 13:22
 Instrument ID (2) : PEST18
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	4.43	4.38	4.48	2.46	NC
	2	5.26	5.21	5.31	1.72J	
4,4'-DDD	1	5.11	5.06	5.16	1.88	75
	2	5.82	5.78	5.88	4.14	
4,4'-DDT	1	5.40	5.34	5.44	9.5	1
	2	6.11	6.06	6.16	9.58	
alpha-Chlordane (cis	1	4.32	4.27	4.37	24.8	50
	2	5.07	5.02	5.12	14.8	



Identification Summary

Form 10

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2547432-02
 Client ID : TP-101 NATIVE
 Date Analyzed (1) : 08/08/25 12:48
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2547432
 Project Number : W96.013.001
 Date Analyzed (2) : 08/08/25 12:48
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	4.86	4.80	4.90	0.671J	NC
	2	5.56	5.51	5.61	0.974J	
4,4'-DDD	1	5.46	5.40	5.50	0.73J	NC
	2	6.10	6.05	6.15	3.1	
4,4'-DDT	1	5.72	5.67	5.77	2.92	15
	2	6.38	6.33	6.43	2.52	
alpha-Chlordane (cis)	1	4.78	4.73	4.83	9.32	2
	2	5.42	5.36	5.46	9.48	



Identification Summary **Form 10** **Pesticides**

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2547432-04
 Client ID : TP-108 FILL
 Date Analyzed (1) : 08/08/25 13:47
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2547432
 Project Number : W96.013.001
 Date Analyzed (2) : 08/08/25 13:47
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	4.86	4.80	4.90	1.71J	NC
	2	5.56	5.51	5.61	7.84	
4,4'-DDT	1	5.72	5.67	5.77	2.04	NC
	2	6.38	6.33	6.43	1.69J	

Identification Summary

Form 10

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2547432-08
 Client ID : TP-111 FILL
 Date Analyzed (1) : 08/08/25 15:43
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2547432
 Project Number : W96.013.001
 Date Analyzed (2) : 08/08/25 15:43
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	4.85	4.80	4.90	8.51	
	2	5.56	5.51	5.61	12.1	35
4,4'-DDD	1	5.43	5.40	5.50	35.3	
	2	6.10	6.05	6.15	2.23	176
4,4'-DDT	1	5.71	5.67	5.77	4.14	
	2	6.39	6.33	6.43	46.3	167

Identification Summary

Form 10

Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2547432-09
 Client ID : TP-112 FILL
 Date Analyzed (1) : 08/08/25 15:54
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2547432
 Project Number : W96.013.001
 Date Analyzed (2) : 08/08/25 15:54
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
Dieldrin	1	5.16	5.11	5.21	0.913J	NC
	2	5.73	5.69	5.79	12.5	
4,4'-DDE	1	4.86	4.80	4.90	9.15	4
	2	5.56	5.51	5.61	9.49	
4,4'-DDD	1	5.46	5.40	5.50	1.73J	NC
	2	6.10	6.05	6.15	3.32	
4,4'-DDT	1	5.72	5.67	5.77	23.8	5
	2	6.38	6.33	6.43	22.6	
alpha-Chlordane (cis)	1	4.77	4.73	4.83	3.97	NC
	2	5.41	5.36	5.46	1.76J	



Identification Summary Form 10 Pesticides

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab Sample ID : L2547432-15
 Client ID : TP-105 FILL
 Date Analyzed (1) : 08/09/25 13:54
 Instrument ID (1) : PEST11
 GC Column (1) : CLPPesticides

Lab Number : L2547432
 Project Number : W96.013.001
 Date Analyzed (2) : 08/09/25 13:54
 Instrument ID (2) : PEST11
 GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
4,4'-DDE	1	4.85	4.80	4.90	2.54	
	2	5.55	5.50	5.60	3.26	25
4,4'-DDD	1	5.45	5.40	5.50	0.969J	
	2	6.10	6.05	6.15	3.08	NC
4,4'-DDT	1	5.72	5.67	5.77	5.98	
	2	6.38	6.32	6.42	3.24	59

Identification Summary Form 10 Pesticides

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab Sample ID : L2547432-17
Client ID : DUP-02
Date Analyzed (1) : 08/09/25 14:41
Instrument ID (1) : PEST11
GC Column (1) : CLPPesticides

Lab Number : L2547432
Project Number : W96.013.001
Date Analyzed (2) : 08/09/25 14:41
Instrument ID (2) : PEST11
GC Column (2) : CLPPesticidesII

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
alpha-Chlordane (cis)	1	4.78	4.72	4.82	0.773J	NC
	2	5.41	5.36	5.46	1.55J	

Laboratory Control Sample (Low Level) Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL ()
 LCS Sample ID : WG2102184-2
 LCSD Sample ID :

Lab Number : L2547432
 Project Number : W96.013.001
 Analysis Date : 08/14/25 05:02
 File ID : SCI08_250814_09.wiff2
 Analysis Date :
 File ID :

	Laboratory Control Sample (LOW)			Laboratory Control Duplicate (LOW)					
Parameter	True (ng/g)	Found (ng/g)	%R	True (ng/g)	Found (ng/g)	%R	RPD	Recovery Limits	RPD Limit
(PFOS)									
Perfluorodecanoic Acid (PFDA)	0.4	0.497	124				-	70-155	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	1.54	1.82	118				-	70-150	30
Perfluorononanesulfonic Acid	0.386	0.402	104				-	55-140	30
(PFNS)									
N-Methyl Perfluorooctanesulfonamide	0.4	0.395	99				-	65-155	30
doacetic Acid (NMeFOSAA)									
Perfluoroundecanoic Acid (PFUnA)	0.4	0.467	117				-	70-155	30
Perfluorodecanesulfonic Acid	0.386	0.382	99				-	40-155	30
(PFDS)									
Perfluorooctanesulfonamide	0.4	0.452	113				-	70-140	30
(PFOSA)									
N-Ethyl Perfluorooctanesulfonamide	0.4	0.421	105				-	65-165	30
oacetic Acid (NEtFOSAA)									
Perfluorododecanoic Acid (PFDoA)	0.4	0.498	125				-	70-150	30
Perfluorotridecanoic Acid	0.4	0.575	144				-	65-150	30
(PFTTrDA)									



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL ()
 LCS Sample ID : WG2102184-3 Analysis Date : 08/14/25 05:11 File ID : SCI08_250814_10.wiff2
 LCSD Sample ID : Analysis Date : File ID :

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/g)	Found (ng/g)	%R	True (ng/g)	Found (ng/g)	%R			
Perfluorobutanoic Acid (PFBA)	8	9.34	117				-	70-140	30
Perfluoropentanoic Acid (PFPeA)	4	4.25	106				-	60-150	30
Perfluorobutanesulfonic Acid (PFBS)	1.78	2.16	121				-	65-145	30
1H,1H,2H,2H-Perfluorohexanesulfon ic Acid (4:2FTS)		9.89	132				-	60-150	30
Perfluorohexanoic Acid (PFHxA)	2	2.38	119				-	65-140	30
Perfluoropentanesulfonic Acid (PFPeS)	1.88	2.30	122				-	55-160	30
Perfluoroheptanoic Acid (PFHpA)	2	2.43	121				-	65-145	30
Perfluorohexanesulfonic Acid (PFHxS)	1.83	2.14	117				-	60-150	30
Perfluorooctanoic Acid (PFOA)	2	2.10	105				-	70-150	30
1H,1H,2H,2H-Perfluorooctanesulfon ic Acid (6:2FTS)		9.76	128				-	55-200	30
Perfluoroheptanesulfonic Acid (PFHpS)	1.9	2.04	107				-	65-155	30
Perfluorononanoic Acid (PFNA)	2	2.72	136				-	70-155	30
Perfluorooctanesulfonic Acid	1.86	1.97	106				-	65-160	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL ()
 LCS Sample ID : WG2102184-3 Analysis Date : 08/14/25 05:11 File ID : SCI08_250814_10.wiff2
 LCSD Sample ID : Analysis Date : File ID :

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/g)	Found (ng/g)	%R	True (ng/g)	Found (ng/g)	%R			
(PFOS)									
Perfluorodecanoic Acid (PFDA)	2	2.60	130				-	70-155	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	7.68	8.53	111				-	70-150	30
Perfluorononanesulfonic Acid	1.93	2.08	108				-	55-140	30
(PFNS)									
N-Methyl Perfluorooctanesulfonamide	2	2.37	119				-	65-155	30
doacetic Acid (NMeFOSAA)									
Perfluoroundecanoic Acid (PFUnA)	2	2.48	124				-	70-155	30
Perfluorodecanesulfonic Acid	1.93	1.99	103				-	40-155	30
(PFDS)									
Perfluorooctanesulfonamide	2	2.16	108				-	70-140	30
(PFOSA)									
N-Ethyl Perfluorooctanesulfonamide	2	2.79	139				-	65-165	30
oacetic Acid (NEtFOSAA)									
Perfluorododecanoic Acid (PFDoA)	2	2.59	130				-	70-150	30
Perfluorotridecanoic Acid	2	3.21	160 Q				-	65-150	30
(PFTTrDA)									



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2547432
Project Number: W96.013.001
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
TP-101 FILL (L2547432-01)	114	111	103	101	112	112	103
TP-101 NATIVE (L2547432-02)	111	106	110	105	107	108	112
TP-108 FILL (L2547432-04)	117	109	119	113	108	114	122
TP-108 NATIVE (L2547432-05)	98	90	74	84	89	83	68
TP-110 FILL (L2547432-06)	100	99	77	86	94	101	77
TP-110 NATIVE (L2547432-07)	91	92	76	82	89	87	72
TP-111 FILL (L2547432-08)	98	98	81	85	95	97	83
TP-112 FILL (L2547432-09)	107	100	81	95	98	103	79
TP-112 NATIVE (L2547432-10R)	95	93	70	75	95	94	67
TP-114 FILL (L2547432-11)	137*	125	102	106	125	126	102
TP-114 NATIVE (L2547432-12)	111	113	87	96	107	102	84
TP-115 FILL (L2547432-13)	130	124	87	108	125	129	92
TP-115 NATIVE (L2547432-14R)	98	91	72	75	93	91	69
TP-105 FILL (L2547432-15)	134*	125	112	276*	129	130	104
TP-105 NATIVE (L2547432-16)	122	124	111	107	116	115	110
DUP-02 (L2547432-17)	132*	128	135	336*	130	121	127
WG2102184-1BLANK	128	134*	106	115	126	138*	112
WG2102184-2LCS	123	124	99	105	117	118	92
WG2102184-3LCS	106	115	94	96	106	108	89
TP-105 FILLMS	122	113	96	208*	110	115	92
TP-105 FILLMSD	120	115	106	157	116	124	97

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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2547432
Project Number: W96.013.001
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
TP-101 FILL (L2547432-01)	126	111	111	107	99	140	118
TP-101 NATIVE (L2547432-02)	117	105	112	115	107	128	109
TP-108 FILL (L2547432-04)	115	125	107	124	115	155	127
TP-108 NATIVE (L2547432-05)	84	81	80	67	78	79	66
TP-110 FILL (L2547432-06)	91	87	84	73	82	94	69
TP-110 NATIVE (L2547432-07)	83	78	81	73	79	81	66
TP-111 FILL (L2547432-08)	92	89	94	79	94	100	83
TP-112 FILL (L2547432-09)	93	98	97	79	90	110	85
TP-112 NATIVE (L2547432-10R)	86	81	84	65	76	70	62
TP-114 FILL (L2547432-11)	118	116	114	117	110	141	117
TP-114 NATIVE (L2547432-12)	103	97	97	80	101	100	71
TP-115 FILL (L2547432-13)	112	120	127	92	109	139	140*
TP-115 NATIVE (L2547432-14R)	92	83	76	73	88	78	85
TP-105 FILL (L2547432-15)	126	459*	118	103	111	546*	287*
TP-105 NATIVE (L2547432-16)	124	108	114	121	113	132	113
DUP-02 (L2547432-17)	121	586*	126	131*	115	654*	294*
WG2102184-1BLANK	132*	126	134*	108	125	136	109
WG2102184-2LCS	119	104	114	107	105	115	105
WG2102184-3LCS	118	94	100	103	100	114	99
TP-105 FILLMS	117	398*	118	95	107	473*	238*
TP-105 FILLMSD	118	315*	112	98	108	377*	213*

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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2547432
Project Number: W96.013.001
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
TP-101 FILL (L2547432-01)	109	113	113	79	116	120	105
TP-101 NATIVE (L2547432-02)	112	115	112	78	125	119	103
TP-108 FILL (L2547432-04)	119	117	131	82	135*	120	100
TP-108 NATIVE (L2547432-05)	84	81	59	53	76	102	89
TP-110 FILL (L2547432-06)	92	75	72	57	92	109	84
TP-110 NATIVE (L2547432-07)	86	87	68	54	90	97	93
TP-111 FILL (L2547432-08)	102	91	73	68	108	105	91
TP-112 FILL (L2547432-09)	96	91	87	63	100	106	86
TP-112 NATIVE (L2547432-10R)	62	83	49	62	93	102	87
TP-114 FILL (L2547432-11)	124	125	117	84	132*	136*	125
TP-114 NATIVE (L2547432-12)	102	104	62	99	108	121	107
TP-115 FILL (L2547432-13)	121	105	143	77	118	136*	110
TP-115 NATIVE (L2547432-14R)	75	90	61	78	112	104	92
TP-105 FILL (L2547432-15)	113	123	254*	79	129	134*	108
TP-105 NATIVE (L2547432-16)	122	134*	114	92	160*	126	115
DUP-02 (L2547432-17)	128	112	270*	84	160*	136*	87
WG2102184-1BLANK	129	122	106	114	138*	143*	120
WG2102184-2LCS	109	114	98	76	119	127	120
WG2102184-3LCS	106	105	88	69	115	121	111
TP-105 FILLMS	116	116	228*	77	132*	119	100
TP-105 FILLMSD	120	119	234*	79	123	126	101

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)



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_11
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:20
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.138	0.896	0.031	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.093	0.448	0.043	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.224	0.022	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.896	0.087	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.082	0.224	0.017	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.224	0.030	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.090	0.224	0.013	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.050	0.224	0.022	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.254	0.224	0.030	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.896	0.166	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.224	0.050	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.093	0.224	0.014	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.03	0.224	0.035	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.124	0.224	0.039	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.896	0.290	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.224	0.033	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.224	0.096	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.039	0.224	0.014	JF



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_11
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:20
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.224	0.016	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.224	0.012	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.224	0.049	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.049	0.224	0.023	J
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.224	0.018	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.224	0.027	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.896	0.043	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.896	0.033	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.224	0.024	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.896	0.033	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.896	0.045	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.224	0.030	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.224	0.024	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.24	0.136	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-01
 Client ID : TP-101 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_11
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:20
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:20
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.24	0.091	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.448	0.019	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.448	0.027	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.448	0.052	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.448	0.092	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.12	0.103	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.60	0.264	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.60	0.409	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_12
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:29
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.053	1.02	0.036	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.060	0.510	0.049	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.255	0.026	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	1.02	0.099	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.079	0.255	0.019	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.255	0.034	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.089	0.255	0.015	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.120	0.255	0.026	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.424	0.255	0.034	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.02	0.189	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.255	0.057	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.156	0.255	0.016	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.32	0.255	0.040	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.056	0.255	0.045	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.02	0.331	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.255	0.038	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.255	0.109	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.255	0.016	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_12
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:29
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.255	0.018	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.255	0.013	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.255	0.056	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.255	0.027	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.255	0.020	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.255	0.031	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	1.02	0.049	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	1.02	0.038	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.255	0.028	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	1.02	0.038	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	1.02	0.051	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.255	0.034	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.255	0.028	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.55	0.155	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-02
 Client ID : TP-101 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_12
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 14:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:29
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.55	0.104	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.510	0.021	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.510	0.031	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.510	0.059	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.510	0.105	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.28	0.117	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	6.38	0.301	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	6.38	0.466	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-04
 Client ID : TP-108 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_13
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:20
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:38
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 80
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.144	1.00	0.035	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.066	0.502	0.048	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.251	0.025	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	1.00	0.097	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.090	0.251	0.019	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.251	0.033	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.114	0.251	0.015	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.058	0.251	0.025	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.412	0.251	0.033	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.00	0.186	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.251	0.056	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.088	0.251	0.016	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.412	0.251	0.039	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.251	0.044	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.00	0.325	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.251	0.037	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.251	0.107	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.028	0.251	0.016	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-04
 Client ID : TP-108 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_13
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:20
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:38
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 80
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.251	0.018	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.251	0.013	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.251	0.055	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.251	0.026	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.251	0.020	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.251	0.030	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	1.00	0.048	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	1.00	0.037	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.251	0.027	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	1.00	0.037	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	1.00	0.050	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.251	0.033	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.251	0.027	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.51	0.152	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-04
 Client ID : TP-108 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_13
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:20
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:38
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 80
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.51	0.102	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.502	0.021	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.502	0.030	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.502	0.058	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.502	0.103	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.25	0.115	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	6.27	0.296	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	6.27	0.459	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-05
 Client ID : TP-108 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_14
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:47
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.931	0.033	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.466	0.045	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.233	0.023	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.931	0.090	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.233	0.018	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.233	0.031	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.233	0.014	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.030	0.233	0.023	J
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.233	0.031	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.931	0.172	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.233	0.052	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.233	0.015	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.233	0.036	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.233	0.041	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.931	0.302	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.233	0.034	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.233	0.100	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.233	0.015	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-05
 Client ID : TP-108 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_14
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:47
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.233	0.017	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.233	0.012	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.233	0.051	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.233	0.024	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.233	0.019	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.233	0.028	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.931	0.045	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.931	0.034	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.233	0.025	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.931	0.034	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.931	0.047	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.233	0.031	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.233	0.025	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.33	0.142	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-05
 Client ID : TP-108 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_14
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:47
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.33	0.095	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.466	0.020	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.466	0.028	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.466	0.054	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.466	0.096	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.16	0.107	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.82	0.275	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.82	0.426	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-06
 Client ID : TP-110 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_15
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:00
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:56
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 91
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.180	0.881	0.031	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.085	0.440	0.042	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.220	0.022	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.881	0.086	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.10	0.220	0.017	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.220	0.029	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.056	0.220	0.013	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.085	0.220	0.022	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.248	0.220	0.029	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.881	0.163	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.220	0.049	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.063	0.220	0.014	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.283	0.220	0.034	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.220	0.039	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.881	0.285	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.220	0.033	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.220	0.094	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.220	0.014	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-06
 Client ID : TP-110 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_15
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:00
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:56
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 91
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.220	0.016	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.220	0.011	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.220	0.048	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.220	0.023	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.220	0.018	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.220	0.026	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.881	0.042	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.881	0.033	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.220	0.024	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.881	0.033	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.881	0.044	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.220	0.029	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.220	0.024	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.20	0.134	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-06
 Client ID : TP-110 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_15
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:00
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 05:56
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 91
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.20	0.090	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.440	0.019	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.440	0.026	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.440	0.051	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.440	0.091	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.10	0.101	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.51	0.260	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.51	0.403	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-07
 Client ID : TP-110 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_16
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:05
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:04
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 85
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.943	0.033	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.472	0.045	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.236	0.024	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.943	0.092	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.236	0.018	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.236	0.031	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.236	0.014	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.236	0.024	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.236	0.031	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.943	0.174	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.236	0.053	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.236	0.015	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.049	0.236	0.037	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.236	0.042	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.943	0.306	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.236	0.035	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.236	0.101	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.236	0.015	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-07
 Client ID : TP-110 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_16
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:05
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:04
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 85
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.236	0.017	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.236	0.012	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.236	0.052	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.236	0.025	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.236	0.019	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.236	0.028	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.943	0.045	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.943	0.035	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.236	0.026	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.943	0.035	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.943	0.047	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.236	0.031	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.236	0.026	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.36	0.143	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-07
 Client ID : TP-110 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_16
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 11:05
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:04
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 85
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.36	0.096	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.472	0.020	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.472	0.028	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.472	0.055	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.472	0.097	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.18	0.108	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.90	0.278	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.90	0.431	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_17
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:13
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 80
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.055	1.00	0.035	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.502	0.048	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.251	0.025	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	1.00	0.097	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.251	0.019	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.251	0.033	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.035	0.251	0.015	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.251	0.025	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.248	0.251	0.033	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.00	0.186	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.251	0.056	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.095	0.251	0.016	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.16	0.251	0.039	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.251	0.044	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.00	0.325	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.251	0.037	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.251	0.107	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.040	0.251	0.016	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_17
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:13
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 80
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.251	0.018	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.175	0.251	0.013	JF
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.02	0.251	0.055	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.251	0.026	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.251	0.020	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.251	0.030	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	1.00	0.048	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	1.00	0.037	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.251	0.027	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	1.00	0.037	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	1.00	0.050	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.251	0.033	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.040	0.251	0.027	J
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.51	0.152	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-08
 Client ID : TP-111 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_17
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 10:30
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:13
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 80
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.51	0.102	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.502	0.021	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.502	0.030	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.502	0.058	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.502	0.103	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.25	0.115	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	6.27	0.296	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	6.27	0.459	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-09
 Client ID : TP-112 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_18
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:05
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:22
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.298	0.927	0.032	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.084	0.463	0.045	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.232	0.023	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.927	0.090	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.119	0.232	0.018	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.232	0.031	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.089	0.232	0.014	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.062	0.232	0.023	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.564	0.232	0.031	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.927	0.171	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.232	0.052	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.102	0.232	0.015	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.777	0.232	0.036	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.232	0.041	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.927	0.300	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.232	0.034	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.232	0.099	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.032	0.232	0.015	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-09
 Client ID : TP-112 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_18
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:05
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:22
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.232	0.017	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.232	0.012	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.232	0.051	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.232	0.024	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.232	0.019	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.232	0.028	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.927	0.045	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.927	0.034	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.232	0.025	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.927	0.034	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.927	0.046	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.232	0.031	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.232	0.025	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.32	0.141	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-09
 Client ID : TP-112 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_18
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:05
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:22
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.32	0.095	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.463	0.020	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.463	0.028	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.463	0.054	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.463	0.096	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.16	0.107	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.79	0.273	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.79	0.424	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-10R
 Client ID : TP-112 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250814_61
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:15
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 13:18
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 82
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.971	0.034	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.485	0.047	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.243	0.024	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.971	0.094	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.243	0.018	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.243	0.032	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.243	0.015	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.243	0.024	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.243	0.032	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.971	0.180	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.243	0.054	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.243	0.016	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.243	0.038	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.243	0.043	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.971	0.314	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.243	0.036	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.243	0.104	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.243	0.016	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-10R
 Client ID : TP-112 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250814_61
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:15
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 13:18
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 82
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.243	0.018	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.243	0.013	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.243	0.053	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.243	0.025	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.243	0.019	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.243	0.029	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.971	0.047	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.971	0.036	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.243	0.026	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.971	0.036	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.971	0.049	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.243	0.032	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.243	0.026	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.43	0.148	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-10R
 Client ID : TP-112 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250814_61
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:15
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 13:18
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 82
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.43	0.099	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.485	0.020	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.485	0.029	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.485	0.056	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.485	0.100	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.21	0.112	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	6.07	0.286	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	6.07	0.444	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_20
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:40
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.676	1.02	0.036	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.226	0.510	0.049	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.077	0.255	0.026	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	1.02	0.099	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.231	0.255	0.019	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.255	0.034	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.280	0.255	0.015	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.148	0.255	0.026	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.911	0.255	0.034	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.02	0.189	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.255	0.057	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.193	0.255	0.016	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.45	0.255	0.040	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.094	0.255	0.045	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.02	0.331	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.255	0.038	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.255	0.109	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.071	0.255	0.016	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_20
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:40
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.255	0.018	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.255	0.013	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.255	0.056	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.032	0.255	0.027	J
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	0.031	0.255	0.020	J
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.255	0.031	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	1.02	0.049	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	1.02	0.038	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.255	0.028	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	1.02	0.038	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	1.02	0.051	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.255	0.034	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.255	0.028	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.55	0.155	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-11
 Client ID : TP-114 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_20
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:45
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 06:40
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 78
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.55	0.104	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.510	0.021	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.510	0.031	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.510	0.059	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.510	0.105	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.28	0.117	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	6.38	0.301	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	6.38	0.466	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_24
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:20
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.951	0.033	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.476	0.046	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.238	0.024	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.951	0.092	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.238	0.018	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.238	0.031	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.238	0.014	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.238	0.024	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.238	0.031	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.951	0.176	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.238	0.053	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.238	0.015	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.108	0.238	0.037	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.238	0.042	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.951	0.308	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.238	0.035	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.238	0.102	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.238	0.015	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_24
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:20
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.238	0.017	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.238	0.012	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.238	0.052	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.238	0.025	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.238	0.019	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.238	0.029	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.951	0.046	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.951	0.035	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.238	0.026	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.951	0.035	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.951	0.048	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.238	0.031	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.238	0.026	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.38	0.144	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-12
 Client ID : TP-114 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_24
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 09:55
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:20
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 84
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.38	0.097	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.476	0.020	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.476	0.029	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.476	0.055	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.476	0.098	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.19	0.109	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.94	0.281	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.94	0.435	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_25
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:29
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.331	0.960	0.034	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.10	0.480	0.046	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.029	0.240	0.024	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.960	0.093	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.150	0.240	0.018	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.240	0.032	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.128	0.240	0.014	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.159	0.240	0.024	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.582	0.240	0.032	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.960	0.178	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.240	0.054	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.142	0.240	0.015	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.737	0.240	0.037	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.057	0.240	0.042	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.960	0.311	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.240	0.036	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.240	0.103	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.052	0.240	0.015	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_25
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:29
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.240	0.017	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.240	0.013	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.240	0.053	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.240	0.025	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.240	0.019	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.240	0.029	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.960	0.046	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.960	0.036	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.240	0.026	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.960	0.036	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.960	0.048	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.240	0.032	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.240	0.026	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.40	0.146	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-13
 Client ID : TP-115 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_25
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:45
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:29
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 83
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.40	0.098	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.480	0.020	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.480	0.029	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.480	0.056	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.480	0.099	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.20	0.110	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	6.00	0.283	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	6.00	0.439	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14R
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250814_62
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 13:27
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.046	0.934	0.033	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.467	0.045	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.234	0.023	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.934	0.091	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.234	0.018	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.234	0.031	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.234	0.014	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.234	0.023	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.234	0.031	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.934	0.173	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.234	0.052	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.234	0.015	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.234	0.036	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.234	0.041	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.934	0.303	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.234	0.035	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.234	0.100	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.234	0.015	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14R
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250814_62
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 13:27
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.234	0.017	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.234	0.012	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.234	0.051	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.234	0.024	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.234	0.019	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.234	0.028	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.934	0.045	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.934	0.035	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.234	0.025	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.934	0.035	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.934	0.047	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.234	0.031	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.234	0.025	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.34	0.142	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-14R
 Client ID : TP-115 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI12_250814_62
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 08:50
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 13:27
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : 86
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.34	0.095	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.467	0.020	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.467	0.028	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.467	0.054	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.467	0.096	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.17	0.107	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.84	0.276	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.84	0.427	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_27
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:47
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 76
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.202	1.06	0.037	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.080	0.529	0.051	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.264	0.026	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	1.06	0.103	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.089	0.264	0.020	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.264	0.035	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.085	0.264	0.016	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.075	0.264	0.026	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.261	0.264	0.035	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.06	0.196	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.264	0.059	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.040	0.264	0.017	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.251	0.264	0.041	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.264	0.047	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.06	0.343	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.264	0.039	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.264	0.113	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.264	0.017	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_27
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:47
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 76
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.264	0.019	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.264	0.014	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.264	0.058	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.264	0.028	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.264	0.021	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.264	0.032	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	1.06	0.051	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	1.06	0.039	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.264	0.029	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	1.06	0.039	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	1.06	0.053	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.264	0.035	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.264	0.029	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.64	0.161	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-15
 Client ID : TP-105 FILL
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_27
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 07:47
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 76
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.64	0.108	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.529	0.022	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.529	0.032	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.529	0.061	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.529	0.109	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.32	0.122	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	6.61	0.312	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	6.61	0.484	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_30
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 08:14
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.903	0.032	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.451	0.043	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.226	0.023	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.903	0.088	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.226	0.017	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.226	0.030	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.226	0.014	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.226	0.023	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.226	0.030	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.903	0.167	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.226	0.051	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.226	0.014	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.039	0.226	0.035	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.226	0.040	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.903	0.292	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.226	0.033	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.226	0.097	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.226	0.014	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_30
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 08:14
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.226	0.016	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.226	0.012	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.226	0.050	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.226	0.024	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.226	0.018	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.226	0.027	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.903	0.043	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.903	0.033	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.226	0.024	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.903	0.033	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.903	0.045	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.226	0.030	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.226	0.024	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.26	0.137	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-16
 Client ID : TP-105 NATIVE
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_30
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:50
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 08:14
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 89
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.26	0.092	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.451	0.019	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.451	0.027	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.451	0.052	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.451	0.093	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.13	0.104	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.64	0.266	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.64	0.413	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_31
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 08:23
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 75
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.176	1.07	0.037	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.079	0.534	0.051	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.267	0.027	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	1.07	0.104	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.104	0.267	0.020	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.267	0.035	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.141	0.267	0.016	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.036	0.267	0.027	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.363	0.267	0.035	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.238	1.07	0.198	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.267	0.060	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.098	0.267	0.017	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.287	0.267	0.042	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.267	0.047	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.07	0.346	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.267	0.040	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.267	0.114	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.033	0.267	0.017	J



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_31
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 08:23
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 75
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.267	0.019	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.267	0.014	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.267	0.059	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.267	0.028	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.267	0.021	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.267	0.032	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	1.07	0.051	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	1.07	0.040	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.267	0.029	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	1.07	0.040	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	1.07	0.053	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.267	0.035	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.267	0.029	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.67	0.162	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547432-17
 Client ID : DUP-02
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_31
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 00:00
 Date Received : 07/29/25
 Date Analyzed : 08/14/25 08:23
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS08
 GC Column : Acquity UPLC BEH C18
 %Solids : 75
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/g			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.67	0.109	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.534	0.022	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.534	0.032	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	0.534	0.062	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.534	0.110	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.34	0.123	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	6.68	0.315	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	6.68	0.488	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102184-1
 Client ID : WG2102184-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_08
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/14/25 04:53
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 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)	ND	0.200	0.026	U
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102184-1
 Client ID : WG2102184-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_08
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/14/25 04:53
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102184-1
 Client ID : WG2102184-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 144,1633
 Lab File ID : SCI08_250814_08
 Sample Amount : 5 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/14/25 04:53
 Date Extracted : 08/12/25
 Dilution Factor : 1
 Analyst : AC
 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



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : LCMS08
 Lab File ID : SCIO8_250814_22
 Sample No : WG2102833-5
 Channel :

Lab Number : L2547432
 Project Number : W96.013.001
 Calibration Date : 08/14/25 07:00
 Init. Calib. Date(s) : 08/04/25 08/04/25
 Init. Calib. Times : 13:03 14:14

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	20.035	20.000	100.2	70-130
Perfluoropentanoic Acid (PFPeA)	9.199	10.000	92	70-130
Perfluorobutanesulfonic Acid (PFBS)	4.528	4.435	102	70-130
Perfluorohexanoic Acid (PFHxA)	5.050	5.000	101	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	20.519	18.750	109.7	70-130
Perfluoropentanesulfonic Acid (PFPeS)	4.822	4.705	102.6	70-130
Perfluoroheptanoic Acid (PFHpA)	5.021	5.000	100.4	70-130
Perfluorohexanesulfonic Acid (PFHxS)	4.163	4.570	91.3	70-130
Perfluorooctanoic Acid (PFOA)	4.815	5.000	96.3	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	21.644	19.000	113.9	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	4.819	4.765	101.2	70-130
Perfluorononanoic Acid (PFNA)	4.954	5.000	99.1	70-130
Perfluorooctanesulfonic Acid (PFOS)	4.414	4.640	95.1	70-130
Perfluorodecanoic Acid (PFDA)	4.972	5.000	99.4	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	20.518	19.200	106.9	70-130
Perfluorononanesulfonic Acid (PFNS)	5.378	4.810	112	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	5.134	5.000	102.7	70-130
Perfluoroundecanoic Acid (PFUnA)	4.961	5.000	99.2	70-130
Perfluorodecanesulfonic Acid (PFDS)	4.921	4.825	102.1	70-130
Perfluorooctanesulfonamide (PFOSA)	4.950	5.000	99	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	5.513	5.000	110.3	70-130
Perfluorododecanoic Acid (PFDoA)	5.660	5.000	113.2	70-130
Perfluorotridecanoic Acid (PFTTrDA)	6.889	5.000	137.8*	70-130
Perfluorotetradecanoic Acid (PFTeDA)	5.298	5.000	106	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	20.718	20.000	103.6	70-130
4,8-Dioxo-3h-Perfluorononanoic Acid (ADONA)	19.874	18.900	105.2	70-130
Perfluorododecanesulfonic Acid (PFDoS)	5.320	4.850	109.9	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	18.877	18.700	101	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	20.787	18.900	110	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	5.490	5.000	109.8	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	5.042	5.000	100.8	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	48.473	50.000	97	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	51.220	50.000	102.4	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	10.398	10.000	104	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	9.262	10.000	92.6	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	9.240	8.900	103.6	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	11.405	10.000	114.1	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	23.289	25.000	93.2	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	131.017	125.000	104.8	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	125.266	125.000	100.2	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.540	10.000	105.4	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.587	5.000	111.7	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.412	2.330	103.5	70-130

* Value outside of QC limits.



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-01	Date Collected	: 07/29/25 14:20
Client ID	: TP-101 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 17:48
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.287g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	1020	8.70	2.83	
7440-36-0	Antimony, Total	ND	4.35	3.35	U
7440-38-2	Arsenic, Total	3.02	0.870	0.376	
7440-39-3	Barium, Total	68.3	0.870	0.092	
7440-41-7	Beryllium, Total	0.075	0.435	0.048	J
7440-43-9	Cadmium, Total	0.140	0.870	0.048	J
7440-70-2	Calcium, Total	31900	8.70	4.93	
7440-47-3	Chromium, Total	2.66	0.870	0.738	
7440-48-4	Cobalt, Total	1.14	1.74	0.216	J
7440-50-8	Copper, Total	13.8	0.870	0.198	
7439-89-6	Iron, Total	2830	4.35	0.914	
7439-92-1	Lead, Total	51.6	4.35	0.207	
7439-95-4	Magnesium, Total	4150	8.70	1.42	
7439-96-5	Manganese, Total	102	0.870	0.466	
7440-02-0	Nickel, Total	2.79	2.18	0.703	
7440-09-7	Potassium, Total	189	218	44.1	J
7782-49-2	Selenium, Total	ND	1.74	0.286	U
7440-22-4	Silver, Total	ND	0.435	0.259	U
7440-23-5	Sodium, Total	ND	174	92.2	U
7440-28-0	Thallium, Total	ND	1.74	0.785	U
7440-62-2	Vanadium, Total	3.09	0.870	0.131	
7440-66-6	Zinc, Total	41.6	4.35	0.527	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-02	Date Collected	: 07/29/25 14:30
Client ID	: TP-101 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 18:37
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.31g	%Solids	: 78
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	6750	9.74	3.16	
7440-36-0	Antimony, Total	ND	4.87	3.75	U
7440-38-2	Arsenic, Total	3.88	0.974	0.421	
7440-39-3	Barium, Total	52.4	0.974	0.103	
7440-41-7	Beryllium, Total	0.348	0.487	0.054	J
7440-43-9	Cadmium, Total	0.202	0.974	0.054	J
7440-70-2	Calcium, Total	23300	9.74	5.52	
7440-47-3	Chromium, Total	10.8	0.974	0.826	
7440-48-4	Cobalt, Total	6.62	1.95	0.241	
7440-50-8	Copper, Total	52.7	0.974	0.221	
7439-89-6	Iron, Total	14700	4.87	1.02	
7439-92-1	Lead, Total	178	4.87	0.232	
7439-95-4	Magnesium, Total	14200	9.74	1.59	
7439-96-5	Manganese, Total	341	0.974	0.522	
7440-02-0	Nickel, Total	17.0	2.43	0.787	
7440-09-7	Potassium, Total	664	243	49.4	
7782-49-2	Selenium, Total	ND	1.95	0.320	U
7440-22-4	Silver, Total	ND	0.487	0.290	U
7440-23-5	Sodium, Total	ND	195	103.	U
7440-28-0	Thallium, Total	ND	1.95	0.878	U
7440-62-2	Vanadium, Total	11.5	0.974	0.147	
7440-66-6	Zinc, Total	95.9	4.87	0.590	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-03	Date Collected	: 07/29/25 14:05
Client ID	: TP-107 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 18:41
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.314g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	4760	9.20	2.99	
7440-36-0	Antimony, Total	ND	4.60	3.54	U
7440-38-2	Arsenic, Total	10.1	0.920	0.398	
7440-39-3	Barium, Total	153	0.920	0.098	
7440-41-7	Beryllium, Total	0.561	0.460	0.051	
7440-43-9	Cadmium, Total	0.475	0.920	0.051	J
7440-70-2	Calcium, Total	11500	9.20	5.22	
7440-47-3	Chromium, Total	8.50	0.920	0.780	
7440-48-4	Cobalt, Total	5.12	1.84	0.228	
7440-50-8	Copper, Total	58.4	0.920	0.209	
7439-89-6	Iron, Total	11700	4.60	0.966	
7439-92-1	Lead, Total	136	4.60	0.219	
7439-95-4	Magnesium, Total	5690	9.20	1.50	
7439-96-5	Manganese, Total	228	0.920	0.493	
7440-02-0	Nickel, Total	14.5	2.30	0.744	
7440-09-7	Potassium, Total	683	230	46.6	
7782-49-2	Selenium, Total	ND	1.84	0.303	U
7440-22-4	Silver, Total	ND	0.460	0.274	U
7440-23-5	Sodium, Total	ND	184	97.5	U
7440-28-0	Thallium, Total	ND	1.84	0.830	U
7440-62-2	Vanadium, Total	12.8	0.920	0.139	
7440-66-6	Zinc, Total	154	4.60	0.558	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-04	Date Collected	: 07/29/25 11:20
Client ID	: TP-108 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 18:44
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.29g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	3990	9.73	3.16	
7440-36-0	Antimony, Total	ND	4.86	3.74	U
7440-38-2	Arsenic, Total	6.24	0.973	0.420	
7440-39-3	Barium, Total	83.2	0.973	0.103	
7440-41-7	Beryllium, Total	0.323	0.486	0.054	J
7440-43-9	Cadmium, Total	0.211	0.973	0.054	J
7440-70-2	Calcium, Total	17400	9.73	5.51	
7440-47-3	Chromium, Total	4.68	0.973	0.825	
7440-48-4	Cobalt, Total	2.18	1.94	0.241	
7440-50-8	Copper, Total	15.2	0.973	0.221	
7439-89-6	Iron, Total	7210	4.86	1.02	
7439-92-1	Lead, Total	48.7	4.86	0.231	
7439-95-4	Magnesium, Total	3240	9.73	1.58	
7439-96-5	Manganese, Total	123	0.973	0.521	
7440-02-0	Nickel, Total	6.08	2.43	0.786	
7440-09-7	Potassium, Total	609	243	49.3	
7782-49-2	Selenium, Total	0.418	1.94	0.320	J
7440-22-4	Silver, Total	ND	0.486	0.290	U
7440-23-5	Sodium, Total	124	194	103.	J
7440-28-0	Thallium, Total	ND	1.94	0.877	U
7440-62-2	Vanadium, Total	8.20	0.973	0.147	
7440-66-6	Zinc, Total	40.6	4.86	0.589	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-05	Date Collected	: 07/29/25 11:30
Client ID	: TP-108 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 18:48
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.28g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5750	9.09	2.96	
7440-36-0	Antimony, Total	ND	4.55	3.50	U
7440-38-2	Arsenic, Total	2.79	0.909	0.393	
7440-39-3	Barium, Total	52.9	0.909	0.096	
7440-41-7	Beryllium, Total	0.337	0.455	0.050	J
7440-43-9	Cadmium, Total	0.059	0.909	0.050	J
7440-70-2	Calcium, Total	1840	9.09	5.16	
7440-47-3	Chromium, Total	9.98	0.909	0.771	
7440-48-4	Cobalt, Total	7.80	1.82	0.226	
7440-50-8	Copper, Total	2.52	0.909	0.206	
7439-89-6	Iron, Total	17300	4.55	0.955	
7439-92-1	Lead, Total	1.30	4.55	0.216	J
7439-95-4	Magnesium, Total	4080	9.09	1.48	
7439-96-5	Manganese, Total	539	0.909	0.487	
7440-02-0	Nickel, Total	24.9	2.27	0.735	
7440-09-7	Potassium, Total	953	227	46.1	
7782-49-2	Selenium, Total	ND	1.82	0.299	U
7440-22-4	Silver, Total	ND	0.455	0.271	U
7440-23-5	Sodium, Total	ND	182	96.4	U
7440-28-0	Thallium, Total	ND	1.82	0.820	U
7440-62-2	Vanadium, Total	9.81	0.909	0.137	
7440-66-6	Zinc, Total	18.2	4.55	0.551	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-06	Date Collected	: 07/29/25 11:00
Client ID	: TP-110 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 18:51
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.312g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	2220	8.39	2.73	
7440-36-0	Antimony, Total	ND	4.20	3.23	U
7440-38-2	Arsenic, Total	2.74	0.839	0.363	
7440-39-3	Barium, Total	25.6	0.839	0.089	
7440-41-7	Beryllium, Total	0.131	0.420	0.046	J
7440-43-9	Cadmium, Total	0.092	0.839	0.046	J
7440-70-2	Calcium, Total	14500	8.39	4.76	
7440-47-3	Chromium, Total	3.50	0.839	0.712	
7440-48-4	Cobalt, Total	4.12	1.68	0.208	
7440-50-8	Copper, Total	26.7	0.839	0.190	
7439-89-6	Iron, Total	5250	4.20	0.881	
7439-92-1	Lead, Total	18.6	4.20	0.200	
7439-95-4	Magnesium, Total	3710	8.39	1.37	
7439-96-5	Manganese, Total	204	0.839	0.450	
7440-02-0	Nickel, Total	5.37	2.10	0.678	
7440-09-7	Potassium, Total	252	210	42.6	
7782-49-2	Selenium, Total	ND	1.68	0.276	U
7440-22-4	Silver, Total	ND	0.420	0.250	U
7440-23-5	Sodium, Total	ND	168	89.0	U
7440-28-0	Thallium, Total	ND	1.68	0.757	U
7440-62-2	Vanadium, Total	4.60	0.839	0.127	
7440-66-6	Zinc, Total	25.4	4.20	0.509	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-07	Date Collected	: 07/29/25 11:05
Client ID	: TP-110 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 18:54
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.325g	%Solids	: 85
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5010	8.90	2.89	
7440-36-0	Antimony, Total	ND	4.45	3.43	U
7440-38-2	Arsenic, Total	1.71	0.890	0.384	
7440-39-3	Barium, Total	57.7	0.890	0.094	
7440-41-7	Beryllium, Total	0.300	0.445	0.049	J
7440-43-9	Cadmium, Total	ND	0.890	0.049	U
7440-70-2	Calcium, Total	12300	8.90	5.05	
7440-47-3	Chromium, Total	9.19	0.890	0.755	
7440-48-4	Cobalt, Total	4.12	1.78	0.221	
7440-50-8	Copper, Total	1.53	0.890	0.202	
7439-89-6	Iron, Total	10300	4.45	0.934	
7439-92-1	Lead, Total	3.29	4.45	0.212	J
7439-95-4	Magnesium, Total	9880	8.90	1.45	
7439-96-5	Manganese, Total	161	0.890	0.477	
7440-02-0	Nickel, Total	18.0	2.22	0.719	
7440-09-7	Potassium, Total	1140	222	45.1	
7782-49-2	Selenium, Total	ND	1.78	0.293	U
7440-22-4	Silver, Total	ND	0.445	0.265	U
7440-23-5	Sodium, Total	ND	178	94.3	U
7440-28-0	Thallium, Total	ND	1.78	0.803	U
7440-62-2	Vanadium, Total	7.37	0.890	0.134	
7440-66-6	Zinc, Total	16.2	4.45	0.539	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-08	Date Collected	: 07/29/25 10:30
Client ID	: TP-111 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 11:48
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.285g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5240	9.76	3.17	
7440-36-0	Antimony, Total	ND	4.88	3.76	U
7440-38-2	Arsenic, Total	2.89	0.976	0.422	
7440-39-3	Barium, Total	84.7	0.976	0.104	
7440-41-7	Beryllium, Total	0.358	0.488	0.054	J
7440-43-9	Cadmium, Total	0.190	0.976	0.054	J
7440-70-2	Calcium, Total	5570	9.76	5.54	
7440-47-3	Chromium, Total	7.97	0.976	0.828	
7440-48-4	Cobalt, Total	7.03	1.95	0.242	
7440-50-8	Copper, Total	6.74	0.976	0.222	
7439-89-6	Iron, Total	12400	4.88	1.02	
7439-92-1	Lead, Total	22.9	4.88	0.232	
7439-95-4	Magnesium, Total	5680	9.76	1.59	
7439-96-5	Manganese, Total	522	0.976	0.523	
7440-02-0	Nickel, Total	21.2	2.44	0.789	
7440-09-7	Potassium, Total	1080	244	49.5	
7782-49-2	Selenium, Total	ND	1.95	0.321	U
7440-22-4	Silver, Total	ND	0.488	0.291	U
7440-23-5	Sodium, Total	ND	195	104.	U
7440-28-0	Thallium, Total	ND	1.95	0.881	U
7440-62-2	Vanadium, Total	8.28	0.976	0.147	
7440-66-6	Zinc, Total	32.6	4.88	0.592	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-09	Date Collected	: 07/29/25 09:05
Client ID	: TP-112 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 11:52
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.297g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	4340	8.93	2.90	
7440-36-0	Antimony, Total	ND	4.47	3.44	U
7440-38-2	Arsenic, Total	9.53	0.893	0.386	
7440-39-3	Barium, Total	148	0.893	0.095	
7440-41-7	Beryllium, Total	0.514	0.447	0.049	
7440-43-9	Cadmium, Total	0.804	0.893	0.049	J
7440-70-2	Calcium, Total	11700	8.93	5.06	
7440-47-3	Chromium, Total	8.75	0.893	0.758	
7440-48-4	Cobalt, Total	5.22	1.79	0.222	
7440-50-8	Copper, Total	46.6	0.893	0.203	
7439-89-6	Iron, Total	12800	4.47	0.938	
7439-92-1	Lead, Total	104	4.47	0.213	
7439-95-4	Magnesium, Total	4180	8.93	1.46	
7439-96-5	Manganese, Total	280	0.893	0.479	
7440-02-0	Nickel, Total	11.2	2.23	0.722	
7440-09-7	Potassium, Total	513	223	45.3	
7782-49-2	Selenium, Total	0.492	1.79	0.294	J
7440-22-4	Silver, Total	ND	0.447	0.266	U
7440-23-5	Sodium, Total	ND	179	94.7	U
7440-28-0	Thallium, Total	ND	1.79	0.806	U
7440-62-2	Vanadium, Total	13.7	0.893	0.135	
7440-66-6	Zinc, Total	123	4.47	0.541	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-10	Date Collected	: 07/29/25 09:15
Client ID	: TP-112 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 11:55
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.324g	%Solids	: 82
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	7260	9.17	2.98	
7440-36-0	Antimony, Total	ND	4.58	3.53	U
7440-38-2	Arsenic, Total	2.36	0.917	0.396	
7440-39-3	Barium, Total	133	0.917	0.097	
7440-41-7	Beryllium, Total	0.515	0.458	0.050	
7440-43-9	Cadmium, Total	0.239	0.917	0.050	J
7440-70-2	Calcium, Total	2530	9.17	5.20	
7440-47-3	Chromium, Total	10.9	0.917	0.777	
7440-48-4	Cobalt, Total	6.96	1.83	0.227	
7440-50-8	Copper, Total	4.99	0.917	0.208	
7439-89-6	Iron, Total	15400	4.58	0.962	
7439-92-1	Lead, Total	2.35	4.58	0.218	J
7439-95-4	Magnesium, Total	3840	9.17	1.49	
7439-96-5	Manganese, Total	1140	0.917	0.491	
7440-02-0	Nickel, Total	26.5	2.29	0.741	
7440-09-7	Potassium, Total	783	229	46.5	
7782-49-2	Selenium, Total	ND	1.83	0.302	U
7440-22-4	Silver, Total	ND	0.458	0.273	U
7440-23-5	Sodium, Total	ND	183	97.2	U
7440-28-0	Thallium, Total	ND	1.83	0.827	U
7440-62-2	Vanadium, Total	11.6	0.917	0.138	
7440-66-6	Zinc, Total	21.2	4.58	0.555	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-11	Date Collected	: 07/29/25 09:45
Client ID	: TP-114 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 11:59
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.278g	%Solids	: 78
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	4250	9.98	3.24	
7440-36-0	Antimony, Total	ND	4.99	3.84	U
7440-38-2	Arsenic, Total	5.52	0.998	0.431	
7440-39-3	Barium, Total	77.0	0.998	0.106	
7440-41-7	Beryllium, Total	0.301	0.499	0.055	J
7440-43-9	Cadmium, Total	0.500	0.998	0.055	J
7440-70-2	Calcium, Total	8120	9.98	5.66	
7440-47-3	Chromium, Total	9.58	0.998	0.846	
7440-48-4	Cobalt, Total	3.56	2.00	0.248	
7440-50-8	Copper, Total	89.2	0.998	0.226	
7439-89-6	Iron, Total	11600	4.99	1.05	
7439-92-1	Lead, Total	144	4.99	0.238	
7439-95-4	Magnesium, Total	3640	9.98	1.63	
7439-96-5	Manganese, Total	240	0.998	0.535	
7440-02-0	Nickel, Total	10.2	2.50	0.806	
7440-09-7	Potassium, Total	614	250	50.6	
7782-49-2	Selenium, Total	0.544	2.00	0.328	J
7440-22-4	Silver, Total	ND	0.499	0.297	U
7440-23-5	Sodium, Total	ND	200	106.	U
7440-28-0	Thallium, Total	ND	2.00	0.900	U
7440-62-2	Vanadium, Total	9.53	0.998	0.151	
7440-66-6	Zinc, Total	150	4.99	0.605	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-12	Date Collected	: 07/29/25 09:55
Client ID	: TP-114 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:02
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.303g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5040	9.12	2.96	
7440-36-0	Antimony, Total	ND	4.56	3.51	U
7440-38-2	Arsenic, Total	1.18	0.912	0.394	
7440-39-3	Barium, Total	29.0	0.912	0.097	
7440-41-7	Beryllium, Total	0.333	0.456	0.050	J
7440-43-9	Cadmium, Total	ND	0.912	0.050	U
7440-70-2	Calcium, Total	14000	9.12	5.17	
7440-47-3	Chromium, Total	6.16	0.912	0.774	
7440-48-4	Cobalt, Total	4.73	1.82	0.226	
7440-50-8	Copper, Total	1.72	0.912	0.207	
7439-89-6	Iron, Total	9490	4.56	0.958	
7439-92-1	Lead, Total	0.724	4.56	0.217	J
7439-95-4	Magnesium, Total	10200	9.12	1.49	
7439-96-5	Manganese, Total	187	0.912	0.489	
7440-02-0	Nickel, Total	19.6	2.28	0.737	
7440-09-7	Potassium, Total	1060	228	46.3	
7782-49-2	Selenium, Total	ND	1.82	0.300	U
7440-22-4	Silver, Total	ND	0.456	0.272	U
7440-23-5	Sodium, Total	ND	182	96.7	U
7440-28-0	Thallium, Total	ND	1.82	0.823	U
7440-62-2	Vanadium, Total	5.44	0.912	0.138	
7440-66-6	Zinc, Total	16.4	4.56	0.553	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-13	Date Collected	: 07/29/25 08:45
Client ID	: TP-115 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:05
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.299g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	4660	9.24	3.00	
7440-36-0	Antimony, Total	ND	4.62	3.56	U
7440-38-2	Arsenic, Total	10.8	0.924	0.399	
7440-39-3	Barium, Total	84.6	0.924	0.098	
7440-41-7	Beryllium, Total	0.376	0.462	0.051	J
7440-43-9	Cadmium, Total	0.366	0.924	0.051	J
7440-70-2	Calcium, Total	8240	9.24	5.24	
7440-47-3	Chromium, Total	8.27	0.924	0.784	
7440-48-4	Cobalt, Total	4.35	1.85	0.229	
7440-50-8	Copper, Total	22.1	0.924	0.210	
7439-89-6	Iron, Total	14700	4.62	0.970	
7439-92-1	Lead, Total	144	4.62	0.220	
7439-95-4	Magnesium, Total	3530	9.24	1.51	
7439-96-5	Manganese, Total	269	0.924	0.495	
7440-02-0	Nickel, Total	13.3	2.31	0.747	
7440-09-7	Potassium, Total	717	231	46.8	
7782-49-2	Selenium, Total	0.427	1.85	0.304	J
7440-22-4	Silver, Total	ND	0.462	0.275	U
7440-23-5	Sodium, Total	ND	185	98.0	U
7440-28-0	Thallium, Total	ND	1.85	0.834	U
7440-62-2	Vanadium, Total	10.4	0.924	0.140	
7440-66-6	Zinc, Total	132	4.62	0.560	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-14	Date Collected	: 07/29/25 08:50
Client ID	: TP-115 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.315g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5940	8.88	2.89	
7440-36-0	Antimony, Total	ND	4.44	3.42	U
7440-38-2	Arsenic, Total	2.66	0.888	0.384	
7440-39-3	Barium, Total	37.4	0.888	0.094	
7440-41-7	Beryllium, Total	0.392	0.444	0.049	J
7440-43-9	Cadmium, Total	0.098	0.888	0.049	J
7440-70-2	Calcium, Total	1920	8.88	5.04	
7440-47-3	Chromium, Total	9.78	0.888	0.753	
7440-48-4	Cobalt, Total	4.70	1.78	0.220	
7440-50-8	Copper, Total	2.37	0.888	0.202	
7439-89-6	Iron, Total	16100	4.44	0.933	
7439-92-1	Lead, Total	1.26	4.44	0.211	J
7439-95-4	Magnesium, Total	3570	8.88	1.45	
7439-96-5	Manganese, Total	152	0.888	0.476	
7440-02-0	Nickel, Total	20.2	2.22	0.718	
7440-09-7	Potassium, Total	1240	222	45.0	
7782-49-2	Selenium, Total	ND	1.78	0.292	U
7440-22-4	Silver, Total	ND	0.444	0.265	U
7440-23-5	Sodium, Total	ND	178	94.2	U
7440-28-0	Thallium, Total	ND	1.78	0.801	U
7440-62-2	Vanadium, Total	8.95	0.888	0.134	
7440-66-6	Zinc, Total	21.9	4.44	0.538	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-15	Date Collected	: 07/29/25 13:40
Client ID	: TP-105 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 11:03
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.283g	%Solids	: 76
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	3030	10.3	3.35	
7440-36-0	Antimony, Total	ND	5.15	3.97	U
7440-38-2	Arsenic, Total	12.4	1.03	0.445	
7440-39-3	Barium, Total	139	1.03	0.109	
7440-41-7	Beryllium, Total	0.652	0.515	0.057	
7440-43-9	Cadmium, Total	0.474	1.03	0.057	J
7440-70-2	Calcium, Total	14800	10.3	5.84	
7440-47-3	Chromium, Total	7.69	1.03	0.874	
7440-48-4	Cobalt, Total	4.58	2.06	0.256	
7440-50-8	Copper, Total	30.0	1.03	0.234	
7439-89-6	Iron, Total	11400	5.15	1.08	
7439-92-1	Lead, Total	118	5.15	0.245	
7439-95-4	Magnesium, Total	6580	10.3	1.68	
7439-96-5	Manganese, Total	223	1.03	0.553	
7440-02-0	Nickel, Total	9.16	2.58	0.833	
7440-09-7	Potassium, Total	427	258	52.3	
7782-49-2	Selenium, Total	0.569	2.06	0.339	J
7440-22-4	Silver, Total	ND	0.515	0.307	U
7440-23-5	Sodium, Total	ND	206	109.	U
7440-28-0	Thallium, Total	ND	2.06	0.930	U
7440-62-2	Vanadium, Total	20.9	1.03	0.156	
7440-66-6	Zinc, Total	114	5.15	0.625	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-16	Date Collected	: 07/29/25 13:50
Client ID	: TP-105 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:12
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.323g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5120	8.53	2.77	
7440-36-0	Antimony, Total	ND	4.26	3.28	U
7440-38-2	Arsenic, Total	0.508	0.853	0.368	J
7440-39-3	Barium, Total	38.0	0.853	0.090	
7440-41-7	Beryllium, Total	0.298	0.426	0.047	J
7440-43-9	Cadmium, Total	ND	0.853	0.047	U
7440-70-2	Calcium, Total	12000	8.53	4.84	
7440-47-3	Chromium, Total	8.01	0.853	0.723	
7440-48-4	Cobalt, Total	4.71	1.71	0.212	
7440-50-8	Copper, Total	1.44	0.853	0.194	
7439-89-6	Iron, Total	9830	4.26	0.896	
7439-92-1	Lead, Total	0.746	4.26	0.203	J
7439-95-4	Magnesium, Total	8760	8.53	1.39	
7439-96-5	Manganese, Total	194	0.853	0.457	
7440-02-0	Nickel, Total	19.3	2.13	0.689	
7440-09-7	Potassium, Total	1140	213	43.2	
7782-49-2	Selenium, Total	ND	1.71	0.281	U
7440-22-4	Silver, Total	ND	0.426	0.254	U
7440-23-5	Sodium, Total	ND	171	90.4	U
7440-28-0	Thallium, Total	ND	1.71	0.770	U
7440-62-2	Vanadium, Total	7.68	0.853	0.129	
7440-66-6	Zinc, Total	16.7	4.26	0.517	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-17	Date Collected	: 07/29/25 00:00
Client ID	: DUP-02	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:49
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2100555.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.291g	%Solids	: 75
Digestion Method	: EPA 3050B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5510	10.3	3.36	
7440-36-0	Antimony, Total	ND	5.17	3.98	U
7440-38-2	Arsenic, Total	14.5	1.03	0.447	
7440-39-3	Barium, Total	167	1.03	0.110	
7440-41-7	Beryllium, Total	1.16	0.517	0.057	
7440-43-9	Cadmium, Total	0.529	1.03	0.057	J
7440-70-2	Calcium, Total	22100	10.3	5.86	
7440-47-3	Chromium, Total	9.82	1.03	0.877	
7440-48-4	Cobalt, Total	5.89	2.07	0.256	
7440-50-8	Copper, Total	43.6	1.03	0.235	
7439-89-6	Iron, Total	11300	5.17	1.08	
7439-92-1	Lead, Total	203	5.17	0.246	
7439-95-4	Magnesium, Total	4380	10.3	1.68	
7439-96-5	Manganese, Total	226	1.03	0.554	
7440-02-0	Nickel, Total	12.9	2.58	0.836	
7440-09-7	Potassium, Total	725	258	52.4	
7782-49-2	Selenium, Total	0.539	2.07	0.340	J
7440-22-4	Silver, Total	ND	0.517	0.308	U
7440-23-5	Sodium, Total	162	207	110.	J
7440-28-0	Thallium, Total	ND	2.07	0.933	U
7440-62-2	Vanadium, Total	18.6	1.03	0.156	
7440-66-6	Zinc, Total	157	5.17	0.627	



Form 1 METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2100317-1
Client ID : WG2100317-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG2100555.pdf
Sample Amount : 1.25g
Digestion Method : EPA 3050B

Lab Number : L2547432
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/08/25 16:29
Dilution Factor : 1
Analyst : JMF
Instrument ID : TRACE8
%Solids : NA
Date Digested : 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	4.00	1.30	U
7440-36-0	Antimony, Total	ND	2.00	1.54	U
7440-38-2	Arsenic, Total	ND	0.400	0.173	U
7440-39-3	Barium, Total	ND	0.400	0.042	U
7440-41-7	Beryllium, Total	ND	0.200	0.022	U
7440-43-9	Cadmium, Total	ND	0.400	0.022	U
7440-70-2	Calcium, Total	ND	4.00	2.27	U
7440-47-3	Chromium, Total	ND	0.400	0.339	U
7440-48-4	Cobalt, Total	ND	0.800	0.099	U
7440-50-8	Copper, Total	ND	0.400	0.091	U
7439-89-6	Iron, Total	1.08	2.00	0.420	J
7439-92-1	Lead, Total	ND	2.00	0.095	U
7439-95-4	Magnesium, Total	ND	4.00	0.652	U
7439-96-5	Manganese, Total	ND	0.400	0.214	U
7440-02-0	Nickel, Total	ND	1.00	0.323	U
7440-09-7	Potassium, Total	ND	100	20.3	U
7782-49-2	Selenium, Total	ND	0.800	0.132	U
7440-22-4	Silver, Total	ND	0.200	0.119	U
7440-23-5	Sodium, Total	ND	80.0	42.4	U
7440-28-0	Thallium, Total	ND	0.800	0.361	U
7440-62-2	Vanadium, Total	ND	0.400	0.060	U
7440-66-6	Zinc, Total	ND	2.00	0.242	U



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100437-1
 Client ID : WG2100437-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG2100555.pdf
 Sample Amount : 1.25g
 Digestion Method : EPA 3050B

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/08/25 10:44
 Dilution Factor : 1
 Analyst : JMF
 Instrument ID : TRACE8
 %Solids : NA
 Date Digested : 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	4.00	1.30	U
7440-36-0	Antimony, Total	ND	2.00	1.54	U
7440-38-2	Arsenic, Total	ND	0.400	0.173	U
7440-39-3	Barium, Total	ND	0.400	0.042	U
7440-41-7	Beryllium, Total	ND	0.200	0.022	U
7440-43-9	Cadmium, Total	ND	0.400	0.022	U
7440-70-2	Calcium, Total	ND	4.00	2.27	U
7440-47-3	Chromium, Total	ND	0.400	0.339	U
7440-48-4	Cobalt, Total	ND	0.800	0.099	U
7440-50-8	Copper, Total	ND	0.400	0.091	U
7439-89-6	Iron, Total	ND	2.00	0.420	U
7439-92-1	Lead, Total	ND	2.00	0.095	U
7439-95-4	Magnesium, Total	ND	4.00	0.652	U
7439-96-5	Manganese, Total	ND	0.400	0.214	U
7440-02-0	Nickel, Total	ND	1.00	0.323	U
7440-09-7	Potassium, Total	ND	100	20.3	U
7782-49-2	Selenium, Total	ND	0.800	0.132	U
7440-22-4	Silver, Total	ND	0.200	0.119	U
7440-23-5	Sodium, Total	ND	80.0	42.4	U
7440-28-0	Thallium, Total	ND	0.800	0.361	U
7440-62-2	Vanadium, Total	ND	0.400	0.060	U
7440-66-6	Zinc, Total	ND	2.00	0.242	U



Form 2A

Initial and Continuing Calibration Verification

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : TRACE8

Lab Number : L2547432
 Project Number : W96.013.001
 Units : mg/l

Parameter	Lab ID : Date Analyzed :	Initial Calibration			Continuing Calibration(s)						
		True	Found	%R	R1997409-12 08/08/25 12:16			R1997409-14 08/08/25 12:40		R1997409-16 08/08/25 13:10	
					True	Found	%R	Found	%R	Found	%R
Aluminum					0.5000	0.500	100	0.478	96	0.490	98
Antimony					0.5000	0.498	100	0.504	101	0.505	101
Arsenic					0.5000	0.466	93	0.469	94	0.479	96
Barium					0.5000	0.481	96	0.487	97	0.490	98
Beryllium					0.5000	0.490	98	0.491	98	0.490	98
Cadmium					0.5000	0.487	97	0.487	97	0.497	99
Calcium					0.5000	0.528	106	0.490	98	0.521	104
Chromium					0.5000	0.488	98	0.488	98	0.494	99
Cobalt					0.5000	0.490	98	0.491	98	0.492	98
Copper					0.5000	0.491	98	0.495	99	0.494	99
Iron					0.5000	0.566	113	0.498	100	0.557	111
Lead					0.5000	0.479	96	0.478	96	0.476	95
Magnesium					0.5000	0.530	106	0.487	97	0.507	101
Manganese					0.5000	0.493	99	0.493	99	0.492	98
Nickel					0.5000	0.496	99	0.498	100	0.502	100
Potassium					5.0000	5.01	100	5.04	101	5.01	100
Selenium					0.5000	0.478	96	0.482	96	0.492	98
Silver					0.5000	0.482	96	0.482	96	0.484	97
Sodium					10.0000	9.93	99	9.96	100	10.0	100
Thallium					0.5000	0.489	98	0.490	98	0.481	96
Vanadium					0.5000	0.488	98	0.489	98	0.494	99
Zinc					0.5000	0.488	98	0.488	98	0.498	100

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	77-123%	(Method 1631)	76-113%	(Method 245.7)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)		
	85-115%	(Method 200.8)	80-120%	(Methods 7470, 7471)
	77-123%	(Method 1631)	76-113%	(Method 245.7)



Form 2A

Initial and Continuing Calibration Verification

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : TRACE8

Lab Number : L2547432
 Project Number : W96.013.001
 Units : mg/l

Parameter	Lab ID : Date Analyzed :	Initial Calibration			Continuing Calibration(s)						
		True	Found	%R	R1997409-24 08/08/25 15:48			R1997409-26 08/08/25 17:03		R1997409-28 08/08/25 17:52	
					True	Found	%R	Found	%R	Found	%R
Aluminum					0.5000	0.478	96	0.484	97	0.478	96
Antimony					0.5000	0.504	101	0.502	100	0.499	100
Arsenic					0.5000	0.467	93	0.471	94	0.470	94
Barium					0.5000	0.494	99	0.488	98	0.487	97
Beryllium					0.5000	0.490	98	0.491	98	0.490	98
Cadmium					0.5000	0.485	97	0.486	97	0.488	98
Calcium					0.5000	0.496	99	0.482	96	0.558	112
Chromium					0.5000	0.488	98	0.489	98	0.491	98
Cobalt					0.5000	0.489	98	0.486	97	0.486	97
Copper					0.5000	0.496	99	0.497	99	0.497	99
Iron					0.5000	0.511	102	0.515	103	0.508	102
Lead					0.5000	0.476	95	0.482	96	0.480	96
Magnesium					0.5000	0.490	98	0.486	97	0.494	99
Manganese					0.5000	0.489	98	0.492	98	0.492	98
Nickel					0.5000	0.496	99	0.495	99	0.497	99
Potassium					5.0000	5.02	100	5.03	101	4.99	100
Selenium					0.5000	0.482	96	0.487	97	0.484	97
Silver					0.5000	0.482	96	0.483	97	0.483	97
Sodium					10.0000	10.0	100	10.0	100	10.0	100
Thallium					0.5000	0.490	98	0.496	99	0.494	99
Vanadium					0.5000	0.491	98	0.493	99	0.493	99
Zinc					0.5000	0.483	97	0.481	96	0.485	97

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	77-123%	(Method 1631)	76-113%	(Method 245.7)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)		
	85-115%	(Method 200.8)	80-120%	(Methods 7470, 7471)
	77-123%	(Method 1631)	76-113%	(Method 245.7)



Form 3 Blanks

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Instrument ID : TRACE8

Lab Number : L2547432
Project Number : W96.013.001

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Lab ID :	R1997409-2		R1997409-7		R1997409-9		R1997409-11	
Date Analyzed :	08/08/25 06:42		08/08/25 09:01		08/08/25 09:54		08/08/25 11:23	
							WG2100437-1	
							08/08/25 10:44	
Aluminum	0.0325	U	0.0325	U	0.0325	U	0.0325	U
Antimony	0.0385	U	0.0385	U	0.0385	U	0.0385	U
Arsenic	0.00432	U	0.00432	U	0.00432	U	0.00432	U
Barium	0.00106	U	0.00106	U	0.00106	U	0.00106	U
Beryllium	0.000550	U	0.000550	U	0.000550	U	0.000550	U
Cadmium	0.000550	U	0.000550	U	0.000550	U	0.000550	U
Calcium	0.0567	U	0.0567	U	0.0567	U	0.0567	U
Chromium	0.00848	U	0.00848	U	0.00848	U	0.00848	U
Cobalt	0.00248	U	0.00248	U	0.00248	U	0.00248	U
Copper	0.00227	U	0.00227	U	0.00227	U	0.00227	U
Iron	0.0105	U	0.0105	U	0.0105	U	0.0105	U
Lead	0.00238	U	0.00238	U	0.00238	U	0.00238	U
Magnesium	0.0163	U	0.0163	U	0.0163	U	0.0163	U
Manganese	0.00536	U	0.00536	U	0.00536	U	0.00536	U
Nickel	0.00808	U	0.00808	U	0.00808	U	0.00808	U
Potassium	0.507	U	0.507	U	0.507	U	0.507	U
Selenium	0.00647	J	0.00478	J	0.00473	J	0.00348	J
Silver	0.00298	U	0.00298	U	0.00298	U	0.00298	U
Sodium	1.06	U	1.06	U	1.06	U	1.06	U
Thallium	0.00902	U	0.00902	U	0.00902	U	0.00902	U
Vanadium	0.00151	U	0.00151	U	0.00151	U	0.00151	U
Zinc	0.00606	U	0.00606	U	0.00606	U	0.00606	U



Form 3 Blanks

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Instrument ID : TRACE8

Lab Number : L2547432
Project Number : W96.013.001

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Lab ID :	R1997409-4		R1997409-13		R1997409-15		R1997409-17	
Date Analyzed :	08/08/25 06:57		08/08/25 12:19		08/08/25 12:43		08/08/25 13:14	
							WG2100317-1	
							08/08/25 16:29	
Aluminum	0.0325	U	0.0325	U	0.0325	U	0.0325	U
Antimony	0.0385	U	0.0385	U	0.0385	U	0.0385	U
Arsenic	0.00432	U	0.00432	U	0.00432	U	0.00432	U
Barium	0.00106	U	0.00106	U	0.00106	U	0.00106	U
Beryllium	0.000550	U	0.000550	U	0.000550	U	0.000550	U
Cadmium	0.000550	U	0.000550	U	0.000550	U	0.000550	U
Calcium	0.0567	U	0.0567	U	0.0567	U	0.0567	U
Chromium	0.00848	U	0.00848	U	0.00848	U	0.00848	U
Cobalt	0.00248	U	0.00248	U	0.00248	U	0.00248	U
Copper	0.00227	U	0.00227	U	0.00227	U	0.00227	U
Iron	0.0105	U	0.0176	J	0.0105	U	0.0148	J
Lead	0.00238	U	0.00238	U	0.00238	U	0.00238	U
Magnesium	0.0163	U	0.0163	U	0.0163	U	0.0163	U
Manganese	0.00536	U	0.00536	U	0.00536	U	0.00536	U
Nickel	0.00808	U	0.00808	U	0.00808	U	0.00808	U
Potassium	0.507	U	0.507	U	0.507	U	0.507	U
Selenium	0.00539	J	0.00341	J	0.00522	J	0.00404	J
Silver	0.00298	U	0.00298	U	0.00298	U	0.00298	U
Sodium	1.06	U	1.06	U	1.06	U	1.06	U
Thallium	0.00902	U	0.00902	U	0.00902	U	0.00902	U
Vanadium	0.00151	U	0.00151	U	0.00151	U	0.00151	U
Zinc	0.00606	U	0.00606	U	0.00606	U	0.00606	U



Form 3 Blanks

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Instrument ID : TRACE8

Lab Number : L2547432
Project Number : W96.013.001

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Aluminum			0.0325	U	0.0325	U		
Antimony			0.0385	U	0.0385	U		
Arsenic			0.00432	U	0.00432	U		
Barium			0.00106	U	0.00106	U		
Beryllium			0.000550	U	0.000550	U		
Cadmium			0.000550	U	0.000550	U		
Calcium			0.0567	U	0.0567	U		
Chromium			0.00848	U	0.00848	U		
Cobalt			0.00248	U	0.00248	U		
Copper			0.00227	U	0.00227	U		
Iron			0.0105	U	0.0105	U		
Lead			0.00238	U	0.00238	U		
Magnesium			0.0163	U	0.0163	U		
Manganese			0.00536	U	0.00536	U		
Nickel			0.00808	U	0.00808	U		
Potassium			0.507	U	0.507	U		
Selenium			0.00495	J	0.00641	J		
Silver			0.00298	U	0.00298	U		
Sodium			1.06	U	1.06	U		
Thallium			0.00902	U	0.00902	U		
Vanadium			0.00151	U	0.00151	U		
Zinc			0.00606	U	0.00606	U		



Form 5a Matrix Spike

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Client Sample ID : TP-105 FILL
Lab Sample ID : L2547432-15
Matrix Spike : WG2100437-3
Matrix Spike Dup : WG2100437-4

Lab Number : L2547432
Project Number : W96.013.001
Matrix : SLUDGE
MS Analysis Date : 08/08/25 11:06
MSD Analysis Date : 08/08/25 11:10

Parameter	Sample Conc. (mg/kg)	Matrix Spike Sample			%R	Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit		
		Spike Added (mg/kg)	Spike Conc. (mg/kg)			Spike Added (mg/kg)	Spike Conc. (mg/kg)						
Aluminum, Total	3030	200	2520	0	Q	202	3490	228	Q	32	Q	75-125	20
Antimony, Total	ND	49.9	33.5	67	Q	50.5	31.3	62	Q	7		75-125	20
Arsenic, Total	12.4	12	17.9	46	Q	12.1	19.3	57	Q	8		75-125	20
Barium, Total	139	200	298	80		202	502	180	Q	51	Q	75-125	20
Beryllium, Total	0.652	4.99	5.32	94		5.05	5.59	98		5		75-125	20
Cadmium, Total	0.474J	5.29	5.02	95		5.35	5.26	98		5		75-125	20
Calcium, Total	14800	998	51300	3660	Q	1010	7850	0	Q	147	Q	75-125	20
Chromium, Total	7.69	20	23.4	79		20.2	23.7	79		1		75-125	20
Cobalt, Total	4.58	49.9	46.8	84		50.5	49.2	88		5		75-125	20
Copper, Total	30.0	25	48.5	74	Q	25.2	50.1	80		3		75-125	20
Iron, Total	11400	99.8	7910	0	Q	101	7440	0	Q	6		75-125	20
Lead, Total	118	52.9	155	70	Q	53.5	146	52	Q	6		75-125	20
Magnesium, Total	6580	998	30600	2410	Q	1010	2560	0	Q	169	Q	75-125	20
Manganese, Total	223	49.9	618	791	Q	50.5	160	0	Q	118	Q	75-125	20
Nickel, Total	9.16	49.9	50.4	83		50.5	53.3	87		6		75-125	20
Potassium, Total	427	998	1320	89		1010	1480	104		11		75-125	20
Selenium, Total	0.569J	12	9.04	75		12.1	9.34	77		3		75-125	20
Silver, Total	ND	4.99	5.15	103		5.05	4.93	98		4		75-125	20
Sodium, Total	ND	998	1150	115		1010	1090	108		5		75-125	20
Thallium, Total	ND	12	10.6	88		12.1	11.5	95		8		75-125	20
Vanadium, Total	20.9	49.9	58.7	76		50.5	61.9	81		5		75-125	20
Zinc, Total	114	49.9	130	32	Q	50.5	140	51	Q	7		75-125	20



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-01	Date Collected	: 07/29/25 14:20
Client ID	: TP-101 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 20:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.37g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.162	0.076	0.049	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-02	Date Collected	: 07/29/25 14:30
Client ID	: TP-101 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 20:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.365g	%Solids	: 78
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.345	0.087	0.057	



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-03	Date Collected	: 07/29/25 14:05
Client ID	: TP-107 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 20:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.313g	%Solids	: 83
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.303	0.097	0.063	



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-04	Date Collected	: 07/29/25 11:20
Client ID	: TP-108 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 20:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.381g	%Solids	: 80
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.134	0.082	0.054	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-05	Date Collected	: 07/29/25 11:30
Client ID	: TP-108 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 20:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.369g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.079	0.051	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-06	Date Collected	: 07/29/25 11:00
Client ID	: TP-110 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 20:23
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.371g	%Solids	: 91
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.102	0.074	0.048	



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-07	Date Collected	: 07/29/25 11:05
Client ID	: TP-110 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 20:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.339g	%Solids	: 85
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.087	0.057	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-08	Date Collected	: 07/29/25 10:30
Client ID	: TP-111 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 11:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.379g	%Solids	: 80
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.078	0.083	0.054	J



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-09	Date Collected	: 07/29/25 09:05
Client ID	: TP-112 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 11:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.353g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.401	0.082	0.054	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-10	Date Collected	: 07/29/25 09:15
Client ID	: TP-112 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.393g	%Solids	: 82
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.077	0.050	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-11	Date Collected	: 07/29/25 09:45
Client ID	: TP-114 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.363g	%Solids	: 78
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.380	0.088	0.057	

Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-12	Date Collected	: 07/29/25 09:55
Client ID	: TP-114 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.356g	%Solids	: 84
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.084	0.054	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-13	Date Collected	: 07/29/25 08:45
Client ID	: TP-115 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.355g	%Solids	: 83
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.181	0.085	0.055	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-14	Date Collected	: 07/29/25 08:50
Client ID	: TP-115 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.377g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.078	0.051	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-15	Date Collected	: 07/29/25 13:40
Client ID	: TP-105 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 11:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.381g	%Solids	: 76
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.089	0.087	0.057	



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-16	Date Collected	: 07/29/25 13:50
Client ID	: TP-105 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:24
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.383g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.074	0.048	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-17	Date Collected	: 07/29/25 00:00
Client ID	: DUP-02	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: JWN
Lab File ID	: WG2100577.pdf	Instrument ID	: NIC2
Sample Amount	: 0.363g	%Solids	: 75
Digestion Method	: EPA 7471B	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.172	0.092	0.060	



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2100319-1
Client ID : WG2100319-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG2100577.pdf
Sample Amount : 0.3g
Digestion Method : EPA 7471B

Lab Number : L2547432
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/08/25 18:57
Dilution Factor : 1
Analyst : JWN
Instrument ID : NIC2
%Solids : NA
Date Digested : 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.083	0.054	U



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2100319-4
Client ID : WG2100319-4 DUP
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG2100577.pdf
Sample Amount : 0.39g
Digestion Method : EPA 7471B

Lab Number : L2547432
Project Number : W96.013.001
Date Collected : 07/28/25 08:15
Date Received : 07/29/25
Date Analyzed : 08/08/25 19:10
Dilution Factor : 1
Analyst : JWN
Instrument ID : NIC2
%Solids : 95
Date Digested : 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.068	0.044	U



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2100438-1
Client ID : WG2100438-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,7471B
Lab File ID : WG2100577.pdf
Sample Amount : 0.3g
Digestion Method : EPA 7471B

Lab Number : L2547432
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/08/25 11:32
Dilution Factor : 1
Analyst : JWN
Instrument ID : NIC2
%Solids : NA
Date Digested : 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.083	0.054	U



Form 2A

Initial and Continuing Calibration Verification

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : NIC2

Lab Number : L2547432
 Project Number : W96.013.001
 Units : mg/l

Parameter	Lab ID : Date Analyzed :	Initial Calibration			Continuing Calibration(s)						
		True	Found	%R	R1997321-21 08/08/25 19:27			R1997321-23 08/08/25 20:07		R1997321-25 08/08/25 20:46	
					True	Found	%R	Found	%R	Found	%R
Mercury					0.0100	0.0101	101	0.0101	101	0.00810	81

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	77-123%	(Method 1631)	76-113%	(Method 245.7)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)		
	85-115%	(Method 200.8)	80-120%	(Methods 7470, 7471)
	77-123%	(Method 1631)	76-113%	(Method 245.7)



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-01	Date Collected	: 07/29/25 14:20
Client ID	: TP-101 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.043g	%Solids	: 89
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-02	Date Collected	: 07/29/25 14:30
Client ID	: TP-101 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.083g	%Solids	: 78
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.25	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-03	Date Collected	: 07/29/25 14:05
Client ID	: TP-107 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C	Instrument ID	: LACHAT6
Sample Amount	: 1.0923g	%Solids	: 83
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-04	Date Collected	: 07/29/25 11:20
Client ID	: TP-108 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.0353g	%Solids	: 80
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.26	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-05	Date Collected	: 07/29/25 11:30
Client ID	: TP-108 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.0277g	%Solids	: 86
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-06	Date Collected	: 07/29/25 11:00
Client ID	: TP-110 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:47
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.0757g	%Solids	: 91
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.0	0.22	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-07	Date Collected	: 07/29/25 11:05
Client ID	: TP-110 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:48
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.0058g	%Solids	: 85
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	1.8	1.2	0.25	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-08	Date Collected	: 07/29/25 10:30
Client ID	: TP-111 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.0561g	%Solids	: 80
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.25	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-09	Date Collected	: 07/29/25 09:05
Client ID	: TP-112 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.0111g	%Solids	: 86
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	0.25	1.1	0.24	J



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-10	Date Collected	: 07/29/25 09:15
Client ID	: TP-112 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 12:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.0899g	%Solids	: 82
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-11	Date Collected	: 07/29/25 09:45
Client ID	: TP-114 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:06
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C	Instrument ID	: LACHAT6
Sample Amount	: 1.0021g	%Solids	: 78
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	0.38	1.3	0.27	J



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-12	Date Collected	: 07/29/25 09:55
Client ID	: TP-114 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C	Instrument ID	: LACHAT6
Sample Amount	: 1.0527g	%Solids	: 84
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-13	Date Collected	: 07/29/25 08:45
Client ID	: TP-115 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C	Instrument ID	: LACHAT6
Sample Amount	: 1.0789g	%Solids	: 83
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-14	Date Collected	: 07/29/25 08:50
Client ID	: TP-115 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C	Instrument ID	: LACHAT6
Sample Amount	: 1.0881g	%Solids	: 86
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.23	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-15	Date Collected	: 07/29/25 13:40
Client ID	: TP-105 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C	Instrument ID	: LACHAT6
Sample Amount	: 1.0704g	%Solids	: 76
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.26	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-16	Date Collected	: 07/29/25 13:50
Client ID	: TP-105 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C	Instrument ID	: LACHAT6
Sample Amount	: 1.0829g	%Solids	: 89
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.0	0.22	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-17	Date Collected	: 07/29/25 00:00
Client ID	: DUP-02	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C	Instrument ID	: LACHAT6
Sample Amount	: 1.0752g	%Solids	: 75
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.2	0.26	U



Form 1
WETCHEM

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2100363-1
Client ID : WG2100363-1BLANK
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,9010C/9012B
Lab File ID : TCN080825-A
Sample Amount : 1.0636g
Digestion Method :

Lab Number : L2547432
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/08/25 12:30
Dilution Factor : 1
Analyst : JER
Instrument ID : LACHAT6
%Solids : NA
Date Digested : 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.88	0.19	U



Form 1

WETCHEM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100801-1
 Client ID : WG2100801-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN081125-C
 Sample Amount : 1.0118g
 Digestion Method :

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/11/25 14:59
 Dilution Factor : 1
 Analyst : JER
 Instrument ID : LACHAT6
 %Solids : NA
 Date Digested : 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.98	0.21	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-01	Date Collected	: 07/29/25 14:20
Client ID	: TP-101 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 89
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	89.3	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-02	Date Collected	: 07/29/25 14:30
Client ID	: TP-101 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 78
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	78.4	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-03	Date Collected	: 07/29/25 14:05
Client ID	: TP-107 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 21:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: HGE
Lab File ID	: WG2099421.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	82.7	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-04	Date Collected	: 07/29/25 11:20
Client ID	: TP-108 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	79.7	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-05	Date Collected	: 07/29/25 11:30
Client ID	: TP-108 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 86
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	85.9	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-06	Date Collected	: 07/29/25 11:00
Client ID	: TP-110 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 91
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	90.8	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-07	Date Collected	: 07/29/25 11:05
Client ID	: TP-110 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 85
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	84.8	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-08	Date Collected	: 07/29/25 10:30
Client ID	: TP-111 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 80
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	79.7	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-09	Date Collected	: 07/29/25 09:05
Client ID	: TP-112 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 86
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	86.3	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-10	Date Collected	: 07/29/25 09:15
Client ID	: TP-112 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 82
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	82.4	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-11	Date Collected	: 07/29/25 09:45
Client ID	: TP-114 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 78
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	78.4	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-12	Date Collected	: 07/29/25 09:55
Client ID	: TP-114 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 84
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	84.1	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-13	Date Collected	: 07/29/25 08:45
Client ID	: TP-115 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	83.3	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-14	Date Collected	: 07/29/25 08:50
Client ID	: TP-115 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 86
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	85.6	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-15	Date Collected	: 07/29/25 13:40
Client ID	: TP-105 FILL	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 76
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	75.6	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-16	Date Collected	: 07/29/25 13:50
Client ID	: TP-105 NATIVE	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 89
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	88.6	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547432
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547432-17	Date Collected	: 07/29/25 00:00
Client ID	: DUP-02	Date Received	: 07/29/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/02/25 21:42
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: SJB
Lab File ID	: WG2098306.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	74.9	0.100	NA	



Form 1

WETCHEM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098306-1
 Client ID : TP-105 FILLDUP
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG2098306.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2547432
 Project Number : W96.013.001
 Date Collected : 07/29/25 13:40
 Date Received : 07/29/25
 Date Analyzed : 08/02/25 21:42
 Dilution Factor : 1
 Analyst : SJB
 Instrument ID : BALANCE#53
 %Solids : 76
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	70.0	0.100	NA	



250808a

2025

PEST_11

Dep.: PEST
 Inst: PEST_11
 Date: 08/08/25
 Run: a

Method
 GC: pest
 Seq: WG2100619
 IS: pp12079



Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
1	11250808a-01	blank				
2	11250808a-02	deg12090 7:27				AKM 8/9
3	11250808a-03	pest12127 b: methoxy low				AKM 8/9
4	11250808a-04	chlor12086 15%				AKM 8/9
5	11250808a-05	tox12158 a: 20%, b: low				AKM 8/9
6	11250808a-06	blank				
7	11250808a-07	WG2100432-1,42,, splp				kab 8/8
8	11250808a-08	WG2100432-2,42,, splp				kab 8/8
9	11250808a-09	WG2100432-3,42,, splp				kab 8/8
10	11250808a-10	L2549201-01,42,,,R1B splp			akm	kab 8/8
11	11250808a-11	WG2099963-2,42,, 9959 mcp				kab 8/8
12	11250808a-12	WG2099963-1,42,, 9959 mcp				kab 8/8
13	11250808a-13	WG2099963-3,42,, 9959 mcp				kab 8/8
14	11250808a-14	WG2100228-1,42,,				kab 8/8
15	11250808a-15	WG2100228-2,42,,				kab 8/8
16	11250808a-16	WG2100228-3,42,,				kab 8/8
17	11250808a-17	L2548479-01,42,,,R3E re				kab 8/8
18	11250808a-18	L2547425-98,42,, re				kab 8/8
19	11250808a-19	WG2099768-1,42,,				kab 8/8
20	11250808a-20	WG2099768-2,42,,				kab 8/8
21	11250808a-21	WG2099768-3,42,,				kab 8/8
22	11250808a-22	L2547184-01,42,,				kab 8/8
23	11250808a-23	L2549019-04,42,,,R3E				kab 8/8
24	11250808a-24	L2549019-06,42,,,R3E				kab 8/8
25	11250808a-25	WG2099961-1,42,,				kab 8/8
26	11250808a-26	WG2099961-2,42,,				kab 8/8
27	11250808a-27	WG2099961-3,42,,				kab 8/8
28	11250808a-28	L2547432-02,42,,				kab 8/8
29	11250808a-29	L2547120-27,42,,				kab 8/8
30	11250808a-30	L2547120-29,42,,				kab 8/8
31	11250808a-31	L2547399-10,42,,				kab 8/8
32	11250808a-32	L2547399-11,42,,				kab 8/8
33	11250808a-33	L2547432-04,42,,				kab 8/8
34	11250808a-34	L2547432-05,42,,				kab 8/8
35	11250808a-35	WG2100514-1,42,, 515 mcp				kab 8/8
36	11250808a-36	WG2100514-2,42,, 515 mcp				kab 8/8
37	11250808a-37	WG2100514-3,42,, 515 mcp				kab 8/8
38	11250808a-38	L2549621-01,42,,,R1A				kab 8/8
39	11250808a-39	L2549249-01,42,,,R1C		PEG		DLP 8/11
40	11250808a-40	L2549625-09,42,,,R3B				DLP 8/11
41	11250808a-41	L2547432-06,42,,				EMR 8/12
42	11250808a-42	L2547432-07,42,,				EMR 8/12
43	11250808a-43	L2547432-08,42,,				EMR 8/12
44	11250808a-44	L2547432-09,42,,				EMR 8/12
45	11250808a-45	pest12127 a: ala high, b: ddt, end alde, methoxy, mirex low			akm	PEG 8/9

250808a

2025

PEST_11

Dep.: PEST
 Inst: PEST_11
 Date: **08/08/25**
 Run: a

Method
 GC: pest
 Seq: WG2100619
 IS: pp12079



Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
46	11250808a-46	L2547432-10,42,,		PEG		EMR 8/12
47	11250808a-47	L2548371-01,42,,				EMR 8/12
48	11250808a-48	L2548371-02,42,,				EMR 8/12
49	11250808a-49	L2548371-03,42,,				EMR 8/12
50	11250808a-50	L2548371-04,42,,				EMR 8/12
51	11250808a-51	L2548371-05,42,,			akm	EMR 8/12
52	11250808a-52	L2547399-12,42,,				EMR 8/12
53	11250808a-53	L2549025-01,42,,R3E	rrun hit of ddt			
54	11250808a-54	L2547432-01,42,,	rrun hit of ddt			
55	11250808a-55	L2549045-01,42,,				EMR 8/19
56	11250808a-56	L2549045-02,42,,				EMR 8/19
57	11250808a-57	L2549045-03,42,,			ejl	EMR 8/19

Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2547831
October 20, 2025
Sampling date: 7/30/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2547831

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for C&S Engineers, project located at 160 Center St., Canastota, NY, SDG#L2547831 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Perfluorinated Hydrocarbons (EPA 1633), Inorganics/Mercury (6010D, 7470A) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	MW-104	L2547831-01
2	MW-103	L2547831-02
3	DUP-03	L2547831-03
4	EQUIPMENT BLANK	L2547831-04
5	VOC BLANK	L2547831-05
6	TRIP BLANK	L2547831-06

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except a target analyte was detected in a sample blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
6	Acetone	3.2	U at RL	1, 3
6	Acetone	3.2	JH	2

INITIAL CALIBRATION

All criteria were met except a target analyte was outside QC limits in the Initial Calibration(ICal)

Old Erie Commons

SDG# L2547831

and/or the Initial Calibration Verification(ICV) and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICal/ICV VOA101	1,1,2-Trichloroethane	RRF	UJ/J	WG2102136, 1-3, 6

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2102136-2	Bromomethane	54.4	UJ/J	WG2102136, 1-3, 6
WG2102136-2	n-Propylbenzene	-21	UJ/J	WG2102136, 1-3, 6
WG2102136-2	1,1,2-Trichloroethane	RRF	UJ/J	WG2102136, 1-3, 6

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except several target analytes were outside QC limits in the method blanks and should be qualified in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
WG2097763	Di-n-butyl phthalate	4.4	U at RL	1, 3
WG2097763	Di-n-butyl phthalate	4.4	JH	2
WG2097764	Naphthalene	.05	U at RL	1-3
WG2097764	Benzo(a)anthracene	.03	U at RL	1-3
WG2099273	1,4-Dioxane	246	U at RL	1-3

A target analyte was detected in the method blank but was not detected in the associated samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except Pentachlorophenol and Hexachlorobenzene were detected in DUSR ID#3 but were not detected in #1.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except a couple of target analytes were outside QC limits in the continuing calibrations and should be qualified in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2098237-3	Di-n-butylphthalate	29.3	J	WG2097763
WG2098237-3	Bis(2-chloroisopropyl)ether	21.6	UJ/J	WG2097763
WG2098094-3	Di-n-butylphthalate	30.1	UJ/J	1-3

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation

Old Erie Commons

SDG# L2547831

- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except a target analyte and a surrogate were outside QC limits in the Initial Calibration(ICal) and/or the Initial Calibration Verification(ICV) and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	%D column #1	%D column #2	Qualifier	Associated Sample
ICV Pest2	Aroclor 1268 p5	-20.6	-	UJ	WG2098331-1, 1-3
ICV Pest2	DCBP	23.2	28.0	J	WG2098331, 1-3

CONTINUING CALIBRATION

All criteria were met except a target analyte and a surrogate were outside QC limits in a continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D column #1	%D column #2	Qualifier	Associated Sample
WG2098413-1	Aroclor 1260 p4	30	-	UJ/J	WG2098331, 1-3
WG2098413-1	DCBP	-	32.3	J	WG2098331, 1-3

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for al target analyte in a sample and should be qualified as estimated.

Target Analyte	Qualifier	Associated Sample
Endrin Ketone	J	2

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except a couple of surrogates were outside QC limits in a sample and should be qualified as estimated.

Surrogate	Associated Target Analyte	Qualifier	Associated Sample
M2-4:2FTS	4:2FTS	UJ	1-3
M2-6:2FTS	6:2FTS	UJ	1-3
MPFDoA	PFDoA, PFTrDA	UJ	1-3
d3-NMeFOSA	NMeFOSA	UJ	2
d5-NEtFOSA	NEtFOSA	UJ	1-3
d7-NMeFOSE	NMeFOSE	UJ	2, 3
d9-NEtFOSE	NEtFOSE	UJ	1-3
M2-PFTeDA	PFTA	UJ	2, 3

BLANKS

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

The %Rec of a target analyte was outside QC limits, high in the laboratory control samples but it was not detected in the associated samples, so no further action is required.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All the criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met except a target analyte was outside QC limits in a continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%Rec	Qualifier	Associated Sample
WG2099511-1	PFTTrDA	149.4	UJ/J	WG2098351, 1-3
WG2099511-7	PFTTrDA	137.4	UJ/J	WG2098351, 1-3

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except a target analyte was detected in a blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration	Qualifier	Associated Sample
WG2099833	Ba	.00018mg/L	JH	1-3

A target analyte was detected in the blanks but was not detected in the associated samples, so no further action is required.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD/Duplicate was acquired.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except a target analyte was outside QC limits in the interference check and should be qualified in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%Rec	Qualifier	Associated Sample
R1999861-3	K	122	JH	WG2099833-2, 1-3

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

CYANIDE

All criteria were met except Cn was detected in the method blank. Cn was not detected in the associated samples, so no further action is required.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547831
Report Date: 08/19/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547831
Report Date: 08/19/25

Case Narrative (continued)

Report Submission

August 19, 2025: This final report includes the results of all requested analyses.

August 18, 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

L2547831-04 and -05: At the client's request, the sample was placed on hold.

Perfluorinated Alkyl Acids by 1633

L2547831-01: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (243%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (255%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2547831-02: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (234%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (279%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2547831-03: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (230%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (214%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

The WG2098351-3 LCS recovery associated with L2547831-01 through -03 is above the acceptance criteria for perfluorotridecanoic acid (pftrda) (147%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

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

Authorized Signature:  Kelly Stenstrom

Report Date: 08/19/25

Title: Technical Director/Representative



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V01250811B14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 17:05
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V01250811B14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 17:05
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.8	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547831
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547831-01	Date Collected : 07/30/25 10:21
Client ID : MW-104	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/11/25 17:05
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : PID
Lab File ID : V01250811B14	Instrument ID : VOA101
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V01250811B15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 17:31
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V01250811B15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 17:31
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	15	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-02	Date Collected	: 07/30/25 14:40
Client ID	: MW-103	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 17:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V01250811B15	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V01250811B16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 17:57
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547831
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547831-03	Date Collected : 07/30/25 00:00
Client ID : DUP-03	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/11/25 17:57
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : PID
Lab File ID : V01250811B16	Instrument ID : VOA101
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.8	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547831
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547831-03	Date Collected : 07/30/25 00:00
Client ID : DUP-03	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/11/25 17:57
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : PID
Lab File ID : V01250811B16	Instrument ID : VOA101
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547831
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547831-06	Date Collected : 07/30/25 00:00
Client ID : TRIP BLANK	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/11/25 18:23
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : PID
Lab File ID : V01250811B17	Instrument ID : VOA101
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547831
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547831-06	Date Collected : 07/30/25 00:00
Client ID : TRIP BLANK	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/11/25 18:23
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : PID
Lab File ID : V01250811B17	Instrument ID : VOA101
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	3.2	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-06	Date Collected	: 07/30/25 00:00
Client ID	: TRIP BLANK	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 18:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V01250811B17	Instrument ID	: VOA101
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102136-5
 Client ID : WG2102136-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V01250811B06
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/11/25 13:35
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102136-5
 Client ID : WG2102136-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V01250811B06
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/11/25 13:35
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102136-5
 Client ID : WG2102136-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V01250811B06
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/11/25 13:35
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA101
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Initial Calibration Summary

Form 6

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA101
 Calibration dates : 07/12/25 14:56 07/13/25 13:55

Lab Number : L2547831
 Project Number : W96.013.001
 Ical Ref : ICAL22463

Calibration Files

L11 =V01250713A03.D L1 =V01250712A05.D L2 =V01250712A07.D L3 =V01250712A09.D L4 =V01250712A10.D
 L6 =V01250712A11.D L8 =V01250712A12.D L10 =V01250712A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP 1,1-Dichloropr	0.233	0.280	0.344	0.355	0.358	0.375	0.384	0.333	16.63	
41) TP Benzene	0.929	0.852	0.922	0.983	1.015	0.995	1.012	1.024	0.967	6.20
42) TP Tertiary-Amyl Methyl Ether	0.481	0.478	0.533	0.567	0.580	0.591	0.604	0.548	9.43	
43) S 1,2-Dichloroethane-d4	0.324	0.328	0.329	0.323	0.314	0.324	0.323	0.333	0.325	1.71
44) TP 1,2-Dichloroethane	0.333	0.354	0.334	0.331	0.337	0.338	0.337	0.342	0.338	2.14
47) TP Methyl cyclohe	0.228	0.397	0.432	0.448	0.485	0.505	*L		0.9977	
48) TP Trichloroethene	0.244	0.244	0.258	0.281	0.282	0.284	0.297	0.300	0.274	8.08
50) TP Dibromomethane	0.127	0.130	0.136	0.140	0.141	0.143	0.144	0.137	4.78	
51) TP 1,2-Dichloropr	0.235	0.240	0.264	0.273	0.275	0.277	0.282	0.264	7.04	
53) TP 2-Chloroethyl	0.010	0.018	0.018	0.020	0.021	0.022	*L		0.9982	
54) TP Bromodichlorom	0.299	0.322	0.343	0.359	0.363	0.369	0.378	0.347	8.15	
57) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	15.79	
58) TP cis-1,3-Dichloropropene	0.251	0.286	0.314	0.365	0.404	0.415	0.420	0.429	0.360	19.03
59) I Chlorobenzene-d5	-----ISTD-----									
60) S Toluene-d8	1.300	1.288	1.304	1.293	1.306	1.291	1.309	1.300	1.299	0.58
61) TP Toluene	0.675	0.736	0.777	0.785	0.785	0.807	0.816	0.769	6.32	
62) TP 4-Methyl-2-pen	0.043	0.059	0.068	0.071	0.072	0.072	0.072	0.064	18.07	
63) TP Tetrachloroethene	0.328	0.249	0.307	0.372	0.373	0.377	0.398	0.400	0.350	15.10
65) TP trans-1,3-Dichloropropene	0.237	0.270	0.307	0.368	0.402	0.417	0.424	0.431	*Q	0.9997
67) TP Ethyl methacry	0.171	0.238	0.284	0.296	0.300	0.305	0.266	19.74		
68) TP 1,1,2-Trichlor	0.164	0.173	0.188	0.193	0.189	0.188	0.188	0.183#	5.72	
69) TP Chlorodibromom	0.224	0.249	0.276	0.303	0.311	0.320	0.324	0.287	13.36	
70) TP 1,3-Dichloropr	0.345	0.363	0.396	0.401	0.398	0.400	0.401	0.386	5.88	
71) TP 1,2-Dibromoethane	0.174	0.196	0.209	0.223	0.223	0.225	0.228	0.211	9.34	
72) TP 2-Hexanone	0.080	0.109	0.130	0.140	0.141	0.142	0.124	19.94		
73) TP Chlorobenzene	0.772	0.824	0.885	0.896	0.884	0.897	0.899	0.866	5.62	
74) TP Ethylbenzene	1.075	1.263	1.477	1.521	1.514	1.557	1.575	1.426	13.07	
75) TP 1,1,1,2-Tetrac	0.272	0.294	0.318	0.334	0.337	0.346	0.349	0.321	9.02	
76) TP p/m Xylene	0.415	0.484	0.592	0.598	0.591	0.606	0.597	0.555	13.48	
77) TP o Xylene	0.392	0.497	0.563	0.581	0.569	0.577	0.569	0.536	12.91	
78) TP Styrene	0.624	0.761	0.931	0.969	0.959	0.970	0.955	0.881	15.38	
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
80) TP Bromoform	0.243	0.274	0.289	0.324	0.332	0.345	0.352	0.309	13.08	
82) TP Isopropylbenzene	1.771	2.104	2.617	2.699	2.690	2.842	2.902	2.518	16.65	
83) S 4-Bromofluorobenzene	0.881	0.900	0.887	0.889	0.891	0.883	0.893	0.912	0.892	1.14
84) TP Bromobenzene	0.628	0.634	0.650	0.671	0.659	0.669	0.679	0.655	2.95	



Evaluate Continuing Calibration Report

Data Path : K:\VOA101\2025\250712AICAL\
 Data File : V01250713A05.D
 Acq On : 13 Jul 2025 2:47 pm
 Operator : VOA101:PID
 Sample : C8260STD10PPB
 Misc : WG2090214,ICAL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 14 07:15:41 2025
 Quant Method : K:\VOA101\2025\250712AICAL\V101_250712A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Sun Jul 13 14:25:00 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43 S	1,2-Dichloroethane-d4	0.325	0.321	1.2	100	0.00
44 TP	1,2-Dichloroethane	0.338	0.349	-3.3	106	0.00
47 TP	Methyl cyclohexane	* 10.000	11.356	-13.6	124	0.00
48 TP	Trichloroethene	0.274	0.277	-1.1	99	0.00
50 TP	Dibromomethane	0.137	0.142	-3.6	105	0.00
51 TP	1,2-Dichloropropane	0.264	0.273	-3.4	104	0.00
53 TP	2-Chloroethyl vinyl ether	* 10.000	10.069	-0.7	106	0.00
54 TP	Bromodichloromethane	0.347	0.344	0.9	101	0.00
57 TP	1,4-Dioxane	0.00115	0.00104#	9.6	82	0.00
58 TP	cis-1,3-Dichloropropene	0.360	0.387	-7.5	107	0.00
59 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
60 S	Toluene-d8	1.299	1.300	-0.1	103	0.00
61 TP	Toluene	0.769	0.791	-2.9	105	0.00
62 TP	4-Methyl-2-pentanone	0.064	0.056	12.5	98	0.00
63 TP	Tetrachloroethene	0.350	0.385	-10.0	107	0.00
65 TP	trans-1,3-Dichloropropene	* 10.000	9.501	5.0	105	0.00
67 TP	Ethyl methacrylate	0.266	0.241	9.4	104	0.00
68 TP	1,1,2-Trichloroethane	0.183	0.186#	-1.6	102	0.00
69 TP	Chlorodibromomethane	0.287	0.293	-2.1	109	0.00
70 TP	1,3-Dichloropropane	0.386	0.392	-1.6	102	0.00
71 TP	1,2-Dibromoethane	0.211	0.214	-1.4	106	0.00
72 TP	2-Hexanone	0.124	0.108	12.9	102	0.00
73 TP	Chlorobenzene	0.866	0.888	-2.5	103	0.00
74 TP	Ethylbenzene	1.426	1.518	-6.5	106	0.00
75 TP	1,1,1,2-Tetrachloroethane	0.321	0.324	-0.9	105	0.00
76 TP	p/m Xylene	0.555	0.605	-9.0	105	0.00
77 TP	o Xylene	0.536	0.564	-5.2	103	0.00
78 TP	Styrene	0.881	0.943	-7.0	104	0.00
79 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
80 TP	Bromoform	0.309	0.300	2.9	108	0.00
82 TP	Isopropylbenzene	2.518	2.622	-4.1	105	0.00
83 S	4-Bromofluorobenzene	0.892	0.883	1.0	104	0.00
84 TP	Bromobenzene	0.655	0.673	-2.7	108	0.00
85 TP	n-Propylbenzene	2.868	3.028	-5.6	105	0.00
86 TP	1,4-Dichlorobutane	0.699	0.717	-2.6	109	0.00
87 TP	1,1,2,2-Tetrachloroethane	0.404	0.408	-1.0	102	0.00
88 TP	4-Ethyltoluene	2.452	2.764	-12.7	113	0.00

Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA101
 Lab File ID : V01250811B02
 Sample No : WG2102136-2
 Channel :

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/11/25 11:50
 Init. Calib. Date(s) : 07/12/25 07/13/25
 Init. Calib. Times : 14:56 13:55

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	184	0
Dichlorodifluoromethane	0.288	0.258	-	10.4	20	165	0
Chloromethane	0.356	0.307	-	13.8	20	158	0
Vinyl chloride	0.296	0.304	-	-2.7	20	190	0
Bromomethane	0.171	0.078	-	54.4*	20	91	0
Chloroethane	0.166	0.178	-	-7.2	20	199	0
Trichlorofluoromethane	0.335	0.319	-	4.8	20	175	0
Ethyl ether	0.1	0.106	-	-6	20	202	0
1,1-Dichloroethene	0.217	0.209	-	3.7	20	176	0
Carbon disulfide	0.707	0.684	-	3.3	20	183	0
Freon-113	0.231	0.212	-	8.2	20	171	0
Iodomethane	10	3.82	-	61.8*	20	72	0
Acrolein	0.032	0.031	-	3.1	20	191	0
Methylene chloride	0.278	0.263	-	5.4	20	180	0
Acetone	0.049	0.044	-	10.2	20	162	0
trans-1,2-Dichloroethene	0.25	0.241	-	3.6	20	176	0
Methyl acetate	0.12	0.117	-	2.5	20	183	0
Methyl tert-butyl ether	0.569	0.505	-	11.2	20	166	0
tert-Butyl alcohol	0.012	0.013	-	-8.3	20	201	0
Diisopropyl ether	0.969	0.948	-	2.2	20	182	0
1,1-Dichloroethane	0.503	0.489	-	2.8	20	176	0
Halothane	0.187	0.178	-	4.8	20	171	0
Acrylonitrile	0.054	0.055	-	-1.9	20	197	0
Ethyl tert-butyl ether	0.715	0.715	-	0	20	186	0
Vinyl acetate	0.436	0.464	-	-6.4	20	198	0
cis-1,2-Dichloroethene	0.271	0.264	-	2.6	20	179	0
2,2-Dichloropropane	0.363	0.35	-	3.6	20	177	0
Bromochloromethane	0.118	0.12	-	-1.7	20	179	0
Cyclohexane	10	10.188	-	-1.9	20	194	0
Chloroform	0.473	0.417	-	11.8	20	161	0
Ethyl acetate	0.176	0.166	-	5.7	20	184	0
Carbon tetrachloride	0.378	0.328	-	13.2	20	155	0
Tetrahydrofuran	0.057	0.055	-	3.5	20	181	0
Dibromofluoromethane	0.287	0.265	-	7.7	20	172	0
1,1,1-Trichloroethane	0.413	0.354	-	14.3	20	155	0
2-Butanone	10	8.808	-	11.9	20	174	0
1,1-Dichloropropene	0.333	0.307	-	7.8	20	164	0
Benzene	0.967	0.923	-	4.6	20	173	0
tert-Amyl methyl ether	0.548	0.495	-	9.7	20	171	0
1,2-Dichloroethane-d4	0.325	0.281	-	13.5	20	160	0
1,2-Dichloroethane	0.338	0.295	-	12.7	20	164	0
Methyl cyclohexane	10	9.172	-	8.3	20	177	0
Trichloroethene	0.274	0.252	-	8	20	165	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA101
 Lab File ID : V01250811B02
 Sample No : WG2102136-2
 Channel :

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/11/25 11:50
 Init. Calib. Date(s) : 07/12/25 07/13/25
 Init. Calib. Times : 14:56 13:55

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.137	0.123	-	10.2	20	166	0
1,2-Dichloropropane	0.264	0.267	-	-1.1	20	186	0
2-Chloroethyl vinyl ether	10	11.429	-	-14.3	20	225	0
Bromodichloromethane	0.347	0.305	-	12.1	20	164	0
1,4-Dioxane	0.00115	0.00119*	-	-3.5	20	172	0
cis-1,3-Dichloropropene	0.36	0.349	-	3.1	20	176	0
Chlorobenzene-d5	1	1	-	0	20	171	0
Toluene-d8	1.299	1.294	-	0.4	20	171	0
Toluene	0.769	0.777	-	-1	20	171	0
4-Methyl-2-pentanone	0.064	0.062	-	3.1	20	178	0
Tetrachloroethene	0.35	0.325	-	7.1	20	149	0
trans-1,3-Dichloropropene	10	9.146	-	8.5	20	168	0
Ethyl methacrylate	0.266	0.239	-	10.2	20	172	0
1,1,2-Trichloroethane	0.183	0.188*	-	-2.7	20	170	0
Chlorodibromomethane	0.287	0.27	-	5.9	20	167	0
1,3-Dichloropropane	0.386	0.383	-	0.8	20	165	0
1,2-Dibromoethane	0.211	0.215	-	-1.9	20	176	0
2-Hexanone	0.124	0.109	-	12.1	20	170	0
Chlorobenzene	0.866	0.893	-	-3.1	20	172	0
Ethylbenzene	1.426	1.513	-	-6.1	20	175	0
1,1,1,2-Tetrachloroethane	0.321	0.306	-	4.7	20	164	0
p/m Xylene	0.555	0.58	-	-4.5	20	168	0
o Xylene	0.536	0.551	-	-2.8	20	167	0
Styrene	0.881	0.907	-	-3	20	166	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	149	0
Bromoform	0.309	0.294	-	4.9	20	151	0
Isopropylbenzene	2.518	2.927	-	-16.2	20	166	0
4-Bromofluorobenzene	0.892	0.949	-	-6.4	20	159	0
Bromobenzene	0.655	0.693	-	-5.8	20	159	0
n-Propylbenzene	2.868	3.47	-	-21*	20	172	0
1,4-Dichlorobutane	0.699	0.867	-	-24*	20	188	0
1,1,2,2-Tetrachloroethane	0.404	0.486	-	-20.3*	20	173	0
4-Ethyltoluene	2.452	2.863	-	-16.8	20	167	0
2-Chlorotoluene	1.783	2.104	-	-18	20	172	0
1,3,5-Trimethylbenzene	2.09	2.38	-	-13.9	20	164	0
1,2,3-Trichloropropane	0.348	0.386	-	-10.9	20	164	0
trans-1,4-Dichloro-2-buten	0.116	0.128	-	-10.3	20	173	0
4-Chlorotoluene	1.775	2.08	-	-17.2	20	171	0
tert-Butylbenzene	1.674	1.982	-	-18.4	20	168	0
1,2,4-Trimethylbenzene	2.006	2.291	-	-14.2	20	163	0
sec-Butylbenzene	10	10.523	-	-5.2	20	168	0
p-Isopropyltoluene	10	10.625	-	-6.3	20	167	0
1,3-Dichlorobenzene	1.182	1.312	-	-11	20	162	0

* Value outside of QC limits.



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47831-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/05/25 07:26
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV106
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	4.7	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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47831-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/05/25 07:26
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV106
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-01	Date Collected	: 07/30/25 10:21
Client ID	: MW-104	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 07:26
Sample Matrix	: WATER	Date Extracted	: 08/01/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47831-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47831-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/05/25 07:49
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV106
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	5.2	5.0	0.96	
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47831-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/05/25 07:49
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV106
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	1.2	5.0	1.1	J
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-02	Date Collected	: 07/30/25 14:40
Client ID	: MW-103	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 07:49
Sample Matrix	: WATER	Date Extracted	: 08/01/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47831-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47831-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/05/25 08:13
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV106
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	4.6	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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 47831-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/05/25 08:13
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV106
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547831
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547831-03	Date Collected : 07/30/25 00:00
Client ID : DUP-03	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/05/25 08:13
Sample Matrix : WATER	Date Extracted : 08/01/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47831-03	Analyst : SMZ
Sample Amount : 100 ml	Instrument ID : SV106
Extraction Method : EPA 3510C	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : N/A
GPC Cleanup : N	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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097763-1
 Client ID : WG2097763-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 097763-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/02/25 15:12
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV106
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	4.4	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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097763-1
 Client ID : WG2097763-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 097763-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/02/25 15:12
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV106
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097763-1
 Client ID : WG2097763-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 097763-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/02/25 15:12
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV106
 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



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV106
 Lab File ID : ABN0802A
 Sample No : WG2098237-3
 Channel :

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/02/25 12:27
 Init. Calib. Date(s) : 07/17/25 07/17/25
 Init. Calib. Times : 11:21 22:44

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	106	0
n-Nitrosodimethylamine	0.675	0.638	-	5.5	20	89	.03
Pyridine	1.24	1.156	-	6.8	20	92	.03
2-Fluorophenol	1.045	1.023	-	2.1	20	94	.01
Aniline	1.588	1.594	-	-0.4	20	95	0
2-Chlorophenol	1.198	1.199	-	-0.1	20	95	0
Phenol-d6	1.304	1.235	-	5.3	20	91	0
Phenol	1.414	1.361	-	3.7	20	93	0
Bis(2-chloroethyl)ether	1.177	1.068	-	9.3	20	95	0
1,3-Dichlorobenzene	1.502	1.35	-	10.1	20	92	0
1,4-Dichlorobenzene	1.551	1.407	-	9.3	20	96	0
1,2-Dichlorobenzene	1.46	1.319	-	9.7	20	93	0
Benzyl alcohol	5	4.178	-	16.4	20	93	0
Bis(2-chloroisopropyl)ethe	1.967	1.542	-	21.6*	20	86	0
2-Methylphenol	1.061	0.992	-	6.5	20	85	0
Hexachloroethane	0.587	0.515	-	12.3	20	91	0
n-Nitrosodi-n-propylamine	0.78	0.722	-	7.4	20	93	0
3-Methylphenol/4-Methylphe	1.096	1.068	-	2.6	20	93	0
Nitrobenzene-d5	1.196	1.087	-	9.1	20	91	0
Nitrobenzene	1.239	1.133	-	8.6	20	92	0
Isophorone	2.112	1.955	-	7.4	20	89	0
2-Nitrophenol	0.524	0.599	-	-14.3	20	112	0
2,4-Dimethylphenol	1.234	1.142	-	7.5	20	84	0
Bis(2-chloroethoxy)methane	1.512	1.394	-	7.8	20	94	0
2,4-Dichlorophenol	0.997	1.038	-	-4.1	20	99	0
1,2,4-Trichlorobenzene	1.282	1.152	-	10.1	20	95	0
IS1_Naphthalene-d8	1	1	-	0	20	105	0
Naphthalene	1.055	0.915	-	13.3	20	94	0
Benzoic Acid	5	5.577	-	-11.5	20	130	0
4-Chloroaniline	0.107	0.102	-	4.7	20	93	0
Hexachlorobutadiene	0.179	0.165	-	7.8	20	99	0
p-Chloro-m-cresol	0.234	0.231	-	1.3	20	97	0
2-Methylnaphthalene	0.606	0.529	-	12.7	20	93	0
1-Methylnaphthalene	0.227	0.192	-	15.4	20	93	0
Hexachlorocyclopentadiene	0.2	0.213	-	-6.5	20	111	0
2,4,6-Trichlorophenol	0.177	0.187	-	-5.6	20	104	0
2,4,5-Trichlorophenol	0.194	0.199	-	-2.6	20	98	0
2-Fluorobiphenyl	0.778	0.683	-	12.2	20	96	0
2-Chloronaphthalene	0.675	0.588	-	12.9	20	96	0
2-Nitroaniline	5	4.261	-	14.8	20	97	0
1,4-Dinitrobenzene	5	4.35	-	13	20	98	0
1,3-Dinitrobenzene	0.106	0.095	-	10.4	20	103	0
Dimethyl phthalate	0.744	0.692	-	7	20	97	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV106
 Lab File ID : ABN0802A
 Sample No : WG2098237-3
 Channel :

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/02/25 12:27
 Init. Calib. Date(s) : 07/17/25 07/17/25
 Init. Calib. Times : 11:21 22:44

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.092	0.971	-	11.1	20	92	0
2,6-Dinitrotoluene	0.133	0.14	-	-5.3	20	98	0
1,2-Dinitrobenzene	0.062	0.065	-	-4.8	20	103	0
IS1_Acenaphthene-d10	1	1	-	0	20	112	0
3-Nitroaniline	0.273	0.268	-	1.8	20	95	0
Acenaphthene	1.128	0.901	-	20.1*	20	97	0
2,4-Dinitrophenol	5	5.148	-	-3	20	135	0
Dibenzofuran	1.816	1.47	-	19.1	20	98	0
2,4-Dinitrotoluene	5	4.284	-	14.3	20	98	0
4-Nitrophenol	5	4.248	-	15	20	98	0
2,3,5,6-Tetrachlorophenol	5	4.446	-	11.1	20	102	0
2,3,4,6-Tetrachlorophenol	5	5.604	-	-12.1	20	119	0
Diethyl phthalate	1.282	1.129	-	11.9	20	98	0
Fluorene	1.323	1.127	-	14.8	20	95	0
4-Chlorophenyl phenyl ethe	0.632	0.532	-	15.8	20	97	0
4-Nitroaniline	0.272	0.262	-	3.7	20	94	0
4,6-Dinitro-o-cresol	5	4.864	-	2.7	20	128	0
NDPA/DPA	1.055	0.923	-	12.5	20	96	0
Azobenzene	1.221	1.003	-	17.9	20	91	0
2,4,6-Tribromophenol	0.156	0.154	-	1.3	20	101	0
4-Bromophenyl phenyl ether	0.371	0.314	-	15.4	20	101	0
Hexachlorobenzene	0.432	0.357	-	17.4	20	100	0
Pentachlorophenol	5	4.272	-	14.6	20	110	0
IS1_Phenanthrene-d10	1	1	-	0	20	117	0
Phenanthrene	1.136	0.915	-	19.5	20	100	0
Anthracene	1.056	0.897	-	15.1	20	100	0
Carbazole	0.943	0.851	-	9.8	20	99	0
Di-n-butylphthalate	5	3.535	-	29.3*	20	98	0
Fluoranthene	1.126	0.964	-	14.4	20	96	0
Benzidine	5	4.42	-	11.6	20	112	0
Pyrene	1.224	1.041	-	15	20	95	0
4-Terphenyl-d14	0.899	0.763	-	15.1	20	97	0
Butyl benzyl phthalate	5	4.383	-	12.3	20	113	0
IS1_Chrysene-d12	1	1	-	0	20	112	0
Benzo(a)anthracene	1.186	0.972	-	18	20	92	0
3,3'-Dichlorobenzidine	5	4.101	-	18	20	104	0
Chrysene	1.211	0.98	-	19.1	20	95	0
Bis(2-ethylhexyl)phthalate	5	5.048	-	-1	20	111	0
Di-n-octylphthalate	5	5.743	-	-14.9	20	128	0
Benzo(b)fluoranthene	1.031	0.984	-	4.6	20	101	0
Benzo(k)fluoranthene	1.054	0.986	-	6.5	20	97	0
Benzo(a)pyrene	0.922	0.901	-	2.3	20	100	0
IS1_Perylene-d12	1	1	-	0	20	122	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV106
 Lab File ID : ABN0804N
 Sample No : WG2098094-3
 Channel :

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/04/25 22:28
 Init. Calib. Date(s) : 07/17/25 07/17/25
 Init. Calib. Times : 11:21 22:44

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.092	0.924	-	15.4	20	84	0
2,6-Dinitrotoluene	0.133	0.125	-	6	20	83	0
1,2-Dinitrobenzene	0.062	0.057	-	8.1	20	87	0
IS1_Acenaphthene-d10	1	1	-	0	20	97	0
3-Nitroaniline	0.273	0.261	-	4.4	20	81	0
Acenaphthene	1.128	0.94	-	16.7	20	88	0
2,4-Dinitrophenol	5	5.175	-	-3.5	20	118	0
Dibenzofuran	1.816	1.488	-	18.1	20	86	0
2,4-Dinitrotoluene	5	4.103	-	17.9	20	82	0
4-Nitrophenol	5	4.329	-	13.4	20	87	0
2,3,5,6-Tetrachlorophenol	5	4.426	-	11.5	20	89	0
2,3,4,6-Tetrachlorophenol	5	5.512	-	-10.2	20	102	0
Diethyl phthalate	1.282	1.086	-	15.3	20	82	0
Fluorene	1.323	1.157	-	12.5	20	85	0
4-Chlorophenyl phenyl ethe	0.632	0.534	-	15.5	20	85	0
4-Nitroaniline	0.272	0.252	-	7.4	20	79	0
4,6-Dinitro-o-cresol	5	4.803	-	3.9	20	110	0
NDPA/DPA	1.055	0.931	-	11.8	20	84	0
Azobenzene	1.221	1.003	-	17.9	20	80	0
2,4,6-Tribromophenol	0.156	0.148	-	5.1	20	85	0
4-Bromophenyl phenyl ether	0.371	0.3	-	19.1	20	84	0
Hexachlorobenzene	0.432	0.35	-	19	20	86	0
Pentachlorophenol	5	3.76	-	24.8*	20	83	0
IS1_Phenanthrene-d10	1	1	-	0	20	92	0
Phenanthrene	1.136	0.974	-	14.3	20	84	0
Anthracene	1.056	0.954	-	9.7	20	84	0
Carbazole	0.943	0.867	-	8.1	20	80	0
Di-n-butylphthalate	5	3.493	-	30.1*	20	76	0
Fluoranthene	1.126	0.964	-	14.4	20	76	0
Benzidine	5	4.605	-	7.9	20	93	0
Pyrene	1.224	1.045	-	14.6	20	76	0
4-Terphenyl-d14	0.899	0.737	-	18	20	74	0
Butyl benzyl phthalate	5	3.944	-	21.1*	20	79	0
IS1_Chrysene-d12	1	1	-	0	20	78	0
Benzo(a)anthracene	1.186	1.004	-	15.3	20	66	0
3,3'-Dichlorobenzidine	5	4.418	-	11.6	20	78	0
Chrysene	1.211	1.048	-	13.5	20	71	0
Bis(2-ethylhexyl)phthalate	5	4.602	-	8	20	70	0
Di-n-octylphthalate	5	5.232	-	-4.6	20	80	0
Benzo(b)fluoranthene	1.031	1.022	-	0.9	20	73	0
Benzo(k)fluoranthene	1.054	1.065	-	-1	20	73	0
Benzo(a)pyrene	0.922	0.969	-	-5.1	20	75	0
IS1_Perylene-d12	1	1	-	0	20	86	0

* Value outside of QC limits.



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47831-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/03/25 00:11
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.06	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.04	0.10	0.02	J
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.05	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.03	0.10	0.03	J
85-01-8	Phenanthrene	0.14	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.07	0.10	0.04	J
91-57-6	2-Methylnaphthalene	0.04	0.10	0.03	J
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47831-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/03/25 00:28
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.04	0.10	0.02	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.07	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.06	0.10	0.02	J
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.04	0.10	0.03	J
85-01-8	Phenanthrene	0.18	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.04	0.10	0.04	J
91-57-6	2-Methylnaphthalene	0.03	0.10	0.03	J
87-86-5	Pentachlorophenol	0.25	0.80	0.06	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 47831-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/03/25 00:45
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.05	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.05	0.10	0.02	J
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.06	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.03	0.10	0.03	J
85-01-8	Phenanthrene	0.12	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.07	0.10	0.04	J
91-57-6	2-Methylnaphthalene	0.06	0.10	0.03	J
87-86-5	Pentachlorophenol	0.24	0.80	0.06	J
118-74-1	Hexachlorobenzene	0.03	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097764-1
 Client ID : WG2097764-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 097764-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/02/25 21:21
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.05	0.10	0.02	J
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-01	Date Collected	: 07/30/25 10:21
Client ID	: MW-104	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 02:01
Sample Matrix	: WATER	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1108072515	Analyst	: DB
Sample Amount	: 260 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	171.	288	32.6	J



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-02	Date Collected	: 07/30/25 14:40
Client ID	: MW-103	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 02:22
Sample Matrix	: WATER	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1108072516	Analyst	: DB
Sample Amount	: 275 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	173.	273	30.8	J



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-03	Date Collected	: 07/30/25 00:00
Client ID	: DUP-03	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 02:44
Sample Matrix	: WATER	Date Extracted	: 08/05/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F1108072517	Analyst	: DB
Sample Amount	: 265 ml	Instrument ID	: BNA11
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	93.1	283	32.0	J



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2099273-1
 Client ID : WG2099273-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : F1108072503
 Sample Amount : 250 ml
 Extraction Method : EPA 3510C
 Extract Volume : 2500 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/07/25 21:48
 Date Extracted : 08/05/25
 Dilution Factor : 1
 Analyst : DB
 Instrument ID : BNA11
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	246.	300	33.9	J

Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-01	Date Collected	: 07/30/25 10:21
Client ID	: MW-104	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/03/25 00:18
Sample Matrix	: WATER	Date Extracted	: 08/01/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250802a-42	Analyst	: DLP
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-02	Date Collected	: 07/30/25 14:40
Client ID	: MW-103	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/03/25 00:37
Sample Matrix	: WATER	Date Extracted	: 08/01/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250802a-43	Analyst	: DLP
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies	Lab Number : L2547831
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547831-03	Date Collected : 07/30/25 00:00
Client ID : DUP-03	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/03/25 00:56
Sample Matrix : WATER	Date Extracted : 08/01/25
Analytical Method : 1,8151A	Dilution Factor : 1
Lab File ID : 15250802a-44	Analyst : DLP
Sample Amount : 1000 ml	Instrument ID : PEST15
Extraction Method : EPA 8151A	GC Column : STX-CLP1
Extract Volume : 10000 uL	%Solids : N/A
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : N	

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097978-1
 Client ID : WG2097978-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 15250802a-34
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/02/25 21:44
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : DLP
 Instrument ID : PEST15
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2250803a-37
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/03/25 16:15
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2250803a-38
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/03/25 16:24
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2250803a-39
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/03/25 16:34
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098331-1
 Client ID : WG2098331-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2250803a-28
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/03/25 14:50
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U



Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2025\250612I\
 Data File : P2250612i-19.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jun 2025 11:17 pm
 Operator : pest2:AD
 Sample : cicv4268,42e,,pp 12074 L250ICVRVT
 Misc : WG2078999,
 ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 12:22:31 2025
 Quant Method : I:\PCB\Pest2\2025\250612I\P2_PCB_06_12_25_iRVT_ICAL.m
 Quant Title : pcb
 QLast Update : Sat Jun 14 12:20:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase:
 Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
23 i	4268_1br2nb	1.000	1.000	0.0	92	0.00
24 l6	1242-1	0.019	0.020	-5.3	99	0.00
25 l6	1242-2	0.043	0.044	-2.3	94	0.00
26 l6	1242-3	0.085	0.089	-4.7	96	0.00
27 l6	1242-4	0.035	0.036	-2.9	95	0.00
28 l6	1242-5	0.025	0.026	-4.0	97	0.00
29 l9	1268-1	0.184	0.189	-2.7	95	0.00
30 l9	1268-2	0.193	0.176	8.8	84	0.00
31 l9	1268-3	0.134	0.144	-7.5	99	0.00
32 l9	1268-4	0.054	0.062	-14.8	105	0.00
33 l9	1268-5	0.369	0.445	-20.6#	111	0.00

Signal #2

23 i	4268_1br2nb	1.000	1.000	0.0	100	0.00
24 l6	1242-1	0.019	0.019	0.0	96	0.00
25 l6	1242-2	0.043	0.042	2.3	99	0.00
26 l6	1242-3	0.086	0.087	-1.2	102	0.00
27 l6	1242-4	0.033	0.034	-3.0	101	0.00
28 l6	1242-5	0.028	0.026	7.1	92	0.00
29 l9	1268-1	0.184	0.164	10.9	89	0.00
30 l9	1268-2	0.184	0.148	19.6	80	0.00
31 l9	1268-3	0.129	0.121	6.2	93	0.00
32 l9	1268-4	0.053	0.053	0.0	100	0.00
33 l9	1268-5	0.344	0.353	-2.6	102	0.00

Evaluate Continuing Calibration Report - Not Found

1 i 1660_1br2nb ^ 1.000 1.000 0.0 0 -1.17#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2025\250612I\
 Data File : P2250612i-23.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jun 2025 11:55 pm
 Operator : pest2:AD
 Sample : cicv1660,42e,,pp 12070 L250ICVRVT
 Misc : WG2078999, (Sig #1); (Sig #2)
 ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 12:29:56 2025
 Quant Method : I:\PCB\Pest2\2025\250612I\P2_PCB_06_12_25_iRVT_ICAL.m
 Quant Title : pcb
 QLast Update : Sat Jun 14 12:20:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase:
 Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(Min)
1 i	1660_1br2nb ^	1.000	1.000	0.0	100	0.00
2 s	2,4,5,6-Tetrachloro-m-xyl	1.469	1.181	19.6	81	0.00
3 s	Decachlorobiphenyl	1.234	0.948	23.2#	81	0.00
4 l1	1016-1	0.026	0.025	3.8	100	0.00
5 l1	1016-2	0.059	0.055	6.8	98	0.00
6 l1	1016-3	0.115	0.111	3.5	97	0.00
7 l1	1016-4	0.048	0.045	6.3	98	0.00
8 l1	1016-5	0.053	0.047	11.3	96	0.00
9 l2	1260-1	0.071	0.068	4.2	102	0.00
10 l2	1260-2	0.113	0.103	8.8	98	0.00
11 l2	1260-3	0.057	0.065	-14.0	117	0.00
12 l2	1260-4	0.120	0.142	-18.3	118	0.00
13 l2	1260-5	0.091	0.101	-11.0	111	0.00

Signal #2

1 i	1660_1br2nb ^	1.000	1.000	0.0	100	0.00
2 s	2,4,5,6-Tetrachloro-m-xyl	1.465	1.192	18.6	80	-0.04
3 s	Decachlorobiphenyl	1.062	0.765	28.0#	81	0.00
4 l1	1016-1	0.024	0.023	4.2	103	0.00
5 l1	1016-2	0.058	0.052	10.3	97	0.00
6 l1	1016-3	0.119	0.108	9.2	97	0.00
7 l1	1016-4	0.048	0.041	14.6	97	0.00
8 l1	1016-5	0.036	0.034	5.6	101	0.00
9 l2	1260-1	0.058	0.059	-1.7	97	0.00
10 l2	1260-2	0.081	0.076	6.2	107	0.00
11 l2	1260-3	0.065	0.062	4.6	116	0.00
12 l2	1260-4	0.116	0.130	-12.1	115	0.00
13 l2	1260-5	0.089	0.090	-1.1	111	0.00

Calibration Verification Summary

Form 7

PCBs

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : PEST2
 Lab File ID : P2250803a-06
 Sample No : WG2098413-1
 Channel : A

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/03/25 09:57
 Init. Calib. Date(s) : 06/12/25 06/12/25
 Init. Calib. Times : 20:56 23:08

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb	1	1	-	0	20	96	0
2,4,5,6-Tetrachloro-m-xylene	1.469	1.337	-	9	20	88	0
Decachlorobiphenyl	1.234	1.034	-	16.2	20	85	0
1016-1	0.026	0.029	-	-11.5	20	112	0
1016-2	0.059	0.062	-	-5.1	20	106	0
1016-3	0.115	0.131	-	-13.9	20	110	0
1016-4	0.048	0.052	-	-8.3	20	110	0
1016-5	0.053	0.055	-	-3.8	20	108	0
1260-1	0.071	0.077	-	-8.5	20	111	0
1260-2	0.113	0.117	-	-3.5	20	107	0
1260-3	0.057	0.07	-	-22.8*	20	121	0
1260-4	0.12	0.156	-	-30*	20	125	0
1260-5	0.091	0.109	-	-19.8	20	115	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

PCBs

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : PEST2
 Lab File ID : P2250803a-06
 Sample No : WG2098413-1
 Channel : B

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/03/25 09:57
 Init. Calib. Date(s) : 06/12/25 06/12/25
 Init. Calib. Times : 20:56 23:08

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb #2	1	1	-	0	20	88	0
2,4,5,6-Tetrachloro-m-xylen	1.465	1.298	-	11.4	20	77	0
Decachlorobiphenyl #2	1.062	0.719	-	32.3*	20	68	0
1016-1 #2	0.024	0.025	-	-4.2	20	97	0
1016-2 #2	0.058	0.056	-	3.4	20	92	0
1016-3 #2	0.119	0.115	-	3.4	20	91	0
1016-4 #2	0.048	0.044	-	8.3	20	92	0
1016-5 #2	0.036	0.034	-	5.6	20	91	0
1260-1 #2	0.058	0.061	-	-5.2	20	89	0
1260-2 #2	0.081	0.076	-	6.2	20	94	0
1260-3 #2	0.065	0.063	-	3.1	20	103	0
1260-4 #2	0.116	0.129	-	-11.2	20	102	0
1260-5 #2	0.089	0.088	-	1.1	20	96	0

* Value outside of QC limits.



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies Project Name : OLD ERIE COMMONS Lab ID : L2547831-01 Client ID : MW-104 Sample Location : 160 CENTER STREET, CANASTOTA, NY Sample Matrix : WATER Analytical Method : 1,8081B Lab File ID : 10250806a-42 Sample Amount : 100 ml Extraction Method : EPA 3510C Extract Volume : 1000 uL GPC Cleanup : N Sulfur Cleanup : N	Lab Number : L2547831 Project Number : W96.013.001 Date Collected : 07/30/25 10:21 Date Received : 07/30/25 Date Analyzed : 08/06/25 14:27 Date Extracted : 08/01/25 Dilution Factor : 1 Analyst : EMR Instrument ID : PEST10 GC Column : CLPPesticides %Solids : N/A Injection Volume : 1 uL
--	--

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-01	Date Collected	: 07/30/25 10:21
Client ID	: MW-104	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 14:27
Sample Matrix	: WATER	Date Extracted	: 08/01/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250806a-42	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 10250806a-43
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 14:38
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST10
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	0.031	0.029	0.014	IP
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary
Form 1
Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-02	Date Collected	: 07/30/25 14:40
Client ID	: MW-103	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 14:38
Sample Matrix	: WATER	Date Extracted	: 08/01/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10250806a-43	Analyst	: EMR
Sample Amount	: 100 ml	Instrument ID	: PEST10
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 10250806a-44
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 14:50
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST10
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies	Lab Number : L2547831
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547831-03	Date Collected : 07/30/25 00:00
Client ID : DUP-03	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/06/25 14:50
Sample Matrix : WATER	Date Extracted : 08/01/25
Analytical Method : 1,8081B	Dilution Factor : 1
Lab File ID : 10250806a-44	Analyst : EMR
Sample Amount : 100 ml	Instrument ID : PEST10
Extraction Method : EPA 3510C	GC Column : CLPPesticides
Extract Volume : 1000 uL	%Solids : N/A
GPC Cleanup : N	Injection Volume : 1 uL
Sulfur Cleanup : N	

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
53494-70-5	Endrin ketone	ND	0.029	0.014	UIP



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097989-1
 Client ID : WG2097989-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 10250804a-14
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/04/25 08:08
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST10
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097989-1
 Client ID : WG2097989-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 10250804a-14
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/04/25 08:08
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST10
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Identification Summary
Form 10
Pesticides

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab Sample ID : L2547831-02
Client ID : MW-103
Date Analyzed (1) : 08/06/25 14:38
Instrument ID (1) : PEST10
GC Column (1) : CLPPesticides

Lab Number : L2547831
Project Number : W96.013.001
Date Analyzed (2) : 08/06/25 14:38
Instrument ID (2) : PEST10
GC Column (2) : CLPPesticides

Analyte	Col	RT	RT Window		Concentration	RPD
			From	To		
Endrin Ketone	1	5.28	5.23	5.33	0.0306	
	2	5.82	5.77	5.87	0.0589	63

Surrogate Recovery Summary

Form 2

Semivolatiles

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2547831
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-104 (L2547831-01)	94	86	95	243*	98	100	89
MW-103 (L2547831-02)	88	80	85	234*	86	83	85
DUP-03 (L2547831-03)	89	81	85	230*	92	86	87
WG2098351-1BLANK	96	86	95	71	99	88	90
WG2098351-2LCS	96	86	93	68	96	84	88
WG2098351-3LCS	95	90	93	75	94	91	89

QC LIMITS

(5-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
 (40-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
 (40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
 (40-200) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2547831
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-104 (L2547831-01)	99	255*	83	99	80	139	99
MW-103 (L2547831-02)	97	279*	91	85	85	146	113
DUP-03 (L2547831-03)	90	214*	64	84	81	140	88
WG2098351-1BLANK	89	75	96	88	91	69	75
WG2098351-2LCS	92	72	90	92	90	77	76
WG2098351-3LCS	95	79	88	89	91	79	76

QC LIMITS

(40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
 (40-200) 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)
 (40-300) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
 (40-170) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2547831
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
MW-104 (L2547831-01)	61	87	60	40	50	95	57
MW-103 (L2547831-02)	60	84	81	41	47	84	47
DUP-03 (L2547831-03)	54	78	50	38	43	90	51
WG2098351-1BLANK	67	90	55	71	94	96	56
WG2098351-2LCS	72	95	57	72	108	98	57
WG2098351-3LCS	63	88	52	69	103	93	58

QC LIMITS

(30-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
 (40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
 (25-135) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
 (10-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
 (10-130) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2547831
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S22 ()	S23 ()	S24 ()	S25 ()	S26 ()	S27 ()	S28 ()	TOT OUT
MW-104 (L2547831-01)	49	52	46	--	--	--	--	2
MW-103 (L2547831-02)	40	47	39	--	--	--	--	2
DUP-03 (L2547831-03)	42	48	40	--	--	--	--	2
WG2098351-1BLANK	57	68	63	--	--	--	--	0
WG2098351-2LCS	58	72	68	--	--	--	--	0
WG2098351-3LCS	58	70	65	--	--	--	--	0

QC LIMITS

(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSE)
(10-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
(10-130) 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_44
 Sample Amount : 568.65 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:41
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	4.14	5.63	0.464	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.04	2.81	0.316	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.22	1.41	0.352	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.63	0.802	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.914	1.41	0.218	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.41	0.183	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.528	1.41	0.211	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.900	1.41	0.120	J
335-67-1	Perfluorooctanoic Acid (PFOA)	2.14	1.41	0.232	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.63	4.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.41	0.176	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.422	1.41	0.232	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.66	1.41	0.232	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.41	0.183	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.63	1.08	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.41	0.176	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.41	0.422	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.41	0.155	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_44
 Sample Amount : 568.65 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:41
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.41	0.120	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.41	0.084	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.41	0.422	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.41	0.190	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.41	0.162	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.41	0.141	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.63	1.41	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.63	0.331	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.41	0.211	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.63	0.387	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.63	0.394	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.41	0.197	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.41	0.310	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.1	1.15	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-01
 Client ID : MW-104
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_44
 Sample Amount : 568.65 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:21
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:41
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.1	0.971	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.81	0.218	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.81	0.316	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.81	0.288	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.81	0.478	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.03	0.471	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.2	3.74	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.2	2.80	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_45
 Sample Amount : 573.06 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:50
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	4.93	5.58	0.461	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.26	2.79	0.314	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.879	1.40	0.349	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.58	0.796	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.84	1.40	0.216	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.40	0.181	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.16	1.40	0.209	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.00	1.40	0.119	
335-67-1	Perfluorooctanoic Acid (PFOA)	1.87	1.40	0.230	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.58	4.20	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.40	0.174	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.461	1.40	0.230	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.858	1.40	0.230	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.40	0.181	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.58	1.07	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.40	0.174	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.40	0.419	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.40	0.154	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_45
 Sample Amount : 573.06 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:50
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.40	0.119	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.40	0.084	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.40	0.419	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.40	0.188	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.40	0.160	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.40	0.140	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.58	1.40	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.58	0.328	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.40	0.209	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.58	0.384	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.58	0.391	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.40	0.195	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.40	0.307	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.0	1.14	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-02
 Client ID : MW-103
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_45
 Sample Amount : 573.06 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 14:40
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:50
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.0	0.963	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.79	0.216	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.79	0.314	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.79	0.286	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.79	0.475	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	6.98	0.468	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	34.9	3.71	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	34.9	2.78	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_46
 Sample Amount : 562.08 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:59
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	4.41	5.69	0.470	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.754	2.85	0.320	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.946	1.42	0.356	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.69	0.811	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.996	1.42	0.221	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.42	0.185	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.498	1.42	0.213	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.13	1.42	0.121	J
335-67-1	Perfluorooctanoic Acid (PFOA)	1.85	1.42	0.235	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.69	4.28	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.42	0.178	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.349	1.42	0.235	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.97	1.42	0.235	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.42	0.185	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.69	1.09	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.42	0.178	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.42	0.427	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.42	0.156	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_46
 Sample Amount : 562.08 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:59
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.42	0.121	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.42	0.085	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.42	0.427	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.42	0.192	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.42	0.164	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.42	0.142	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.69	1.42	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.69	0.334	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.42	0.213	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.69	0.391	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.69	0.398	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.42	0.199	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.42	0.313	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.2	1.16	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547831-03
 Client ID : DUP-03
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_46
 Sample Amount : 562.08 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : 07/30/25 00:00
 Date Received : 07/30/25
 Date Analyzed : 08/06/25 12:59
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.2	0.982	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.85	0.221	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.85	0.320	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.85	0.292	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.85	0.484	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.12	0.477	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.6	3.78	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.6	2.83	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098351-1
 Client ID : WG2098351-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_35
 Sample Amount : 500 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 11:21
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	6.40	0.528	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	3.20	0.360	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.60	0.400	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.40	0.912	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.60	0.248	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.60	0.208	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.60	0.240	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.60	0.136	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.60	0.264	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.40	4.82	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.60	0.200	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.60	0.264	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.60	0.264	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.60	0.208	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.40	1.22	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.60	0.200	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.60	0.480	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.60	0.176	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098351-1
 Client ID : WG2098351-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_35
 Sample Amount : 500 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 11:21
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.60	0.136	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.60	0.096	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.60	0.480	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.60	0.216	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.60	0.184	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.60	0.160	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.40	1.60	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.40	0.376	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.60	0.240	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.40	0.440	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.40	0.448	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.60	0.224	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.60	0.352	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	16.0	1.30	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098351-1
 Client ID : WG2098351-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 144,1633
 Lab File ID : SCI12_250806_35
 Sample Amount : 500 g
 Extraction Method : EPA 1633
 Extract Volume : 4000 uL
 GPC Cleanup : N

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/06/25 11:21
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS12
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	16.0	1.10	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.20	0.248	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.20	0.360	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.20	0.328	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.20	0.544	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	8.00	0.536	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	40.0	4.26	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	40.0	3.18	U



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : LCMS12
 Lab File ID : SCI12_250806_06
 Sample No : WG2099511-1
 Channel :

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/06/25 06:51
 Init. Calib. Date(s) : 07/01/25 07/01/25
 Init. Calib. Times : 11:01 12:13

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.902	0.800	112.7	70-130
Perfluoropentanoic Acid (PFPeA)	0.440	0.400	110.1	70-130
Perfluorobutanesulfonic Acid (PFBS)	0.198	0.177	111.6	70-130
Perfluorohexanoic Acid (PFHxA)	0.211	0.200	105.4	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.807	0.750	107.7	70-130
Perfluoropentanesulfonic Acid (PFPeS)	0.180	0.188	95.8	70-130
Perfluoroheptanoic Acid (PFHpA)	0.185	0.200	92.4	70-130
Perfluorohexanesulfonic Acid (PFHxS)	0.196	0.183	107.3	70-130
Perfluorooctanoic Acid (PFOA)	0.212	0.200	106.3	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.781	0.760	102.7	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	0.209	0.191	109.4	70-130
Perfluorononanoic Acid (PFNA)	0.199	0.200	99.5	70-130
Perfluorooctanesulfonic Acid (PFOS)	0.226	0.186	121.4	70-130
Perfluorodecanoic Acid (PFDA)	0.228	0.200	113.9	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.901	0.768	117.3	70-130
Perfluorononanesulfonic Acid (PFNS)	0.202	0.192	105.2	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.177	0.200	88.7	70-130
Perfluoroundecanoic Acid (PFUnA)	0.231	0.200	115.7	70-130
Perfluorodecanesulfonic Acid (PFDS)	0.195	0.193	101.3	70-130
Perfluorooctanesulfonamide (PFOSA)	0.182	0.200	90.8	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.222	0.200	111.1	70-130
Perfluorododecanoic Acid (PFDoA)	0.201	0.200	100.4	70-130
Perfluorotridecanoic Acid (PFTTrDA)	0.299	0.200	149.4*	70-130
Perfluorotetradecanoic Acid (PFTeDA)	0.255	0.200	127.5	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	0.938	0.800	117.3	70-130
4,8-Dioxo-3h-Perfluorononanoic Acid (ADONA)	0.852	0.756	112.7	70-130
Perfluorododecanesulfonic Acid (PFDoS)	0.174	0.194	89.6	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.850	0.748	113.6	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.940	0.756	124.4	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	0.212	0.200	105.8	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.220	0.200	109.9	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	2.225	2.000	111.2	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	2.175	2.000	108.8	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	0.398	0.400	99.6	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	0.481	0.400	120.3	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	0.408	0.356	114.6	70-130
Nonafluoro-3,6-Dioxahexanoic Acid (NFDHA)	0.376	0.400	94	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	1.195	1.000	119.5	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	5.491	5.000	109.8	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	5.578	5.000	111.6	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	9.743	10.000	97.4	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	4.621	5.000	92.4	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.206	2.330	94.7	70-130

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : LCMS12
 Lab File ID : SCI12_250806_33
 Sample No : WG2099511-7
 Channel :

Lab Number : L2547831
 Project Number : W96.013.001
 Calibration Date : 08/06/25 11:00
 Init. Calib. Date(s) : 07/01/25 07/01/25
 Init. Calib. Times : 11:01 12:13

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	19.550	20.000	97.8	70-130
Perfluoropentanoic Acid (PFPeA)	9.145	10.000	91.5	70-130
Perfluorobutanesulfonic Acid (PFBS)	4.201	4.435	94.7	70-130
Perfluorohexanoic Acid (PFHxA)	4.341	5.000	86.8	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	18.073	18.750	96.4	70-130
Perfluoropentanesulfonic Acid (PFPeS)	4.423	4.705	94	70-130
Perfluoroheptanoic Acid (PFHpA)	4.503	5.000	90.1	70-130
Perfluorohexanesulfonic Acid (PFHxS)	4.390	4.570	96.1	70-130
Perfluorooctanoic Acid (PFOA)	4.502	5.000	90	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	17.353	19.000	91.3	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	4.257	4.765	89.3	70-130
Perfluorononanoic Acid (PFNA)	4.617	5.000	92.3	70-130
Perfluorooctanesulfonic Acid (PFOS)	3.754	4.640	80.9	70-130
Perfluorodecanoic Acid (PFDA)	5.026	5.000	100.5	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	18.423	19.200	96	70-130
Perfluorononanesulfonic Acid (PFNS)	3.744	4.810	77.8	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	4.352	5.000	87	70-130
Perfluoroundecanoic Acid (PFUnA)	4.300	5.000	86	70-130
Perfluorodecanesulfonic Acid (PFDS)	3.835	4.825	79.5	70-130
Perfluorooctanesulfonamide (PFOSA)	4.069	5.000	81.4	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	4.643	5.000	92.9	70-130
Perfluorododecanoic Acid (PFDoA)	4.765	5.000	95.3	70-130
Perfluorotridecanoic Acid (PFTTrDA)	6.870	5.000	137.4*	70-130
Perfluorotetradecanoic Acid (PFTeDA)	4.135	5.000	82.7	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	19.124	20.000	95.6	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	18.541	18.900	98.1	70-130
Perfluorododecanesulfonic Acid (PFDoS)	3.633	4.850	74.9	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	15.312	18.700	81.9	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	17.434	18.900	92.3	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	4.368	5.000	87.4	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4.361	5.000	87.2	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	49.167	50.000	98.3	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	47.108	50.000	94.2	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	9.731	10.000	97.3	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	10.527	10.000	105.3	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	9.079	8.900	102	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	8.212	10.000	82.1	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	25.066	25.000	100.3	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	108.863	125.000	87.1	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	126.511	125.000	101.2	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.048	10.000	100.5	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.083	5.000	101.7	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.325	2.330	99.8	70-130

* Value outside of QC limits.



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-01	Date Collected	: 07/30/25 10:21
Client ID	: MW-104	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/15/25 14:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: SMV
Lab File ID	: WG2103318.pdf	Instrument ID	: ICPMSQ3
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0143	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00059	0.00050	0.00016	
7440-39-3	Barium, Total	0.04567	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	85.4	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	1.96	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	35.3	0.0700	0.0242	
7439-96-5	Manganese, Total	0.07702	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	15.4	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	32.4	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-02	Date Collected	: 07/30/25 14:40
Client ID	: MW-103	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/15/25 14:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: SMV
Lab File ID	: WG2103318.pdf	Instrument ID	: ICPMSQ3
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0403	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00139	0.00050	0.00016	
7440-39-3	Barium, Total	0.1065	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	119.	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	0.00023	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00047	0.00100	0.00038	J
7439-89-6	Iron, Total	2.31	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	63.9	0.0700	0.0242	
7439-96-5	Manganese, Total	0.1177	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00067	0.00200	0.00055	J
7440-09-7	Potassium, Total	35.0	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	22.2	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-03	Date Collected	: 07/30/25 00:00
Client ID	: DUP-03	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/15/25 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: SMV
Lab File ID	: WG2103318.pdf	Instrument ID	: ICPMSQ3
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.00967	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00049	0.00050	0.00016	J
7440-39-3	Barium, Total	0.04225	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	86.3	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	2.00	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	36.0	0.0700	0.0242	
7439-96-5	Manganese, Total	0.07587	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	15.2	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	33.0	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2099833-1
Client ID : WG2099833-1BLANK
Sample Location :
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2103318.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2547831
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/15/25 14:09
Dilution Factor : 1
Analyst : SMV
Instrument ID : ICPMSQ3
%Solids : N/A
Date Digested : 08/06/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00018	0.00050	0.00017	J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.500	0.0293	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 4a

Interference Check Sample

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Instrument ID : ICPMSQ3

Lab Number : L2547831
Project Number : W96.013.001
Concentration Units : ug/l

Analyte	True		Initial Found				Final Found			
	Lab ID :		R1999861-3							
	Analysis Date :		08/15/25 07:37							
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	100000		112000	112						
Antimony			1.17							
Arsenic			0.289							
Barium			0.817							
Beryllium			0.116							
Cadmium			0.275							
Calcium	300000		303000	101						
Chromium			1.22							
Cobalt			2.86							
Copper			0.618							
Iron	250000		267000	107						
Lead			1.18							
Magnesium	100000		96800	97						
Manganese			3.57							
Nickel			2.18							
Potassium	100000		122000	122						
Selenium			0.267							
Silver			0.0283							
Sodium	250000		242000	97						
Thallium			0.102							
Vanadium			0.0852							
Zinc			1.08							

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-01	Date Collected	: 07/30/25 10:21
Client ID	: MW-104	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 14:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG2100102.pdf	Instrument ID	: NIC3
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-02	Date Collected	: 07/30/25 14:40
Client ID	: MW-103	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 14:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG2100102.pdf	Instrument ID	: NIC3
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-03	Date Collected	: 07/30/25 00:00
Client ID	: DUP-03	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 14:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG2100102.pdf	Instrument ID	: NIC3
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 08/06/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2099834-1
Client ID : WG2099834-1BLANK
Sample Location :
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2100102.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2547831
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/07/25 13:43
Dilution Factor : 1
Analyst : JWN
Instrument ID : NIC3
%Solids : N/A
Date Digested : 08/06/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-01	Date Collected	: 07/30/25 10:21
Client ID	: MW-104	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 15:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081225-D	Instrument ID	: LACHAT6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 08/12/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-02	Date Collected	: 07/30/25 14:40
Client ID	: MW-103	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 15:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081225-D	Instrument ID	: LACHAT6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 08/12/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2547831
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547831-03	Date Collected	: 07/30/25 00:00
Client ID	: DUP-03	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 15:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081225-D	Instrument ID	: LACHAT6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 08/12/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U



Form 1

WETCHEM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101951-1
 Client ID : WG2101951-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN081225-D
 Sample Amount :
 Digestion Method :

Lab Number : L2547831
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 14:50
 Dilution Factor : 1
 Analyst : JER
 Instrument ID : LACHAT6
 %Solids : N/A
 Date Digested : 08/12/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	0.001	0.005	0.001	J



Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2548247
October 23, 2025
Revised SDG: December 18, 2025
Sampling date: 7/31/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2548247

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package (revised December 18, 2025) for C&S Environmental, project located at 160 Center St., Canastota, NY, Pace, SDG#L2548247 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines (SOP NO. HW-31, revision 6). The laboratory performed the analysis using Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

DUSR ID	Sample ID	Laboratory ID
1	SV-101	L2548247-01
2	SV-102	L2548247-02
3	SV-103	L2548247-03
4	SV-104	L2548247-04
6	SV-106	L2548247-06
7	OA-101	L2548247-07

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD/Duplicate
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check
- Canister Certification Blanks

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Results were recorded to the reporting limits.

Samples: DUSR ID#1-4 and #6 were diluted due to high target analyte concentrations.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD/Duplicate was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

The RRF values of some of the target analytes should be 10 times the recorded values in the summary. This is due to a software issue. The results have been confirmed, so no further action is required.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

CANISTER CERTIFICATION BLANKS

All criteria were met.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2548247
Report Date: 08/14/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2548247
Report Date: 08/14/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on July 23, 2025. The canister certification data is provided as an addendum.

SV-105 (L2548247-05): the sample was impacted by groundwater and could not be analyzed.

L2548247-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2548247-02D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2548247-02D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2548247-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2548247-04D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2548247-04D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2548247
Report Date: 08/14/25

Case Narrative (continued)

L2548247-06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature: 

Report Date: 08/14/25

Title: Technical Director/Representative

Results Summary Form 1 Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-01D
 Client ID : SV-101
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235254
 Sample Amount : 75.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:12
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 22:23
 Dilution Factor : 3.333
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--	U
74-87-3	Chloromethane	ND	0.667	--	ND	1.38	--	U
76-14-2	Freon-114	ND	0.667	--	ND	4.66	--	U
75-01-4	Vinyl chloride	ND	0.667	--	ND	1.71	--	U
106-99-0	1,3-Butadiene	ND	0.667	--	ND	1.48	--	U
74-83-9	Bromomethane	ND	0.667	--	ND	2.59	--	U
75-00-3	Chloroethane	ND	0.667	--	ND	1.76	--	U
64-17-5	Ethanol	20.6	16.7	--	38.8	31.5	--	
593-60-2	Vinyl bromide	ND	0.667	--	ND	2.92	--	U
67-64-1	Acetone	63.3	3.33	--	150	7.91	--	
75-69-4	Trichlorofluoromethane	2.75	0.667	--	15.5	3.75	--	
67-63-0	Isopropanol	ND	3.33	--	ND	8.19	--	U
75-35-4	1,1-Dichloroethene	ND	0.667	--	ND	2.64	--	U
75-65-0	Tertiary butyl Alcohol	1.84	1.67	--	5.58	5.06	--	
75-09-2	Methylene chloride	ND	1.67	--	ND	5.80	--	U
107-05-1	3-Chloropropene	ND	0.667	--	ND	2.09	--	U
75-15-0	Carbon disulfide	1.13	0.667	--	3.52	2.08	--	
76-13-1	Freon-113	ND	0.667	--	ND	5.11	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--	U
75-34-3	1,1-Dichloroethane	ND	0.667	--	ND	2.70	--	U
1634-04-4	Methyl tert butyl ether	ND	0.667	--	ND	2.40	--	U
78-93-3	2-Butanone	286	1.67	--	843	4.93	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--	U
141-78-6	Ethyl Acetate	ND	1.67	--	ND	6.02	--	U
67-66-3	Chloroform	1.37	0.667	--	6.69	3.26	--	
109-99-9	Tetrahydrofuran	ND	1.67	--	ND	4.93	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-01D
 Client ID : SV-101
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235254
 Sample Amount : 75.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:12
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 22:23
 Dilution Factor : 3.333
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.667	--	ND	2.70	--	U
110-54-3	n-Hexane	ND	0.667	--	ND	2.35	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--	U
71-43-2	Benzene	ND	0.667	--	ND	2.13	--	U
56-23-5	Carbon tetrachloride	ND	0.667	--	ND	4.20	--	U
110-82-7	Cyclohexane	ND	0.667	--	ND	2.30	--	U
78-87-5	1,2-Dichloropropane	ND	0.667	--	ND	3.08	--	U
75-27-4	Bromodichloromethane	ND	0.667	--	ND	4.47	--	U
123-91-1	1,4-Dioxane	ND	0.667	--	ND	2.40	--	U
79-01-6	Trichloroethene	ND	0.667	--	ND	3.58	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.667	--	ND	3.12	--	U
142-82-5	Heptane	ND	0.667	--	ND	2.73	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.67	--	ND	6.84	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--	U
108-88-3	Toluene	7.84	0.667	--	29.5	2.51	--	
591-78-6	2-Hexanone	49.1	0.667	--	201	2.73	--	
124-48-1	Dibromochloromethane	ND	0.667	--	ND	5.68	--	U
106-93-4	1,2-Dibromoethane	ND	0.667	--	ND	5.13	--	U
127-18-4	Tetrachloroethene	ND	0.667	--	ND	4.52	--	U
108-90-7	Chlorobenzene	ND	0.667	--	ND	3.07	--	U
100-41-4	Ethylbenzene	3.76	0.667	--	16.3	2.90	--	
179601-23-1	p/m-Xylene	16.2	1.33	--	70.4	5.78	--	
75-25-2	Bromoform	ND	0.667	--	ND	6.90	--	U
100-42-5	Styrene	ND	0.667	--	ND	2.84	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-01D
 Client ID : SV-101
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235254
 Sample Amount : 75.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:12
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 22:23
 Dilution Factor : 3.333
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--	U
95-47-6	o-Xylene	5.93	0.667	--	25.8	2.90	--	
622-96-8	4-Ethyltoluene	1.39	0.667	--	6.83	3.28	--	
108-67-8	1,3,5-Trimethylbenzene	1.43	0.667	--	7.03	3.28	--	
95-63-6	1,2,4-Trimethylbenzene	5.36	0.667	--	26.4	3.28	--	
100-44-7	Benzyl chloride	ND	0.667	--	ND	3.45	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--	U
91-20-3	Naphthalene	ND	0.633	--	ND	3.32	--	U
87-68-3	Hexachlorobutadiene	ND	0.667	--	ND	7.11	--	U



Results Summary Form 1 Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-02D
 Client ID : SV-102
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235255
 Sample Amount : 50.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:17
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 22:58
 Dilution Factor : 5
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--	U
74-87-3	Chloromethane	ND	1.00	--	ND	2.07	--	U
76-14-2	Freon-114	ND	1.00	--	ND	6.99	--	U
75-01-4	Vinyl chloride	ND	1.00	--	ND	2.56	--	U
106-99-0	1,3-Butadiene	ND	1.00	--	ND	2.21	--	U
74-83-9	Bromomethane	ND	1.00	--	ND	3.88	--	U
75-00-3	Chloroethane	ND	1.00	--	ND	2.64	--	U
64-17-5	Ethanol	27.6	25.0	--	52.0	47.1	--	
593-60-2	Vinyl bromide	ND	1.00	--	ND	4.37	--	U
67-64-1	Acetone	210	5.00	--	499	11.9	--	
75-69-4	Trichlorofluoromethane	ND	1.00	--	ND	5.62	--	U
67-63-0	Isopropanol	ND	5.00	--	ND	12.3	--	U
75-35-4	1,1-Dichloroethene	ND	1.00	--	ND	3.96	--	U
75-65-0	Tertiary butyl Alcohol	4.89	2.50	--	14.8	7.58	--	
75-09-2	Methylene chloride	ND	2.50	--	ND	8.69	--	U
107-05-1	3-Chloropropene	ND	1.00	--	ND	3.13	--	U
75-15-0	Carbon disulfide	1.30	1.00	--	4.05	3.11	--	
76-13-1	Freon-113	ND	1.00	--	ND	7.66	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--	U
75-34-3	1,1-Dichloroethane	ND	1.00	--	ND	4.05	--	U
1634-04-4	Methyl tert butyl ether	ND	1.00	--	ND	3.61	--	U
78-93-3	2-Butanone	655	2.50	--	1930	7.37	--	E
156-59-2	cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--	U
141-78-6	Ethyl Acetate	ND	2.50	--	ND	9.01	--	U
67-66-3	Chloroform	ND	1.00	--	ND	4.88	--	U
109-99-9	Tetrahydrofuran	ND	2.50	--	ND	7.37	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-02D
 Client ID : SV-102
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235255
 Sample Amount : 50.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:17
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 22:58
 Dilution Factor : 5
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	1.00	--	ND	4.05	--	U
110-54-3	n-Hexane	1.12	1.00	--	3.95	3.52	--	
71-55-6	1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--	U
71-43-2	Benzene	ND	1.00	--	ND	3.19	--	U
56-23-5	Carbon tetrachloride	ND	1.00	--	ND	6.29	--	U
110-82-7	Cyclohexane	ND	1.00	--	ND	3.44	--	U
78-87-5	1,2-Dichloropropane	ND	1.00	--	ND	4.62	--	U
75-27-4	Bromodichloromethane	ND	1.00	--	ND	6.70	--	U
123-91-1	1,4-Dioxane	ND	1.00	--	ND	3.60	--	U
79-01-6	Trichloroethene	ND	1.00	--	ND	5.37	--	U
540-84-1	2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--	U
142-82-5	Heptane	1.09	1.00	--	4.47	4.10	--	
10061-01-5	cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--	U
108-10-1	4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--	U
79-00-5	1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--	U
108-88-3	Toluene	9.68	1.00	--	36.5	3.77	--	
591-78-6	2-Hexanone	81.7	1.00	--	335	4.10	--	
124-48-1	Dibromochloromethane	ND	1.00	--	ND	8.52	--	U
106-93-4	1,2-Dibromoethane	ND	1.00	--	ND	7.69	--	U
127-18-4	Tetrachloroethene	ND	1.00	--	ND	6.78	--	U
108-90-7	Chlorobenzene	ND	1.00	--	ND	4.61	--	U
100-41-4	Ethylbenzene	4.10	1.00	--	17.8	4.34	--	
179601-23-1	p/m-Xylene	17.6	2.00	--	76.4	8.69	--	
75-25-2	Bromoform	ND	1.00	--	ND	10.3	--	U
100-42-5	Styrene	ND	1.00	--	ND	4.26	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-02D
 Client ID : SV-102
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235255
 Sample Amount : 50.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:17
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 22:58
 Dilution Factor : 5
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--	U
95-47-6	o-Xylene	6.74	1.00	--	29.3	4.34	--	
622-96-8	4-Ethyltoluene	ND	1.00	--	ND	4.92	--	U
108-67-8	1,3,5-Trimethylbenzene	1.43	1.00	--	7.03	4.92	--	
95-63-6	1,2,4-Trimethylbenzene	5.10	1.00	--	25.1	4.92	--	
100-44-7	Benzyl chloride	ND	1.00	--	ND	5.18	--	U
541-73-1	1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--	U
106-46-7	1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--	U
95-50-1	1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--	U
91-20-3	Naphthalene	ND	0.950	--	ND	4.98	--	U
87-68-3	Hexachlorobutadiene	ND	1.00	--	ND	10.7	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-02D2
 Client ID : SV-102
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235272
 Sample Amount : 25.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:17
 Date Received : 07/31/25
 Date Analyzed : 08/13/25 09:29
 Dilution Factor : 10
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
78-93-3	2-Butanone	653	5.00	--	1930	14.7	--	



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-03D
 Client ID : SV-103
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235256
 Sample Amount : 50.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:14
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 23:33
 Dilution Factor : 5
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--	U
74-87-3	Chloromethane	ND	1.00	--	ND	2.07	--	U
76-14-2	Freon-114	ND	1.00	--	ND	6.99	--	U
75-01-4	Vinyl chloride	ND	1.00	--	ND	2.56	--	U
106-99-0	1,3-Butadiene	ND	1.00	--	ND	2.21	--	U
74-83-9	Bromomethane	ND	1.00	--	ND	3.88	--	U
75-00-3	Chloroethane	ND	1.00	--	ND	2.64	--	U
64-17-5	Ethanol	ND	25.0	--	ND	47.1	--	U
593-60-2	Vinyl bromide	ND	1.00	--	ND	4.37	--	U
67-64-1	Acetone	151	5.00	--	359	11.9	--	
75-69-4	Trichlorofluoromethane	ND	1.00	--	ND	5.62	--	U
67-63-0	Isopropanol	ND	5.00	--	ND	12.3	--	U
75-35-4	1,1-Dichloroethene	ND	1.00	--	ND	3.96	--	U
75-65-0	Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--	U
75-09-2	Methylene chloride	ND	2.50	--	ND	8.69	--	U
107-05-1	3-Chloropropene	ND	1.00	--	ND	3.13	--	U
75-15-0	Carbon disulfide	3.94	1.00	--	12.3	3.11	--	
76-13-1	Freon-113	ND	1.00	--	ND	7.66	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--	U
75-34-3	1,1-Dichloroethane	ND	1.00	--	ND	4.05	--	U
1634-04-4	Methyl tert butyl ether	ND	1.00	--	ND	3.61	--	U
78-93-3	2-Butanone	501	2.50	--	1480	7.37	--	
156-59-2	cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--	U
141-78-6	Ethyl Acetate	ND	2.50	--	ND	9.01	--	U
67-66-3	Chloroform	ND	1.00	--	ND	4.88	--	U
109-99-9	Tetrahydrofuran	ND	2.50	--	ND	7.37	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-03D
 Client ID : SV-103
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235256
 Sample Amount : 50.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:14
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 23:33
 Dilution Factor : 5
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	1.00	--	ND	4.05	--	U
110-54-3	n-Hexane	2.30	1.00	--	8.11	3.52	--	
71-55-6	1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--	U
71-43-2	Benzene	2.72	1.00	--	8.69	3.19	--	
56-23-5	Carbon tetrachloride	ND	1.00	--	ND	6.29	--	U
110-82-7	Cyclohexane	2.18	1.00	--	7.50	3.44	--	
78-87-5	1,2-Dichloropropane	ND	1.00	--	ND	4.62	--	U
75-27-4	Bromodichloromethane	ND	1.00	--	ND	6.70	--	U
123-91-1	1,4-Dioxane	ND	1.00	--	ND	3.60	--	U
79-01-6	Trichloroethene	ND	1.00	--	ND	5.37	--	U
540-84-1	2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--	U
142-82-5	Heptane	1.53	1.00	--	6.27	4.10	--	
10061-01-5	cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--	U
108-10-1	4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--	U
79-00-5	1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--	U
108-88-3	Toluene	9.72	1.00	--	36.6	3.77	--	
591-78-6	2-Hexanone	59.9	1.00	--	245	4.10	--	
124-48-1	Dibromochloromethane	ND	1.00	--	ND	8.52	--	U
106-93-4	1,2-Dibromoethane	ND	1.00	--	ND	7.69	--	U
127-18-4	Tetrachloroethene	2.16	1.00	--	14.6	6.78	--	
108-90-7	Chlorobenzene	ND	1.00	--	ND	4.61	--	U
100-41-4	Ethylbenzene	4.34	1.00	--	18.9	4.34	--	
179601-23-1	p/m-Xylene	17.6	2.00	--	76.4	8.69	--	
75-25-2	Bromoform	ND	1.00	--	ND	10.3	--	U
100-42-5	Styrene	ND	1.00	--	ND	4.26	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-03D
 Client ID : SV-103
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235256
 Sample Amount : 50.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:14
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 23:33
 Dilution Factor : 5
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--	U
95-47-6	o-Xylene	7.30	1.00	--	31.7	4.34	--	
622-96-8	4-Ethyltoluene	ND	1.00	--	ND	4.92	--	U
108-67-8	1,3,5-Trimethylbenzene	1.67	1.00	--	8.21	4.92	--	
95-63-6	1,2,4-Trimethylbenzene	6.26	1.00	--	30.8	4.92	--	
100-44-7	Benzyl chloride	ND	1.00	--	ND	5.18	--	U
541-73-1	1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--	U
106-46-7	1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--	U
95-50-1	1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--	U
91-20-3	Naphthalene	ND	0.950	--	ND	4.98	--	U
87-68-3	Hexachlorobutadiene	ND	1.00	--	ND	10.7	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-04D
 Client ID : SV-104
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235257
 Sample Amount : 75.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/13/25 00:09
 Dilution Factor : 3.333
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--	U
74-87-3	Chloromethane	ND	0.667	--	ND	1.38	--	U
76-14-2	Freon-114	ND	0.667	--	ND	4.66	--	U
75-01-4	Vinyl chloride	ND	0.667	--	ND	1.71	--	U
106-99-0	1,3-Butadiene	ND	0.667	--	ND	1.48	--	U
74-83-9	Bromomethane	ND	0.667	--	ND	2.59	--	U
75-00-3	Chloroethane	ND	0.667	--	ND	1.76	--	U
64-17-5	Ethanol	924	16.7	--	1740	31.5	--	
593-60-2	Vinyl bromide	ND	0.667	--	ND	2.92	--	U
67-64-1	Acetone	133	3.33	--	316	7.91	--	
75-69-4	Trichlorofluoromethane	ND	0.667	--	ND	3.75	--	U
67-63-0	Isopropanol	ND	3.33	--	ND	8.19	--	U
75-35-4	1,1-Dichloroethene	ND	0.667	--	ND	2.64	--	U
75-65-0	Tertiary butyl Alcohol	2.74	1.67	--	8.31	5.06	--	
75-09-2	Methylene chloride	ND	1.67	--	ND	5.80	--	U
107-05-1	3-Chloropropene	ND	0.667	--	ND	2.09	--	U
75-15-0	Carbon disulfide	6.63	0.667	--	20.6	2.08	--	
76-13-1	Freon-113	ND	0.667	--	ND	5.11	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--	U
75-34-3	1,1-Dichloroethane	ND	0.667	--	ND	2.70	--	U
1634-04-4	Methyl tert butyl ether	ND	0.667	--	ND	2.40	--	U
78-93-3	2-Butanone	462	1.67	--	1360	4.93	--	E
156-59-2	cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--	U
141-78-6	Ethyl Acetate	ND	1.67	--	ND	6.02	--	U
67-66-3	Chloroform	1.05	0.667	--	5.13	3.26	--	
109-99-9	Tetrahydrofuran	ND	1.67	--	ND	4.93	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-04D
 Client ID : SV-104
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235257
 Sample Amount : 75.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/13/25 00:09
 Dilution Factor : 3.333
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.667	--	ND	2.70	--	U
110-54-3	n-Hexane	1.74	0.667	--	6.13	2.35	--	
71-55-6	1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--	U
71-43-2	Benzene	ND	0.667	--	ND	2.13	--	U
56-23-5	Carbon tetrachloride	ND	0.667	--	ND	4.20	--	U
110-82-7	Cyclohexane	0.706	0.667	--	2.43	2.30	--	
78-87-5	1,2-Dichloropropane	ND	0.667	--	ND	3.08	--	U
75-27-4	Bromodichloromethane	ND	0.667	--	ND	4.47	--	U
123-91-1	1,4-Dioxane	ND	0.667	--	ND	2.40	--	U
79-01-6	Trichloroethene	ND	0.667	--	ND	3.58	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.667	--	ND	3.12	--	U
142-82-5	Heptane	1.06	0.667	--	4.34	2.73	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.67	--	ND	6.84	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--	U
108-88-3	Toluene	7.16	0.667	--	27.0	2.51	--	
591-78-6	2-Hexanone	63.8	0.667	--	261	2.73	--	
124-48-1	Dibromochloromethane	ND	0.667	--	ND	5.68	--	U
106-93-4	1,2-Dibromoethane	ND	0.667	--	ND	5.13	--	U
127-18-4	Tetrachloroethene	ND	0.667	--	ND	4.52	--	U
108-90-7	Chlorobenzene	ND	0.667	--	ND	3.07	--	U
100-41-4	Ethylbenzene	3.57	0.667	--	15.5	2.90	--	
179601-23-1	p/m-Xylene	15.4	1.33	--	66.9	5.78	--	
75-25-2	Bromoform	ND	0.667	--	ND	6.90	--	U
100-42-5	Styrene	ND	0.667	--	ND	2.84	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-04D
 Client ID : SV-104
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235257
 Sample Amount : 75.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/13/25 00:09
 Dilution Factor : 3.333
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--	U
95-47-6	o-Xylene	6.25	0.667	--	27.1	2.90	--	
622-96-8	4-Ethyltoluene	0.710	0.667	--	3.49	3.28	--	
108-67-8	1,3,5-Trimethylbenzene	1.49	0.667	--	7.33	3.28	--	
95-63-6	1,2,4-Trimethylbenzene	5.56	0.667	--	27.3	3.28	--	
100-44-7	Benzyl chloride	ND	0.667	--	ND	3.45	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--	U
91-20-3	Naphthalene	ND	0.633	--	ND	3.32	--	U
87-68-3	Hexachlorobutadiene	ND	0.667	--	ND	7.11	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-04D2
 Client ID : SV-104
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235273
 Sample Amount : 25.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/13/25 10:05
 Dilution Factor : 10
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
78-93-3	2-Butanone	450	5.00	--	1330	14.7	--	



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-06D
 Client ID : SV-106
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235296
 Sample Amount : 25.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:40
 Date Received : 07/31/25
 Date Analyzed : 08/14/25 05:19
 Dilution Factor : 10
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--	U
74-87-3	Chloromethane	ND	2.00	--	ND	4.13	--	U
76-14-2	Freon-114	ND	2.00	--	ND	14.0	--	U
75-01-4	Vinyl chloride	ND	2.00	--	ND	5.11	--	U
106-99-0	1,3-Butadiene	ND	2.00	--	ND	4.42	--	U
74-83-9	Bromomethane	ND	2.00	--	ND	7.77	--	U
75-00-3	Chloroethane	ND	2.00	--	ND	5.28	--	U
64-17-5	Ethanol	ND	50.0	--	ND	94.2	--	U
593-60-2	Vinyl bromide	ND	2.00	--	ND	8.74	--	U
67-64-1	Acetone	302	10.0	--	717	23.8	--	
75-69-4	Trichlorofluoromethane	ND	2.00	--	ND	11.2	--	U
67-63-0	Isopropanol	ND	10.0	--	ND	24.6	--	U
75-35-4	1,1-Dichloroethene	ND	2.00	--	ND	7.93	--	U
75-65-0	Tertiary butyl Alcohol	6.93	5.00	--	21.0	15.2	--	
75-09-2	Methylene chloride	ND	5.00	--	ND	17.4	--	U
107-05-1	3-Chloropropene	ND	2.00	--	ND	6.26	--	U
75-15-0	Carbon disulfide	2.09	2.00	--	6.51	6.23	--	
76-13-1	Freon-113	ND	2.00	--	ND	15.3	--	U
156-60-5	trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--	U
75-34-3	1,1-Dichloroethane	ND	2.00	--	ND	8.09	--	U
1634-04-4	Methyl tert butyl ether	ND	2.00	--	ND	7.21	--	U
78-93-3	2-Butanone	904	5.00	--	2670	14.7	--	
156-59-2	cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--	U
141-78-6	Ethyl Acetate	ND	5.00	--	ND	18.0	--	U
67-66-3	Chloroform	2.27	2.00	--	11.1	9.77	--	
109-99-9	Tetrahydrofuran	ND	5.00	--	ND	14.7	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-06D
 Client ID : SV-106
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235296
 Sample Amount : 25.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:40
 Date Received : 07/31/25
 Date Analyzed : 08/14/25 05:19
 Dilution Factor : 10
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	2.00	--	ND	8.09	--	U
110-54-3	n-Hexane	2.40	2.00	--	8.46	7.05	--	
71-55-6	1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--	U
71-43-2	Benzene	ND	2.00	--	ND	6.39	--	U
56-23-5	Carbon tetrachloride	ND	2.00	--	ND	12.6	--	U
110-82-7	Cyclohexane	ND	2.00	--	ND	6.88	--	U
78-87-5	1,2-Dichloropropane	ND	2.00	--	ND	9.24	--	U
75-27-4	Bromodichloromethane	ND	2.00	--	ND	13.4	--	U
123-91-1	1,4-Dioxane	ND	2.00	--	ND	7.21	--	U
79-01-6	Trichloroethene	ND	2.00	--	ND	10.7	--	U
540-84-1	2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--	U
142-82-5	Heptane	ND	2.00	--	ND	8.20	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--	U
108-10-1	4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--	U
79-00-5	1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--	U
108-88-3	Toluene	11.0	2.00	--	41.5	7.54	--	
591-78-6	2-Hexanone	94.4	2.00	--	387	8.20	--	
124-48-1	Dibromochloromethane	ND	2.00	--	ND	17.0	--	U
106-93-4	1,2-Dibromoethane	ND	2.00	--	ND	15.4	--	U
127-18-4	Tetrachloroethene	ND	2.00	--	ND	13.6	--	U
108-90-7	Chlorobenzene	ND	2.00	--	ND	9.21	--	U
100-41-4	Ethylbenzene	5.63	2.00	--	24.5	8.69	--	
179601-23-1	p/m-Xylene	22.8	4.00	--	99.0	17.4	--	
75-25-2	Bromoform	ND	2.00	--	ND	20.7	--	U
100-42-5	Styrene	ND	2.00	--	ND	8.52	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-06D
 Client ID : SV-106
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235296
 Sample Amount : 25.0 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:40
 Date Received : 07/31/25
 Date Analyzed : 08/14/25 05:19
 Dilution Factor : 10
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--	U
95-47-6	o-Xylene	9.63	2.00	--	41.8	8.69	--	
622-96-8	4-Ethyltoluene	ND	2.00	--	ND	9.83	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--	U
95-63-6	1,2,4-Trimethylbenzene	6.87	2.00	--	33.8	9.83	--	
100-44-7	Benzyl chloride	ND	2.00	--	ND	10.4	--	U
541-73-1	1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--	U
106-46-7	1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--	U
95-50-1	1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--	U
91-20-3	Naphthalene	ND	1.90	--	ND	9.96	--	U
87-68-3	Hexachlorobutadiene	ND	2.00	--	ND	21.3	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-07
 Client ID : OA-101
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R235283
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:20
 Date Received : 07/31/25
 Date Analyzed : 08/13/25 20:47
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.429	0.200	--	2.12	0.989	--	
74-87-3	Chloromethane	0.659	0.200	--	1.36	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	6.84	1.00	--	16.2	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	15.8	1.00	--	38.8	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	0.573	0.500	--	1.69	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-07
 Client ID : OA-101
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R235283
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:20
 Date Received : 07/31/25
 Date Analyzed : 08/13/25 20:47
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.20	0.200	--	4.23	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.238	0.200	--	0.760	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548247-07
 Client ID : OA-101
 Sample Location : 160 CENTER ST. CANASTOTA
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R235283
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:20
 Date Received : 07/31/25
 Date Analyzed : 08/13/25 20:47
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102179-4
 Client ID : WG2102179-4BLANK
 Sample Location :
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235249
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 19:12
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102179-4
 Client ID : WG2102179-4BLANK
 Sample Location :
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235249
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 19:12
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102179-4
 Client ID : WG2102179-4BLANK
 Sample Location :
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R235249
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 19:12
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102701-4
 Client ID : WG2102701-4BLANK
 Sample Location :
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R235280
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 18:48
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102701-4
 Client ID : WG2102701-4BLANK
 Sample Location :
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R235280
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 18:48
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102701-4
 Client ID : WG2102701-4BLANK
 Sample Location :
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R235280
 Sample Amount : 250 ml

Lab Number : L2548247
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 18:48
 Dilution Factor : 1
 Analyst : RAY
 Instrument ID : AIRLAB23
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U



Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2547832
October 21, 2025
Sampling date: 7/30/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2547832

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for C&S Engineers, project located at 160 Center St., Canastota, NY, SDG#L2547832 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E), Inorganics/Mercury (6010D, 7471B) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	SS-111	L2547832-01
2	SS-112	L2547832-02
3	SS-105	L2547832-03

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

Old Erie Commons

SDG# L2547832

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
WG2103003	2-Hexanone	68	67	UJ	1-3

The %Rec of some target analyte was outside QC limits in the laboratory control sample or the laboratory control sample duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met,

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
WG2100994	Carbazole	49	47	J	1-3

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2101178-3	Bis(2-chloroisopropyl)ether	-26.5	UJ/J	WG2100994
WG2101178-3	4,6-Dinitro-2-methylphenol	-34.7	UJ/J	WG2100994
WG2101178-3	2-Nitrophenol	-34.5	UJ/J	WG2100994
WG2101478-3	2-Nitrophenol	-25.7	UJ	1-3
WG2101478-3	Butylbenzylphthalate	-27.8	UJ	1-3
WG2101478-3	Bis(2-ethylhexyl)phthalate	-30	UJ	1-3
WG2101478-3	4,6-Dinitro-2-methylphenol	-33.5	UJ/J	1-3
WG2101478-3	Hexachlorobutadiene	21.8	UJ	1-3

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

Old Erie Commons

SDG# L2547832

GC/MS PERFORMANCE CHECK

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

Samples: DUSR ID#1-3 were diluted in analysis 6010D.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except a target analyte was detected in a blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration	Qualifier	Associated Sample
WG2101434	Fe	1.22mg/kg	JH	1-3

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD/Duplicate was acquired.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except a target analyte was outside QC limits in the interference check and should be qualified in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%Rec	Qualifier	Associated Sample
R1998183-24	Na	116	JH	2

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide
- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

CYANIDE

All criteria were met except Cn was outside QC limits in the laboratory control sample but was

Old Erie Commons

SDG# L2547832

within limits in the laboratory control samples duplicate, so no further action is required.

%SOLIDS

All criteria were met.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547832
Report Date: 08/14/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547832
Report Date: 08/14/25

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.

Total Metals

L2547832-01, -02 and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG2100359-2 LCS recovery associated with L2547832-01 and -02 is outside our in-house acceptance criteria for cyanide, total (75%), but within the vendor-certified acceptance limits. The results of the original analysis are reported.

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

Authorized Signature:  Report Date: 08/14/25
Title: Technical Director/Representative

Laboratory Control Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2103003-3 Analysis Date : 08/13/25 06:37 File ID : V11250813A01
 LCSD Sample ID : WG2103003-4 Analysis Date : 08/13/25 07:03 File ID : V11250813A02

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	43	107	40	42	105	2	70-130	30
1,2-Dichlorobenzene	40	41	102	40	41	102	0	70-130	30
1,3-Dichlorobenzene	40	42	105	40	42	105	0	70-130	30
1,4-Dichlorobenzene	40	41	102	40	40	101	1	70-130	30
Methyl tert butyl ether	40	35	88	40	35	88	0	66-130	30
p/m-Xylene	80	85	106	80	84	104	2	70-130	30
o-Xylene	80	82	103	80	81	101	2	70-130	30
cis-1,2-Dichloroethene	40	39	98	40	39	98	0	70-130	30
Styrene	80	80	100	80	79	98	2	70-130	30
Dichlorodifluoromethane	40	44	109	40	42	105	4	30-146	30
Acetone	40	40	100	40	39	97	3	54-140	30
Carbon disulfide	40	35	86	40	34	84	2	59-130	30
2-Butanone	40	31	78	40	25	64	Q 20	70-130	30
4-Methyl-2-pentanone	40	29	73	40	28	70	4	70-130	30
2-Hexanone	40	27	68 Q	40	27	67 Q	1	70-130	30
1,2-Dibromoethane	40	34	84	40	34	84	0	70-130	30
n-Butylbenzene	40	42	105	40	41	102	3	70-130	30
sec-Butylbenzene	40	42	105	40	41	103	2	70-130	30
tert-Butylbenzene	40	44	109	40	43	108	1	70-130	30
1,2-Dibromo-3-chloropropane	40	35	87	40	36	90	3	68-130	30
Isopropylbenzene	40	42	106	40	42	104	2	70-130	30
p-Isopropyltoluene	40	45	112	40	44	110	2	70-130	30
Naphthalene	40	36	90	40	37	91	1	70-130	30
n-Propylbenzene	40	40	101	40	40	100	1	70-130	30
1,2,4-Trichlorobenzene	40	42	106	40	43	108	2	70-130	30
1,3,5-Trimethylbenzene	40	41	103	40	41	102	1	70-130	30



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-01
 Client ID : SS-111
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250813A10
 Sample Amount : 4.7 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:40
 Date Received : 07/30/25
 Date Analyzed : 08/13/25 10:31
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 94
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	ND	0.57	0.22	U
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.6	0.79	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	ND	0.57	0.19	U
108-88-3	Toluene	ND	1.1	0.62	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.66	U
75-01-4	Vinyl chloride	ND	1.1	0.38	U
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-01
 Client ID : SS-111
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250813A10
 Sample Amount : 4.7 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:40
 Date Received : 07/30/25
 Date Analyzed : 08/13/25 10:31
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 94
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	ND	0.57	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U
179601-23-1	p/m-Xylene	ND	2.3	0.64	U
95-47-6	o-Xylene	ND	1.1	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.20	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.5	U
75-15-0	Carbon disulfide	ND	11	5.2	U
78-93-3	2-Butanone	ND	11	2.5	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.5	U
591-78-6	2-Hexanone	ND	11	1.3	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U
104-51-8	n-Butylbenzene	ND	1.1	0.19	U
135-98-8	sec-Butylbenzene	ND	1.1	0.17	U
98-06-6	tert-Butylbenzene	ND	2.3	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.6	0.74	U
103-65-1	n-Propylbenzene	ND	1.1	0.20	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-01	Date Collected	: 07/30/25 09:40
Client ID	: SS-111	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/13/25 10:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11250813A10	Instrument ID	: VOA111
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.38	U
79-20-9	Methyl Acetate	ND	4.6	1.1	U
110-82-7	Cyclohexane	ND	11	0.62	U
76-13-1	Freon-113	ND	4.6	0.79	U
108-87-2	Methyl cyclohexane	ND	4.6	0.69	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-02
 Client ID : SS-112
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250813A11
 Sample Amount : 3.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:50
 Date Received : 07/30/25
 Date Analyzed : 08/13/25 10:56
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	7.7	3.5	U
75-34-3	1,1-Dichloroethane	ND	1.5	0.22	U
67-66-3	Chloroform	ND	2.3	0.21	U
56-23-5	Carbon tetrachloride	ND	1.5	0.35	U
78-87-5	1,2-Dichloropropane	ND	1.5	0.19	U
124-48-1	Dibromochloromethane	ND	1.5	0.21	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.41	U
127-18-4	Tetrachloroethene	ND	0.77	0.30	U
108-90-7	Chlorobenzene	ND	0.77	0.19	U
75-69-4	Trichlorofluoromethane	ND	6.1	1.1	U
107-06-2	1,2-Dichloroethane	ND	1.5	0.39	U
71-55-6	1,1,1-Trichloroethane	ND	0.77	0.26	U
75-27-4	Bromodichloromethane	ND	0.77	0.17	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.42	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.77	0.24	U
75-25-2	Bromoform	ND	6.1	0.38	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.77	0.25	U
71-43-2	Benzene	ND	0.77	0.25	U
108-88-3	Toluene	ND	1.5	0.83	U
100-41-4	Ethylbenzene	ND	1.5	0.22	U
74-87-3	Chloromethane	ND	6.1	1.4	U
74-83-9	Bromomethane	ND	3.1	0.89	U
75-01-4	Vinyl chloride	ND	1.5	0.51	U
75-00-3	Chloroethane	ND	3.1	0.69	U
75-35-4	1,1-Dichloroethene	ND	1.5	0.36	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-02
 Client ID : SS-112
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250813A11
 Sample Amount : 3.6 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:50
 Date Received : 07/30/25
 Date Analyzed : 08/13/25 10:56
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 90
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	0.21	U
79-01-6	Trichloroethene	ND	0.77	0.21	U
95-50-1	1,2-Dichlorobenzene	ND	3.1	0.22	U
541-73-1	1,3-Dichlorobenzene	ND	3.1	0.23	U
106-46-7	1,4-Dichlorobenzene	ND	3.1	0.26	U
1634-04-4	Methyl tert butyl ether	ND	3.1	0.31	U
179601-23-1	p/m-Xylene	ND	3.1	0.86	U
95-47-6	o-Xylene	ND	1.5	0.45	U
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.27	U
100-42-5	Styrene	ND	1.5	0.30	U
75-71-8	Dichlorodifluoromethane	ND	15	1.4	U
67-64-1	Acetone	ND	15	7.4	U
75-15-0	Carbon disulfide	ND	15	7.0	U
78-93-3	2-Butanone	ND	15	3.4	U
108-10-1	4-Methyl-2-pentanone	ND	15	2.0	U
591-78-6	2-Hexanone	ND	15	1.8	U
106-93-4	1,2-Dibromoethane	ND	1.5	0.43	U
104-51-8	n-Butylbenzene	ND	1.5	0.26	U
135-98-8	sec-Butylbenzene	ND	1.5	0.22	U
98-06-6	tert-Butylbenzene	ND	3.1	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.6	1.5	U
98-82-8	Isopropylbenzene	ND	1.5	0.17	U
99-87-6	p-Isopropyltoluene	ND	1.5	0.17	U
91-20-3	Naphthalene	ND	6.1	1.0	U
103-65-1	n-Propylbenzene	ND	1.5	0.26	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547832
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547832-02	Date Collected : 07/30/25 09:50
Client ID : SS-112	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/13/25 10:56
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250813A11	Instrument ID : VOA111
Sample Amount : 3.6 g	GC Column : RTX-VMS
Level : LOW	%Solids : 90
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	3.1	0.42	U
108-67-8	1,3,5-Trimethylbenzene	ND	3.1	0.30	U
95-63-6	1,2,4-Trimethylbenzene	ND	3.1	0.51	U
79-20-9	Methyl Acetate	ND	6.1	1.4	U
110-82-7	Cyclohexane	ND	15	0.83	U
76-13-1	Freon-113	ND	6.1	1.1	U
108-87-2	Methyl cyclohexane	ND	6.1	0.92	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies	Lab Number : L2547832
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547832-03	Date Collected : 07/30/25 10:00
Client ID : SS-105	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/13/25 11:21
Sample Matrix : SOIL	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : JIC
Lab File ID : V11250813A12	Instrument ID : VOA111
Sample Amount : 5.2 g	GC Column : RTX-VMS
Level : LOW	%Solids : 95
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	0.15	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	0.28	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	0.55	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.94	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	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-03
 Client ID : SS-105
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250813A12
 Sample Amount : 5.2 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:00
 Date Received : 07/30/25
 Date Analyzed : 08/13/25 11:21
 Dilution Factor : 1
 Analyst : JIC
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : 95
 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	11	10	4.8	
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	6.5	10	2.2	J
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.66	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-03	Date Collected	: 07/30/25 10:00
Client ID	: SS-105	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/13/25 11:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V11250813A12	Instrument ID	: VOA111
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U
79-20-9	Methyl Acetate	ND	4.0	0.96	U
110-82-7	Cyclohexane	ND	10	0.55	U
76-13-1	Freon-113	ND	4.0	0.70	U
108-87-2	Methyl cyclohexane	ND	4.0	0.61	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2103003-5
 Client ID : WG2103003-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250813A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 08:21
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2103003-5
 Client ID : WG2103003-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250813A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 08:21
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 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
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	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
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U



Results Summary

Form 1

Volatile Organics by EPA 5035

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2103003-5
 Client ID : WG2103003-5BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8260D
 Lab File ID : V11250813A05
 Sample Amount : 5.0 g
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/13/25 08:21
 Dilution Factor : 1
 Analyst : MNF
 Instrument ID : VOA111
 GC Column : RTX-VMS
 %Solids : NA
 Injection Volume : N/A

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : SOIL (LOW)
 LCS Sample ID : WG2100994-2 Analysis Date : 08/10/25 11:18 File ID : 100994-2
 LCSD Sample ID : WG2100994-3 Analysis Date : 08/10/25 11:39 File ID : 100994-3

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	740	56	1300	680	52	7	30-130	50
2-Nitrophenol	1300	930	70	1300	880	66	6	30-130	50
4-Nitrophenol	1300	850	64	1300	810	61	5	11-114	50
2,4-Dinitrophenol	1300	780	59	1300	740	56	5	4-130	50
4,6-Dinitro-o-cresol	1300	890	67	1300	860	65	3	10-130	50
Pentachlorophenol	1300	700	52	1300	670	51	2	17-109	50
Phenol	1300	680	52	1300	650	49	6	26-90	50
2-Methylphenol	1300	740	56	1300	700	53	6	30-130	50
3-Methylphenol/4-Methylphenol	1300	810	61	1300	740	56	9	30-130	50
2,4,5-Trichlorophenol	1300	800	60	1300	760	58	3	30-130	50
Carbazole	1300	650	49 Q	1300	620	47 Q	4	54-128	50
Atrazine	1300	910	69	1300	870	66	4	40-140	50
Benzaldehyde	1300	700	53	1300	650	49	8	40-140	50
Caprolactam	1300	930	70	1300	840	64	9	15-130	50
2,3,4,6-Tetrachlorophenol	1300	740	56	1300	720	55	2	40-140	50
1,4-Dioxane	1300	580	43	1300	520	40	7	40-140	50



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-01
 Client ID : SS-111
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-01
 Sample Amount : 30.83 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:40
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 15:40
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 94
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	300	140	18.	
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	2500	100	20.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	280	170	21.	
98-95-3	Nitrobenzene	ND	160	26.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-01
 Client ID : SS-111
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-01
 Sample Amount : 30.83 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:40
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 15:40
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 94
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	1300	100	19.	
50-32-8	Benzo(a)pyrene	1200	140	42.	
205-99-2	Benzo(b)fluoranthene	1500	100	29.	
207-08-9	Benzo(k)fluoranthene	490	100	28.	
218-01-9	Chrysene	1200	100	18.	
208-96-8	Acenaphthylene	240	140	27.	
120-12-7	Anthracene	720	100	34.	
191-24-2	Benzo(ghi)perylene	690	140	20.	
86-73-7	Fluorene	350	170	17.	
85-01-8	Phenanthrene	2300	100	21.	
53-70-3	Dibenzo(a,h)anthracene	180	100	20.	
193-39-5	Indeno(1,2,3-cd)pyrene	680	140	24.	
129-00-0	Pyrene	1900	100	17.	
92-52-4	Biphenyl	29	390	22.	J
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	71.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-01
 Client ID : SS-111
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-01
 Sample Amount : 30.83 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:40
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 15:40
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 94
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	200	170	16.	
91-57-6	2-Methylnaphthalene	100	210	21.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	830	80.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	32	250	27.	J
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U
86-74-8	Carbazole	300	170	17.	
1912-24-9	Atrazine	ND	140	60.	U
100-52-7	Benzaldehyde	ND	230	46.	U
105-60-2	Caprolactam	ND	170	52.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547832
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547832-01	Date Collected : 07/30/25 09:40
Client ID : SS-111	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/11/25 15:40
Sample Matrix : SOIL	Date Extracted : 08/09/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47832-01	Analyst : SMZ
Sample Amount : 30.83 g	Instrument ID : MORK
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 94
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	35.	U
123-91-1	1,4-Dioxane	ND	26	7.9	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-02
 Client ID : SS-112
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-02
 Sample Amount : 30.18 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:50
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 16:04
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	170	150	19.	
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	2300	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	210	180	22.	
98-95-3	Nitrobenzene	ND	170	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	75	180	64.	J
85-68-7	Butyl benzyl phthalate	ND	180	47.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-02
 Client ID : SS-112
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-02
 Sample Amount : 30.18 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:50
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 16:04
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	1300	110	21.	
50-32-8	Benzo(a)pyrene	1100	150	45.	
205-99-2	Benzo(b)fluoranthene	1600	110	31.	
207-08-9	Benzo(k)fluoranthene	440	110	30.	
218-01-9	Chrysene	1200	110	19.	
208-96-8	Acenaphthylene	230	150	28.	
120-12-7	Anthracene	550	110	36.	
191-24-2	Benzo(ghi)perylene	770	150	22.	
86-73-7	Fluorene	200	180	18.	
85-01-8	Phenanthrene	1700	110	22.	
53-70-3	Dibenzo(a,h)anthracene	210	110	21.	
193-39-5	Indeno(1,2,3-cd)pyrene	760	150	26.	
129-00-0	Pyrene	1900	110	18.	
92-52-4	Biphenyl	26	420	24.	J
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	77.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-02
 Client ID : SS-112
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-02
 Sample Amount : 30.18 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 09:50
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 16:04
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 90
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	140	180	18.	J
91-57-6	2-Methylnaphthalene	120	220	22.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	28.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	890	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	89.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	200	180	18.	
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	85	240	50.	J
105-60-2	Caprolactam	ND	180	56.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2547832
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2547832-02	Date Collected : 07/30/25 09:50
Client ID : SS-112	Date Received : 07/30/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/11/25 16:04
Sample Matrix : SOIL	Date Extracted : 08/09/25
Analytical Method : 1,8270E	Dilution Factor : 1
Lab File ID : 47832-02	Analyst : SMZ
Sample Amount : 30.18 g	Instrument ID : MORK
Extraction Method : EPA 3546	GC Column : RTX5-MS
Extract Volume : 1000 uL	%Solids : 90
GPC Cleanup : N	Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37.	U
123-91-1	1,4-Dioxane	ND	28	8.5	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-03
 Client ID : SS-105
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-03
 Sample Amount : 30.76 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:00
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 16:27
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	90	140	18.	J
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	45.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	29.	U
206-44-0	Fluoranthene	3400	100	20.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	150	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	890	170	21.	
98-95-3	Nitrobenzene	ND	150	25.	U
86-30-6	NDPA/DPA	ND	140	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	59.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-03
 Client ID : SS-105
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-03
 Sample Amount : 30.76 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:00
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 16:27
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	170	32.	U
117-84-0	Di-n-octylphthalate	ND	170	58.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	3200	100	19.	
50-32-8	Benzo(a)pyrene	3100	140	42.	
205-99-2	Benzo(b)fluoranthene	4000	100	29.	
207-08-9	Benzo(k)fluoranthene	1400	100	27.	
218-01-9	Chrysene	2800	100	18.	
208-96-8	Acenaphthylene	1600	140	26.	
120-12-7	Anthracene	1200	100	33.	
191-24-2	Benzo(ghi)perylene	2000	140	20.	
86-73-7	Fluorene	200	170	16.	
85-01-8	Phenanthrene	1200	100	21.	
53-70-3	Dibenzo(a,h)anthracene	520	100	20.	
193-39-5	Indeno(1,2,3-cd)pyrene	2000	140	24.	
129-00-0	Pyrene	3100	100	17.	
92-52-4	Biphenyl	52	390	22.	J
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	70.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2547832-03
 Client ID : SS-105
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 47832-03
 Sample Amount : 30.76 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:00
 Date Received : 07/30/25
 Date Analyzed : 08/11/25 16:27
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : MORK
 GC Column : RTX5-MS
 %Solids : 95
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	160	170	16.	J
91-57-6	2-Methylnaphthalene	290	200	20.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	32.	U
59-50-7	p-Chloro-m-cresol	ND	170	25.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	170	56.	U
88-75-5	2-Nitrophenol	ND	370	64.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	820	79.	U
534-52-1	4,6-Dinitro-o-cresol	ND	440	82.	U
87-86-5	Pentachlorophenol	ND	140	37.	U
108-95-2	Phenol	59	170	26.	J
95-48-7	2-Methylphenol	ND	170	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	110	240	27.	J
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U
86-74-8	Carbazole	140	170	16.	J
1912-24-9	Atrazine	ND	140	60.	U
100-52-7	Benzaldehyde	48	220	46.	J
105-60-2	Caprolactam	ND	170	52.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-03	Date Collected	: 07/30/25 10:00
Client ID	: SS-105	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 16:27
Sample Matrix	: SOIL	Date Extracted	: 08/09/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 47832-03	Analyst	: SMZ
Sample Amount	: 30.76 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 95
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	34.	U
123-91-1	1,4-Dioxane	ND	26	7.8	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100994-1
 Client ID : WG2100994-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 100994-1
 Sample Amount : 30.18 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/10/25 10:57
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	99	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	99	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100994-1
 Client ID : WG2100994-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 100994-1
 Sample Amount : 30.18 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/10/25 10:57
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	99	19.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	99	28.	U
207-08-9	Benzo(k)fluoranthene	ND	99	26.	U
218-01-9	Chrysene	ND	99	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	99	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	99	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	99	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	99	16.	U
92-52-4	Biphenyl	ND	380	22.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100994-1
 Client ID : WG2100994-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 100994-1
 Sample Amount : 30.18 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/10/25 10:57
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	99	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	160	55.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	68.	U
51-28-5	2,4-Dinitrophenol	ND	800	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	80.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	45.	U
105-60-2	Caprolactam	ND	160	50.	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100994-1
 Client ID : WG2100994-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,8270E
 Lab File ID : 100994-1
 Sample Amount : 30.18 g
 Extraction Method : EPA 3546
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/10/25 10:57
 Date Extracted : 08/09/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV103
 GC Column : RTX5-MS
 %Solids : NA
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/Kg			Qualifier
		Results	RL	MDL	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	25	7.6	U



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV103
 Lab File ID : ABN0810
 Sample No : WG2101178-3
 Channel :

Lab Number : L2547832
 Project Number : W96.013.001
 Calibration Date : 08/10/25 09:55
 Init. Calib. Date(s) : 06/03/25 06/04/25
 Init. Calib. Times : 20:16 07:25

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
n-Nitrosodimethylamine	0.844	0.858	-	-1.7	20	100	0
Pyridine	1.411	1.516	-	-7.4	20	102	0
2-Fluorophenol	1.267	1.346	-	-6.2	20	106	0
Aniline	2.27	2.272	-	-0.1	20	101	0
2-Chlorophenol	1.383	1.451	-	-4.9	20	102	0
Phenol-d6	1.611	1.633	-	-1.4	20	101	0
Phenol	1.929	1.805	-	6.4	20	93	0
Bis(2-chloroethyl)ether	1.355	1.357	-	-0.1	20	103	0
1,3-Dichlorobenzene	1.577	1.542	-	2.2	20	101	0
1,4-Dichlorobenzene	1.62	1.565	-	3.4	20	100	0
1,2-Dichlorobenzene	1.541	1.506	-	2.3	20	102	0
Benzyl alcohol	1.201	1.277	-	-6.3	20	103	0
Bis(2-chloroisopropyl)ethe	1.82	2.302	-	-26.5*	20	128	0
2-Methylphenol	1.29	1.288	-	0.2	20	100	0
Hexachloroethane	0.616	0.626	-	-1.6	20	102	0
n-Nitrosodi-n-propylamine	1.068	1.125	-	-5.3	20	103	0
3-Methylphenol/4-Methylphe	1.384	1.368	-	1.2	20	98	0
Nitrobenzene-d5	1.496	1.567	-	-4.7	20	101	0
Nitrobenzene	1.54	1.568	-	-1.8	20	99	0
Isophorone	2.84	2.964	-	-4.4	20	102	0
2-Nitrophenol	0.571	0.768	-	-34.5*	20	123	0
2,4-Dimethylphenol	1.485	1.499	-	-0.9	20	99	0
Bis(2-chloroethoxy)methane	1.786	1.797	-	-0.6	20	102	0
2,4-Dichlorophenol	1.155	1.223	-	-5.9	20	101	0
1,2,4-Trichlorobenzene	1.304	1.295	-	0.7	20	103	0
IS1_Naphthalene-d8	1	1	-	0	20	103	0
Naphthalene	1.095	1.006	-	8.1	20	98	0
Benzoic Acid	50	54.926	-	-9.9	20	124	0
4-Chloroaniline	0.151	0.147	-	2.6	20	101	0
Hexachlorobutadiene	0.199	0.187	-	6	20	100	0
p-Chloro-m-cresol	0.322	0.33	-	-2.5	20	103	0
2-Methylnaphthalene	0.657	0.626	-	4.7	20	101	0
1-Methylnaphthalene	0.267	0.238	-	10.9	20	94	0
Hexachlorocyclopentadiene	0.233	0.253	-	-8.6	20	110	0
2,4,6-Trichlorophenol	0.2	0.236	-	-18	20	114	0
2,4,5-Trichlorophenol	0.225	0.249	-	-10.7	20	108	0
2-Fluorobiphenyl	0.826	0.765	-	7.4	20	98	0
2-Chloronaphthalene	0.691	0.666	-	3.6	20	103	0
2-Nitroaniline	0.207	0.242	-	-16.9	20	109	0
1,4-Dinitrobenzene	50	52.005	-	-4	20	113	0
1,3-Dinitrobenzene	0.105	0.123	-	-17.1	20	109	0
Dimethyl phthalate	0.824	0.825	-	-0.1	20	105	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV103
 Lab File ID : ABN0810
 Sample No : WG2101178-3
 Channel :

Lab Number : L2547832
 Project Number : W96.013.001
 Calibration Date : 08/10/25 09:55
 Init. Calib. Date(s) : 06/03/25 06/04/25
 Init. Calib. Times : 20:16 07:25

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.183	1.152	-	2.6	20	99	0
2,6-Dinitrotoluene	0.151	0.178	-	-17.9	20	112	0
1,2-Dinitrobenzene	0.068	0.076	-	-11.8	20	104	0
IS1_Acenaphthene-d10	1	1	-	0	20	108	0
3-Nitroaniline	0.354	0.373	-	-5.4	20	106	0
Acenaphthene	1.186	1.066	-	10.1	20	100	0
2,4-Dinitrophenol	50	65.233	-	-30.5*	20	155	0
Dibenzofuran	1.892	1.67	-	11.7	20	98	0
2,4-Dinitrotoluene	0.388	0.434	-	-11.9	20	109	0
4-Nitrophenol	0.275	0.328	-	-19.3	20	114	0
2,3,5,6-Tetrachlorophenol	0.323	0.376	-	-16.4	20	116	0
2,3,4,6-Tetrachlorophenol	0.327	0.36	-	-10.1	20	107	0
Diethyl phthalate	1.549	1.489	-	3.9	20	104	0
Fluorene	1.502	1.37	-	8.8	20	100	0
4-Chlorophenyl phenyl ethe	0.703	0.617	-	12.2	20	99	0
4-Nitroaniline	0.354	0.365	-	-3.1	20	105	0
4,6-Dinitro-o-cresol	50	67.339	-	-34.7*	20	156	0
NDPA/DPA	1.254	1.134	-	9.6	20	99	0
Azobenzene	1.602	1.431	-	10.7	20	96	0
2,4,6-Tribromophenol	0.213	0.248	-	-16.4	20	118	0
4-Bromophenyl phenyl ether	0.427	0.404	-	5.4	20	105	0
Hexachlorobenzene	0.514	0.487	-	5.3	20	108	0
Pentachlorophenol	50	49.996	-	0	20	120	0
IS1_Phenanthrene-d10	1	1	-	0	20	108	0
Phenanthrene	1.184	1.077	-	9	20	102	0
Anthracene	1.172	1.094	-	6.7	20	102	0
Carbazole	1.135	1.053	-	7.2	20	100	0
Di-n-butylphthalate	1.288	1.391	-	-8	20	106	0
Fluoranthene	1.302	1.247	-	4.2	20	101	0
Benzidine	0.83	0.901	-	-8.6	20	107	0
Pyrene	1.39	1.298	-	6.6	20	101	0
4-Terphenyl-d14	1.016	0.968	-	4.7	20	103	0
Butyl benzyl phthalate	50	47.498	-	5	20	111	0
IS1_Chrysene-d12	1	1	-	0	20	100	0
Benzo(a)anthracene	1.391	1.344	-	3.4	20	101	0
3,3'-Dichlorobenzidine	0.494	0.519	-	-5.1	20	99	0
Chrysene	1.269	1.21	-	4.6	20	103	0
Bis(2-ethylhexyl)phthalate	50	49.945	-	0.1	20	105	0
Di-n-octylphthalate	50	51.181	-	-2.4	20	112	0
Benzo(b)fluoranthene	1.248	1.284	-	-2.9	20	104	0
Benzo(k)fluoranthene	1.282	1.285	-	-0.2	20	103	0
Benzo(a)pyrene	1.166	1.242	-	-6.5	20	106	0
IS1_Perylene-d12	1	1	-	0	20	105	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : MORK
 Lab File ID : ABN0811
 Sample No : WG2101478-3
 Channel :

Lab Number : L2547832
 Project Number : W96.013.001
 Calibration Date : 08/11/25 09:20
 Init. Calib. Date(s) : 11/10/24 11/11/24
 Init. Calib. Times : 21:39 10:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	137	0
n-Nitrosodimethylamine	0.69	0.672	-	2.6	20	145	0
Pyridine	1.046	1.24	-	-18.5	20	179	0
2-Fluorophenol	1.064	1.186	-	-11.5	20	163	0
Aniline	1.74	1.811	-	-4.1	20	152	0
2-Chlorophenol	1.252	1.414	-	-12.9	20	165	0
Phenol-d6	1.388	1.4	-	-0.9	20	146	0
Phenol	1.596	1.428	-	10.5	20	131	0
Bis(2-chloroethyl)ether	1.057	1.027	-	2.8	20	141	0
1,3-Dichlorobenzene	1.515	1.508	-	0.5	20	147	0
1,4-Dichlorobenzene	1.562	1.547	-	1	20	147	0
1,2-Dichlorobenzene	1.504	1.472	-	2.1	20	145	0
Benzyl alcohol	1.045	0.924	-	11.6	20	127	0
Bis(2-chloroisopropyl)ethe	1.197	1.06	-	11.4	20	131	0
2-Methylphenol	1.1	1.11	-	-0.9	20	146	0
Hexachloroethane	0.534	0.53	-	0.7	20	145	0
n-Nitrosodi-n-propylamine	0.885	0.783	-	11.5	20	132	0
3-Methylphenol/4-Methylphe	1.183	1.188	-	-0.4	20	146	0
Nitrobenzene-d5	1.237	1.194	-	3.5	20	138	0
Nitrobenzene	1.258	1.149	-	8.7	20	130	0
Isophorone	2.374	2.121	-	10.7	20	133	0
2-Nitrophenol	0.618	0.777	-	-25.7*	20	169	0
2,4-Dimethylphenol	1.181	1.243	-	-5.2	20	156	0
Bis(2-chloroethoxy)methane	1.439	1.362	-	5.4	20	139	0
2,4-Dichlorophenol	1.254	1.241	-	1	20	143	0
1,2,4-Trichlorobenzene	1.48	1.381	-	6.7	20	139	0
IS1_Naphthalene-d8	1	1	-	0	20	144	0
Naphthalene	1.064	1.02	-	4.1	20	149	0
Benzoic Acid	0.235	0.252	-	-7.2	20	149	0
4-Chloroaniline	0.121	0.1	-	17.4	20	129	0
Hexachlorobutadiene	0.284	0.222	-	21.8*	20	123	0
p-Chloro-m-cresol	0.306	0.29	-	5.2	20	144	0
2-Methylnaphthalene	0.729	0.652	-	10.6	20	140	0
1-Methylnaphthalene	0.248	0.201	-	19	20	125	0
Hexachlorocyclopentadiene	0.288	0.316	-	-9.7	20	161	0
2,4,6-Trichlorophenol	0.295	0.267	-	9.5	20	140	0
2,4,5-Trichlorophenol	0.308	0.276	-	10.4	20	134	0
2-Fluorobiphenyl	0.948	0.837	-	11.7	20	137	0
2-Chloronaphthalene	0.787	0.705	-	10.4	20	140	0
2-Nitroaniline	0.217	0.24	-	-10.6	20	157	0
1,4-Dinitrobenzene	0.096	0.11	-	-14.6	20	156	0
1,3-Dinitrobenzene	0.111	0.117	-	-5.4	20	147	0
Dimethyl phthalate	0.94	0.821	-	12.7	20	138	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : MORK
 Lab File ID : ABN0811
 Sample No : WG2101478-3
 Channel :

Lab Number : L2547832
 Project Number : W96.013.001
 Calibration Date : 08/11/25 09:20
 Init. Calib. Date(s) : 11/10/24 11/11/24
 Init. Calib. Times : 21:39 10:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.21	1.175	-	2.9	20	152	0
2,6-Dinitrotoluene	0.188	0.181	-	3.7	20	141	0
1,2-Dinitrobenzene	0.07	0.072	-	-2.9	20	149	0
IS1_Acenaphthene-d10	1	1	-	0	20	133	0
3-Nitroaniline	0.313	0.359	-	-14.7	20	150	0
Acenaphthene	1.112	1.088	-	2.2	20	140	0
2,4-Dinitrophenol	0.168	0.235	-	-39.9*	20	175	0
Dibenzofuran	1.834	1.726	-	5.9	20	134	0
2,4-Dinitrotoluene	0.406	0.429	-	-5.7	20	142	0
4-Nitrophenol	0.217	0.207	-	4.6	20	126	0
2,3,5,6-Tetrachlorophenol	0.461	0.459	-	0.4	20	136	0
2,3,4,6-Tetrachlorophenol	0.447	0.437	-	2.2	20	134	0
Diethyl phthalate	1.467	1.466	-	0.1	20	142	0
Fluorene	1.465	1.442	-	1.6	20	140	0
4-Chlorophenyl phenyl ethe	0.76	0.691	-	9.1	20	131	0
4-Nitroaniline	0.322	0.361	-	-12.1	20	148	0
4,6-Dinitro-o-cresol	0.221	0.295	-	-33.5*	20	162	0
NDPA/DPA	1.234	1.203	-	2.5	20	140	0
Azobenzene	1.225	1.067	-	12.9	20	123	0
2,4,6-Tribromophenol	0.287	0.303	-	-5.6	20	142	0
4-Bromophenyl phenyl ether	0.541	0.5	-	7.6	20	134	0
Hexachlorobenzene	0.637	0.599	-	6	20	135	0
Pentachlorophenol	0.399	0.419	-	-5	20	136	0
IS1_Phenanthrene-d10	1	1	-	0	20	129	0
Phenanthrene	1.106	1.062	-	4	20	134	0
Anthracene	1.108	1.105	-	0.3	20	136	0
Carbazole	1.016	1.036	-	-2	20	141	0
Di-n-butylphthalate	1.165	1.279	-	-9.8	20	146	0
Fluoranthene	1.381	1.322	-	4.3	20	133	0
Benzidine	0.796	0.895	-	-12.4	20	150	0
Pyrene	1.441	1.365	-	5.3	20	131	0
4-Terphenyl-d14	1.119	1.1	-	1.7	20	138	0
Butyl benzyl phthalate	0.478	0.611	-	-27.8*	20	154	0
IS1_Chrysene-d12	1	1	-	0	20	118	0
Benzo(a)anthracene	1.344	1.311	-	2.5	20	126	0
3,3'-Dichlorobenzidine	0.495	0.555	-	-12.1	20	135	0
Chrysene	1.249	1.202	-	3.8	20	126	0
Bis(2-ethylhexyl)phthalate	0.636	0.827	-	-30*	20	151	0
Di-n-octylphthalate	1.08	1.466	-	-35.7*	20	151	0
Benzo(b)fluoranthene	1.382	1.441	-	-4.3	20	135	0
Benzo(k)fluoranthene	1.303	1.351	-	-3.7	20	126	0
Benzo(a)pyrene	1.251	1.37	-	-9.5	20	138	0
IS1_Perylene-d12	1	1	-	0	20	125	0

* Value outside of QC limits.



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-01	Date Collected	: 07/30/25 09:40
Client ID	: SS-111	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 19:42
Sample Matrix	: SOIL	Dilution Factor	: 20
Analytical Method	: 1,6010D	Analyst	: CEY
Lab File ID	: WG2101513.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.293g	%Solids	: 94
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	1240	82.3	26.7	
7440-36-0	Antimony, Total	ND	41.1	31.7	U
7440-38-2	Arsenic, Total	ND	8.23	3.55	U
7440-39-3	Barium, Total	17.5	8.23	0.872	
7440-41-7	Beryllium, Total	ND	4.11	0.452	U
7440-43-9	Cadmium, Total	ND	8.23	0.452	U
7440-70-2	Calcium, Total	270000	82.3	46.6	
7440-47-3	Chromium, Total	ND	8.23	6.98	U
7440-48-4	Cobalt, Total	ND	16.4	2.04	U
7440-50-8	Copper, Total	7.70	8.23	1.87	J
7439-89-6	Iron, Total	3210	41.1	8.64	
7439-92-1	Lead, Total	18.6	41.1	1.96	J
7439-95-4	Magnesium, Total	6600	82.3	13.4	
7439-96-5	Manganese, Total	137	8.23	4.41	
7440-02-0	Nickel, Total	ND	20.6	6.65	U
7782-49-2	Selenium, Total	ND	16.4	2.71	U
7440-22-4	Silver, Total	ND	4.11	2.45	U
7440-23-5	Sodium, Total	ND	1640	872.	U
7440-28-0	Thallium, Total	ND	16.4	7.42	U
7440-62-2	Vanadium, Total	4.00	8.23	1.24	J
7440-66-6	Zinc, Total	19.0	41.1	4.98	J



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-02	Date Collected	: 07/30/25 09:50
Client ID	: SS-112	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 19:15
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: CEY
Lab File ID	: WG2101513.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.323g	%Solids	: 90
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	5230	8.44	2.74	
7440-36-0	Antimony, Total	ND	4.22	3.25	U
7440-38-2	Arsenic, Total	6.49	0.844	0.365	
7440-39-3	Barium, Total	85.8	0.844	0.090	
7440-41-7	Beryllium, Total	0.340	0.422	0.046	J
7440-43-9	Cadmium, Total	0.245	0.844	0.046	J
7440-70-2	Calcium, Total	40800	8.44	4.79	
7440-47-3	Chromium, Total	8.50	0.844	0.716	
7440-48-4	Cobalt, Total	7.89	1.69	0.209	
7440-50-8	Copper, Total	89.8	0.844	0.192	
7439-89-6	Iron, Total	11400	4.22	0.887	
7439-92-1	Lead, Total	92.5	4.22	0.201	
7439-95-4	Magnesium, Total	11900	8.44	1.38	
7439-96-5	Manganese, Total	302	0.844	0.453	
7440-02-0	Nickel, Total	14.1	2.11	0.682	
7782-49-2	Selenium, Total	ND	1.69	0.278	U
7440-22-4	Silver, Total	ND	0.422	0.252	U
7440-23-5	Sodium, Total	176	169	89.5	
7440-28-0	Thallium, Total	ND	1.69	0.762	U
7440-62-2	Vanadium, Total	11.9	0.844	0.128	
7440-66-6	Zinc, Total	77.0	4.22	0.512	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-03	Date Collected	: 07/30/25 10:00
Client ID	: SS-105	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 19:46
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,6010D	Analyst	: CEY
Lab File ID	: WG2101513.pdf	Instrument ID	: TRACE8
Sample Amount	: 1.321g	%Solids	: 95
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	2880	39.7	12.9	
7440-36-0	Antimony, Total	ND	19.8	15.3	U
7440-38-2	Arsenic, Total	3.72	3.97	1.71	J
7440-39-3	Barium, Total	36.6	3.97	0.420	
7440-41-7	Beryllium, Total	ND	1.98	0.218	U
7440-43-9	Cadmium, Total	ND	3.97	0.218	U
7440-70-2	Calcium, Total	150000	39.7	22.5	
7440-47-3	Chromium, Total	5.10	3.97	3.36	
7440-48-4	Cobalt, Total	2.86	7.94	0.984	J
7440-50-8	Copper, Total	27.8	3.97	0.901	
7439-89-6	Iron, Total	6220	19.8	4.16	
7439-92-1	Lead, Total	42.2	19.8	0.944	
7439-95-4	Magnesium, Total	15200	39.7	6.47	
7439-96-5	Manganese, Total	260	3.97	2.13	
7440-02-0	Nickel, Total	6.91	9.92	3.20	J
7782-49-2	Selenium, Total	ND	7.94	1.30	U
7440-22-4	Silver, Total	ND	1.98	1.18	U
7440-23-5	Sodium, Total	ND	794	420.	U
7440-28-0	Thallium, Total	ND	7.94	3.58	U
7440-62-2	Vanadium, Total	8.64	3.97	0.599	
7440-66-6	Zinc, Total	38.3	19.8	2.40	



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101434-1
 Client ID : WG2101434-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG2101513.pdf
 Sample Amount : 1.25g
 Digestion Method : EPA 3050B

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/11/25 16:56
 Dilution Factor : 1
 Analyst : CEY
 Instrument ID : TRACE8
 %Solids : NA
 Date Digested : 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	4.00	1.30	U
7440-36-0	Antimony, Total	ND	2.00	1.54	U
7440-38-2	Arsenic, Total	ND	0.400	0.173	U
7440-39-3	Barium, Total	ND	0.400	0.042	U
7440-41-7	Beryllium, Total	ND	0.200	0.022	U
7440-43-9	Cadmium, Total	ND	0.400	0.022	U
7440-70-2	Calcium, Total	ND	4.00	2.27	U
7440-47-3	Chromium, Total	ND	0.400	0.339	U
7440-48-4	Cobalt, Total	ND	0.800	0.099	U
7440-50-8	Copper, Total	ND	0.400	0.091	U
7439-89-6	Iron, Total	1.22	2.00	0.420	J
7439-92-1	Lead, Total	ND	2.00	0.095	U
7439-95-4	Magnesium, Total	ND	4.00	0.652	U
7439-96-5	Manganese, Total	ND	0.400	0.214	U
7440-02-0	Nickel, Total	ND	1.00	0.323	U
7440-09-7	Potassium, Total	ND	100	20.3	U
7782-49-2	Selenium, Total	ND	0.800	0.132	U
7440-22-4	Silver, Total	ND	0.200	0.119	U
7440-23-5	Sodium, Total	ND	80.0	42.4	U
7440-28-0	Thallium, Total	ND	0.800	0.361	U
7440-62-2	Vanadium, Total	ND	0.400	0.060	U
7440-66-6	Zinc, Total	ND	2.00	0.242	U



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-01	Date Collected	: 07/30/25 09:40
Client ID	: SS-111	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 10:07
Sample Matrix	: SOIL	Dilution Factor	: 20
Analytical Method	: 1,6010D	Analyst	: LRS
Lab File ID	: WG2101798.csv	Instrument ID	: TRACE8
Sample Amount	: 1.293g	%Solids	: 94
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7440-09-7	Potassium, Total	ND	2060	417.	U



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-02	Date Collected	: 07/30/25 09:50
Client ID	: SS-112	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 12:25
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: LRS
Lab File ID	: WG2101798.csv	Instrument ID	: TRACE8
Sample Amount	: 1.323g	%Solids	: 90
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7440-09-7	Potassium, Total	572	211	42.8	

Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-03	Date Collected	: 07/30/25 10:00
Client ID	: SS-105	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 10:04
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,6010D	Analyst	: LRS
Lab File ID	: WG2101798.csv	Instrument ID	: TRACE8
Sample Amount	: 1.321g	%Solids	: 95
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7440-09-7	Potassium, Total	348	992	201.	J



Form 2A

Initial and Continuing Calibration Verification

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : TRACE8

Lab Number : L2547832
 Project Number : W96.013.001
 Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Aluminum				0.5000	0.510	102				
Antimony				0.5000	0.480	96				
Arsenic				0.5000	0.460	92				
Barium				0.5000	0.538	108				
Beryllium				0.5000	0.484	97				
Cadmium				0.5000	0.460	92				
Calcium				0.5000	0.460	92				
Chromium				0.5000	0.480	96				
Cobalt				0.5000	0.484	97				
Copper				0.5000	0.503	101				
Iron				0.5000	0.459	92				
Lead				0.5000	0.484	97				
Magnesium				0.5000	0.472	94				
Manganese				0.5000	0.464	93				
Nickel				0.5000	0.483	97				
Potassium				5.0000	5.90	118				
Selenium				0.5000	0.479	96				
Silver				0.5000	0.489	98				
Sodium				10.0000	11.6	116				
Thallium				0.5000	0.485	97				
Vanadium				0.5000	0.487	97				
Zinc				0.5000	0.463	93				

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	77-123%	(Method 1631)	76-113%	(Method 245.7)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)		
	85-115%	(Method 200.8)	80-120%	(Methods 7470, 7471)
	77-123%	(Method 1631)	76-113%	(Method 245.7)



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-01	Date Collected	: 07/30/25 09:40
Client ID	: SS-111	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 16:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2101441.pdf	Instrument ID	: NIC2
Sample Amount	: 0.388g	%Solids	: 94
Digestion Method	: EPA 7471B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.147	0.069	0.045	



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-02	Date Collected	: 07/30/25 09:50
Client ID	: SS-112	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 16:08
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2101441.pdf	Instrument ID	: NIC2
Sample Amount	: 0.313g	%Solids	: 90
Digestion Method	: EPA 7471B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.106	0.089	0.058	

Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-03	Date Collected	: 07/30/25 10:00
Client ID	: SS-105	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 16:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: CME
Lab File ID	: WG2101441.pdf	Instrument ID	: NIC2
Sample Amount	: 0.392g	%Solids	: 95
Digestion Method	: EPA 7471B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.076	0.067	0.044	



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101439-1
 Client ID : WG2101439-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,7471B
 Lab File ID : WG2101441.pdf
 Sample Amount : 0.3g
 Digestion Method : EPA 7471B

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/11/25 14:38
 Dilution Factor : 1
 Analyst : CME
 Instrument ID : NIC2
 %Solids : NA
 Date Digested : 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.083	0.054	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-01	Date Collected	: 07/30/25 09:40
Client ID	: SS-111	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 13:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.014g	%Solids	: 94
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.0	0.22	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-02	Date Collected	: 07/30/25 09:50
Client ID	: SS-112	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 13:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN080825-A	Instrument ID	: LACHAT6
Sample Amount	: 1.0034g	%Solids	: 90
Digestion Method	:	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.1	0.24	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-03	Date Collected	: 07/30/25 10:00
Client ID	: SS-105	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/11/25 15:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081125-C1	Instrument ID	: LACHAT6
Sample Amount	: 1.0104g	%Solids	: 95
Digestion Method	:	Date Digested	: 08/08/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	1.0	0.22	U



Form 1

WETCHEM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100359-1
 Client ID : WG2100359-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN080825-A
 Sample Amount : 1.0191g
 Digestion Method :

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/08/25 13:05
 Dilution Factor : 1
 Analyst : JER
 Instrument ID : LACHAT6
 %Solids : NA
 Date Digested : 08/07/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.96	0.20	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-01	Date Collected	: 07/30/25 09:40
Client ID	: SS-111	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 03:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2100028.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 94
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	94.0	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-02	Date Collected	: 07/30/25 09:50
Client ID	: SS-112	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 03:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2100028.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 90
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	89.5	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547832
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547832-03	Date Collected	: 07/30/25 10:00
Client ID	: SS-105	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/07/25 04:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2100049.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 95
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	95.4	0.100	NA	



Form 1

WETCHEM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100028-1
 Client ID : WG2100028-1 DUP
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 121,2540G
 Lab File ID : WG2100028.pdf
 Sample Amount :
 Digestion Method :

Lab Number : L2547832
 Project Number : W96.013.001
 Date Collected : 07/22/25 09:48
 Date Received : 07/22/25
 Date Analyzed : 08/07/25 03:05
 Dilution Factor : 1
 Analyst : JMN
 Instrument ID : BALANCE#53
 %Solids : 83
 Date Digested :

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	81.3	0.100	NA	



Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2547833
October 21, 2025
Sampling date: 7/30/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2547833

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for C&S Engineers, project located at 160 Center St., Canastota, NY, SDG#L2547833 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Inorganics (6010D) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	SS-113	L2547833-01
2	SS-114	L2547833-02
3	SS-115	L2547833-03
4	SS-116	L2547833-04

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Samples: DUSR ID#1-4 were diluted.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solid

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

%SOLID

All criteria were met.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547833
Report Date: 08/13/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2547833
Report Date: 08/13/25

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.

Total Metals

L2547833-01 through -04: The sample has an elevated detection limit for lead due to the dilution required by the sample matrix.

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

Authorized Signature:  Report Date: 08/13/25
Title: Technical Director/Representative

Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547833
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547833-04	Date Collected	: 07/30/25 10:30
Client ID	: SS-116	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 16:09
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: DHL
Lab File ID	: WG2101804.pdf	Instrument ID	: TRACE9
Sample Amount	: 1.325g	%Solids	: 71
Digestion Method	: EPA 3050B	Date Digested	: 08/12/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, Total	212	5.33	0.254	



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101994-1
 Client ID : WG2101994-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG2101804.pdf
 Sample Amount : 1.25g
 Digestion Method : EPA 3050B

Lab Number : L2547833
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 16:03
 Dilution Factor : 1
 Analyst : DHL
 Instrument ID : TRACE9
 %Solids : NA
 Date Digested : 08/12/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, Total	ND	2.00	0.095	U



Form 1 METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101994-4
 Client ID : SS-116DUP
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG2101804.pdf
 Sample Amount : 1.271g
 Digestion Method : EPA 3050B

Lab Number : L2547833
 Project Number : W96.013.001
 Date Collected : 07/30/25 10:30
 Date Received : 07/30/25
 Date Analyzed : 08/12/25 16:16
 Dilution Factor : 2
 Analyst : DHL
 Instrument ID : TRACE9
 %Solids : 71
 Date Digested : 08/12/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, Total	204.	5.56	0.264	



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2101994-6
Client ID : Serial Dilution
Sample Location :
Sample Matrix : SOIL
Analytical Method : 1,6010D
Lab File ID : WG2101804.pdf
Sample Amount : 1.325g
Digestion Method : EPA 3050B

Lab Number : L2547833
Project Number : W96.013.001
Date Collected :
Date Received :
Date Analyzed : 08/12/25 16:22
Dilution Factor : 10
Analyst : DHL
Instrument ID : TRACE9
%Solids : NA
Date Digested : 08/12/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, Total	219.	26.6	1.27	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547833
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547833-01	Date Collected	: 07/30/25 10:15
Client ID	: SS-113	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 08:52
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2101803.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.301g	%Solids	: 85
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, Total	81.9	4.54	0.216	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547833
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547833-02	Date Collected	: 07/30/25 10:20
Client ID	: SS-114	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 09:44
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2101803.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.293g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, Total	33.1	4.67	0.222	



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2547833
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547833-03	Date Collected	: 07/30/25 10:25
Client ID	: SS-115	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 09:51
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2101803.pdf	Instrument ID	: TRACE5
Sample Amount	: 1.255g	%Solids	: 81
Digestion Method	: EPA 3050B	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, Total	63.7	4.92	0.234	



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101678-1
 Client ID : WG2101678-1BLANK
 Sample Location :
 Sample Matrix : SOIL
 Analytical Method : 1,6010D
 Lab File ID : WG2101803.pdf
 Sample Amount : 1.25g
 Digestion Method : EPA 3050B

Lab Number : L2547833
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 08:33
 Dilution Factor : 1
 Analyst : JMF
 Instrument ID : TRACE5
 %Solids : NA
 Date Digested : 08/11/25

CAS NO.	Parameter	mg/kg			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, Total	ND	2.00	0.095	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547833
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547833-01	Date Collected	: 07/30/25 10:15
Client ID	: SS-113	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 11:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2099137.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 85
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	84.6	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547833
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547833-02	Date Collected	: 07/30/25 10:20
Client ID	: SS-114	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 11:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2099137.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 83
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	82.8	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547833
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547833-03	Date Collected	: 07/30/25 10:25
Client ID	: SS-115	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 11:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2099137.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 81
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	80.9	0.100	NA	



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2547833
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2547833-04	Date Collected	: 07/30/25 10:30
Client ID	: SS-116	Date Received	: 07/30/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 11:56
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: ROI
Lab File ID	: WG2099137.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 71
Digestion Method	:	Date Digested	:

CAS NO.	Parameter	%			Qualifier
		Results	RL	MDL	
NONE	Solids, Total	70.8	0.100	NA	



Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2548090
October 22, 2025
Sampling date: 7/31/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2548090

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for C&S Engineers, project located at 160 Center St., Canastota, NY, SDG#L2548090 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Perfluorinated Hydrocarbons (EPA 1633), Inorganics/Mercury (6010D, 7470A) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	MW-101	L2548090-01
2	MW-102	L2548090-02
3	EQUIPMENT BLANK	L2548090-03
4	VOC BLANK	L2548090-04
5	TRIP BLANK	L2548090-05

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples, MS/MSD, Compound Quantitation, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	RPD	Qualifier	Associated Sample
WG2102304	Isopropylbenzene	21	UJ	1, 2, 4, 5

MS/MSD

All criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #1MS	%Rec #1MSD	RPD	Qualifier	Associated Sample
Dibromochloromethane	-	-	21	UJ	1
1,1,1-Trichloroethane	140	-	24	UJ	1
Acetone	160	-	21	J	1
Methylcyclohexane	-	-	26	UJ	1

Old Erie Commons

SDG# L2548090

Target Analyte	%Rec #1MS	%Rec #1MSD	RPD	Qualifier	Associated Sample
Trichloroethene	-	-	17	UJ	1
Benzene	-	-	17	UJ	1
Toluene	-	-	18	UJ	1
Chlorobenzene	-	-	19	UJ	1

COMPOUND QUANTITATION

All criteria were met except a target analyte was detected in a sample blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
5	Acetone	2.6	U at RL	1, 2

INITIAL CALIBRATION

All criteria were met except several target analytes were outside QC limits in the Initial Calibration(ICal) and/or the Initial Calibration Verification(ICV) and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICal/ICV Quimby	1,1,2-Trichloroethane	RRF	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD
ICal/ICV Quimby	1,2-Dichloropropane	RRF	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD
ICal/ICV Quimby	Bromodichloromethane	RRF	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2102304-2	Bromomethane	37.4	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD
WG2102304-2	1,1,2-Trichloroethane	RRF	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD
WG2102304-2	1,2-Dichloropropane	RRF	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD
WG2102304-2	Bromodichloromethane	RRF	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD
WG2102304-2	1,2-Dibromoethane	RRF	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD

Old Erie Commons

SDG# L2548090

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2102304-2	cis-1,3-Dichloropropene	RRF	UJ/J	WG2102304 1, 2, 4, 5, 1MS/MSD

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank, Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except a couple of target analytes were detected in the method blanks and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration	Qualifier	Associated Sample
WG2098101	Benzo(a)anthracene	.03ug/L	U at RL	1, 2
WG2100241	1,4-Dioxane	117ng/L	U at RL	1, 2

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	RPD	Qualifier	Associated Sample
WG2098100	2,4-Dimethylphenol	33	UJ	1, 2

MS/MSD

All criteria were met except a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #1MS	%Rec #1MSD	Qualifier	Associated Sample
3,3'-Dichlorobenzidine	23	27	UJ	1

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except a target analyte was outside QC limits in the Initial Calibration(ICal) and/or the Initial Calibration Verification(ICV) and should be qualified as estimated in the associated samples, blanks and spikes.

Old Erie Commons

SDG# L2548090

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICV SV112	Acetophenone	-21.8	UJ/J	WG2098100, 1, 2, 1MS/MSD

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met except a couple of target analytes were outside QC limits in the continuing calibrations and should be qualified in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2098646-3	Bis(2-chloroisopropyl)ether	35.2	UJ/J	WG2098100
WG2099237-3	Bis(2-chloroisopropyl)ether	41.5	UJ/J	1, 2, 1MS/MSD
WG2099237-3	2-Nitrophenol	-20.7	UJ/J	1, 2, 1MS/MSD

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except a target analyte and a surrogate were outside QC limits in the Initial Calibration(ICal) and/or the Initial Calibration Verification(ICV) and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	%D column #1	%D column #2	Qualifier	Associated Sample
ICV Pest2	Aroclor 1268 p5	-20.6	-	UJ	WG2098331-1, 1, 2
ICV Pest2	DCBP	23.2	28.0	J	WG2098331-1, 1, 2, 1MS/MSD

CONTINUING CALIBRATION

All criteria were met except a target analyte and a surrogate were outside QC limits in a continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D column #1	%D column #2	Qualifier	Associated Sample
WG2098413-1	Aroclor 1260 p4	30	-	UJ/J	WG2098331-1, 1, 2, 1MS/MSD
WG2098413-1	DCBP	-	32.3	J	WG2098331-1, 1, 2, 1MS/MSD

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Internal Standard, Surrogate Spike Recoveries, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met.

INTERNAL STANDARD (IS)

All criteria were met except the area of 13C3-PFBA was outside QC limits in DUSR ID#1 and #1MS/MSD. PFBA and PFMPA should be qualified as estimated in these samples.

SURROGATE SPIKE RECOVERIES

All criteria were met except a couple of surrogates were outside QC limits in a sample and should be qualified as estimated.

Surrogate	Associated Target Analyte	Qualifier	Associated Sample
M2-4:2FTS	4:2FTS	UJ/J	1, 2, 1MS/MSD
M2-6:2FTS	6:2FTS	UJ/J	1, 2, 1MS/MSD
M2-8:2FTS	8:2FTS	UJ/J	1, 2, 1MS/MSD
MPFDoA	PFDoA, PFTrDA	UJ/J	1, 2, 1MS/MSD
d3-NMeFOSA	NMeFOSA	UJ	1, 2
d5-NEtFOSA	NEtFOSA	UJ/J	1, 2, 1MS/MSD
d7-NMeFOSE	NMeFOSE	UJ/J	1, 2, 1MS/MSD
d9-NEtFOSE	NEtFOSE	UJ/J	1, 2, 1MS/MSD
M2-PFTeDA	PFTA	UJ	1, 2
M7-PFUnA	PFUnA	UJ	2

BLANKS

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

The %Rec of a target analyte was outside QC limits, high in the laboratory control samples but it was not detected in the associated samples, so no further action is required.

MS/MSD

All criteria were met except a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #1MS	%Rec #1MSD	Qualifier	Associated Sample
PFDoS	53	56	UJ	1

The %Rec of several target analytes was outside QC limits, high in the matrix spikes but they were not detected in the associated samples, so no further action is required.

COMPOUND QUANTITATION

All the criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met except a target analyte was outside QC limits in a continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%Rec	Qualifier	Associated Sample
WG2099511-1	PFTTrDA	149.4	UJ/J	WG2098351, 1-3, 1MS/MSD
WG2099511-7	PFTTrDA	137.4	UJ/J	WG2098351

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in MS/MSD/Duplicate and Serial Dilution.

Samples: DUSR ID#1MS/MSD were diluted.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met.

A target analyte was detected in the blanks but was not detected in the associated samples, so no further action is required.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met except the %Rec of a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #1MS	%Rec #1MSD	Qualifier	Associated Sample
Mg	186	183	JH	1

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met except a target analyte was outside QC limits in the serial dilution and should be qualified as estimated.

Target Analyte	%D #1SD	Qualifier	Associated Sample
Ca	21	J	1

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

CYANIDE

All criteria were met.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2548090
Report Date: 08/18/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2548090
Report Date: 08/18/25

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.

Perfluorinated Alkyl Acids by 1633

L2548090-01: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (255%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (336%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

SVOAQC WG2099511-1: The continuing calibration standard had the response for PFTrDA above the acceptance criteria for the method. The associated samples were non-detect; therefore, no further action was taken.

WG2099511-1: The continuing calibration standard had the response for d5-NEtFOSAA outside the 70 - 130% acceptance criteria. The associated target analytes were within acceptance criteria. This is within overall method requirements; therefore, no further action was taken.

WG2099511-7: The continuing calibration standard had the response for PFTrDA above the acceptance criteria for the method. The associated samples were non-detect; therefore, no further action was taken.

WG2099511-9: The continuing calibration standard had the response for 13C2-PFTeDA outside the 70 - 130% acceptance criteria. The associated target analytes were within acceptance criteria. This is within overall method requirements; therefore, no further action was taken.

L2548090-02: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (248%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (270%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2548090
Report Date: 08/18/25

Case Narrative (continued)

The WG2098351-3 LCS recovery associated with L2548090-01 through -03 is above the acceptance criteria for perfluorotridecanoic acid (pftdda) (147%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

The Extracted Internal Standard recoveries for the WG2098351-4 MS performed on L2548090-01 are outside the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (251%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (281%). The associated MS spike compounds are within criteria; therefore, no further action was taken.

The WG2098351-4 MS recoveries performed on L2548090-01 are outside the acceptance criteria for 3-perfluoropropyl propanoic acid (3:3ftca) (131%).

The Extracted Internal Standard recovery for the WG2098351-5 MSD performed on L2548090-01 is outside the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (234%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (284%). The associated MS spike compounds are within criteria; therefore, no further action was taken.

The WG2098351-5 MSD recovery performed on L2548090-01 is outside the acceptance criteria for 3-perfluoropropyl propanoic acid (3:3ftca) (134%).

Total Metals

The WG2100337-3/-4 MS/MSD recoveries performed on L2548090-01 do not apply for calcium (293%/323%) because the sample concentration is greater than four times the spike amounts added.

The WG2100337-3/-4 MS/MSD recoveries performed on L2548090-01 are outside the acceptance criteria for iron (MSD at 127%) and magnesium (186%/183%). A post digestion spike was performed and was within acceptance criteria.

The WG2100337-6 serial dilution analysis associated with L2548090-01 had a %D above the acceptance criteria for calcium (21%).

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:



Report Date: 08/18/25

Title: Technical Director/Representative



Laboratory Control Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2102304-3 Analysis Date : 08/12/25 07:06 File ID : VQ250812C01
 LCSD Sample ID : WG2102304-4 Analysis Date : 08/12/25 07:30 File ID : VQ250812C02

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	11	110	10	9.8	98	12	70-130	20
1,2-Dichlorobenzene	10	10	100	10	9.1	91	9	70-130	20
1,3-Dichlorobenzene	10	11	110	10	9.2	92	18	70-130	20
1,4-Dichlorobenzene	10	10	100	10	9.1	91	9	70-130	20
Methyl tert butyl ether	10	7.7	77	10	7.3	73	5	63-130	20
p/m-Xylene	20	21	105	20	18	90	15	70-130	20
o-Xylene	20	20	100	20	18	90	11	70-130	20
cis-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20
Styrene	20	20	100	20	18	90	11	70-130	20
Dichlorodifluoromethane	10	11	110	10	9.7	97	13	36-147	20
Acetone	10	7.9	79	10	6.7	67	16	58-148	20
Carbon disulfide	10	9.9	99	10	9.0	90	10	51-130	20
2-Butanone	10	8.6	86	10	8.9	89	3	63-138	20
4-Methyl-2-pentanone	10	7.8	78	10	8.1	81	4	59-130	20
2-Hexanone	10	7.2	72	10	7.4	74	3	57-130	20
1,2-Dibromoethane	10	9.8	98	10	9.4	94	4	70-130	20
n-Butylbenzene	10	10	100	10	9.1	91	9	53-136	20
sec-Butylbenzene	10	11	110	10	9.0	90	20	70-130	20
tert-Butylbenzene	10	11	110	10	9.0	90	20	70-130	20
1,2-Dibromo-3-chloropropane	10	7.9	79	10	8.2	82	4	41-144	20
Isopropylbenzene	10	11	110	10	8.9	89	21 Q	70-130	20
p-Isopropyltoluene	10	10	100	10	8.8	88	13	70-130	20
Naphthalene	10	8.7	87	10	8.3	83	5	70-130	20
n-Propylbenzene	10	11	110	10	9.0	90	20	69-130	20
1,2,4-Trichlorobenzene	10	9.0	90	10	8.0	80	12	70-130	20
1,3,5-Trimethylbenzene	10	10	100	10	8.6	86	15	64-130	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101
 Lab Sample ID : L2548090-01
 Matrix Spike : WG2102304-6
 Matrix Spike Dup : WG2102304-7

Lab Number : L2548090
 Project Number : W96.013.001
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/12/25 13:55
 MS Analysis Date : 08/12/25 16:44
 MSD Analysis Date : 08/12/25 17:08

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	12	120	10	10	100	18	70-130	20
1,1-Dichloroethane	ND	10	11	110	10	10	100	10	70-130	20
Chloroform	ND	10	13	130	10	11	110	17	70-130	20
Carbon tetrachloride	ND	10	14	140 Q	10	12	120	15	63-132	20
1,2-Dichloropropane	ND	10	12	120	10	10	100	18	70-130	20
Dibromochloromethane	ND	10	12	120	10	9.7	97	21 Q	63-130	20
1,1,2-Trichloroethane	ND	10	12	120	10	10	100	18	70-130	20
Tetrachloroethene	ND	10	13	130	10	11	110	17	70-130	20
Chlorobenzene	ND	10	12	120	10	9.9	99	19	75-130	20
Trichlorofluoromethane	ND	10	13	130	10	11	110	17	62-150	20
1,2-Dichloroethane	ND	10	12	120	10	9.8	98	20	70-130	20
1,1,1-Trichloroethane	ND	10	14	140 Q	10	11	110	24 Q	67-130	20
Bromodichloromethane	ND	10	12	120	10	10	100	18	67-130	20
trans-1,3-Dichloropropene	ND	10	10	100	10	9.0	90	11	70-130	20
cis-1,3-Dichloropropene	ND	10	10	100	10	8.7	87	14	70-130	20
Bromoform	ND	10	10	100	10	8.8	88	13	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	12	120	10	11	110	9	67-130	20
Benzene	ND	10	13	130	10	11	110	17	70-130	20
Toluene	ND	10	12	120	10	10	100	18	70-130	20
Ethylbenzene	ND	10	12	120	10	10	100	18	70-130	20
Chloromethane	ND	10	14	140 Q	10	12	120	15	64-130	20
Bromomethane	ND	10	7.5	75	10	6.8	68	10	39-139	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101
 Lab Sample ID : L2548090-01
 Matrix Spike : WG2102304-6
 Matrix Spike Dup : WG2102304-7

Lab Number : L2548090
 Project Number : W96.013.001
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/12/25 13:55
 MS Analysis Date : 08/12/25 16:44
 MSD Analysis Date : 08/12/25 17:08

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	14	140	10	12	120	15	55-140	20
Chloroethane	ND	10	14	140 Q	10	12	120	15	55-138	20
1,1-Dichloroethene	ND	10	12	120	10	11	110	9	61-145	20
trans-1,2-Dichloroethene	ND	10	12	120	10	10	100	18	70-130	20
Trichloroethene	ND	10	13	130	10	11	110	17	70-130	20
1,2-Dichlorobenzene	ND	10	11	110	10	9.8	98	12	70-130	20
1,3-Dichlorobenzene	ND	10	11	110	10	9.8	98	12	70-130	20
1,4-Dichlorobenzene	ND	10	11	110	10	9.5	95	15	70-130	20
Methyl tert butyl ether	ND	10	9.8	98	10	8.7	87	12	63-130	20
p/m-Xylene	ND	20	24	120	20	20	100	18	70-130	20
o-Xylene	ND	20	23	115	20	19	95	19	70-130	20
cis-1,2-Dichloroethene	ND	10	13	130	10	11	110	17	70-130	20
Styrene	ND	20	24	120	20	20	100	18	70-130	20
Dichlorodifluoromethane	ND	10	13	130	10	11	110	17	36-147	20
Acetone	3.6J	10	16	160 Q	10	13	130	21 Q	58-148	20
Carbon disulfide	ND	10	12	120	10	11	110	9	51-130	20
2-Butanone	ND	10	10	100	10	9.4	94	6	63-138	20
4-Methyl-2-pentanone	ND	10	10	100	10	8.7	87	14	59-130	20
2-Hexanone	ND	10	9.1	91	10	7.7	77	17	57-130	20
1,2-Dibromoethane	ND	10	12	120	10	10	100	18	70-130	20
n-Butylbenzene	ND	10	11	110	10	9.4	94	16	53-136	20
sec-Butylbenzene	ND	10	11	110	10	9.6	96	14	70-130	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101
 Lab Sample ID : L2548090-01
 Matrix Spike : WG2102304-6
 Matrix Spike Dup : WG2102304-7

Lab Number : L2548090
 Project Number : W96.013.001
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/12/25 13:55
 MS Analysis Date : 08/12/25 16:44
 MSD Analysis Date : 08/12/25 17:08

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			
tert-Butylbenzene	ND	10	11	110	10	9.4	94	16	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	11	110	10	9.3	93	17	41-144	20
Isopropylbenzene	ND	10	11	110	10	9.2	92	18	70-130	20
p-Isopropyltoluene	ND	10	11	110	10	9.2	92	18	70-130	20
Naphthalene	ND	10	10	100	10	9.1	91	9	70-130	20
n-Propylbenzene	ND	10	11	110	10	9.4	94	16	69-130	20
1,2,4-Trichlorobenzene	ND	10	10	100	10	8.6	86	15	70-130	20
1,3,5-Trimethylbenzene	ND	10	10	100	10	9.0	90	11	64-130	20
1,2,4-Trimethylbenzene	ND	10	10	100	10	8.9	89	12	70-130	20
Methyl Acetate	ND	10	9.8	98	10	8.6	86	13	70-130	20
Cyclohexane	ND	10	13	130	10	11	110	17	70-130	20
Freon-113	ND	10	13	130	10	11	110	17	70-130	20
Methyl cyclohexane	ND	10	13	130	10	10	100	26 Q	70-130	20



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-01
 Client ID : MW-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 10:20
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 13:55
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-01
 Client ID : MW-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C18
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 10:20
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 13:55
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	3.6	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-01	Date Collected	: 07/31/25 10:20
Client ID	: MW-101	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 13:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250812C18	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-02
 Client ID : MW-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 14:19
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-02
 Client ID : MW-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 14:19
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	3.7	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-02	Date Collected	: 07/31/25 13:05
Client ID	: MW-102	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 14:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MCM
Lab File ID	: VQ250812C19	Instrument ID	: QUIMBY
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-04
 Client ID : VOC BLANK
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C20
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 14:05
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 14:44
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-04
 Client ID : VOC BLANK
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C20
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 14:05
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 14:44
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2548090
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2548090-04	Date Collected : 07/31/25 14:05
Client ID : VOC BLANK	Date Received : 07/31/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/12/25 14:44
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : MCM
Lab File ID : VQ250812C20	Instrument ID : QUIMBY
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-05
 Client ID : TRIP BLANK
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 00:00
 Date Received : 07/31/25
 Date Analyzed : 08/12/25 13:31
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2548090
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2548090-05	Date Collected : 07/31/25 00:00
Client ID : TRIP BLANK	Date Received : 07/31/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/12/25 13:31
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : MCM
Lab File ID : VQ250812C17	Instrument ID : QUIMBY
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.6	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2548090
Project Name : OLD ERIE COMMONS	Project Number : W96.013.001
Lab ID : L2548090-05	Date Collected : 07/31/25 00:00
Client ID : TRIP BLANK	Date Received : 07/31/25
Sample Location : 160 CENTER STREET, CANASTOTA, NY	Date Analyzed : 08/12/25 13:31
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : MCM
Lab File ID : VQ250812C17	Instrument ID : QUIMBY
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102304-5
 Client ID : WG2102304-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 08:42
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102304-5
 Client ID : WG2102304-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 08:42
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2102304-5
 Client ID : WG2102304-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VQ250812C05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 08:42
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : QUIMBY
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Initial Calibration Summary

Form 6

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : QUIMBY
 Calibration dates : 07/11/25 04:06 07/11/25 06:46

Lab Number : L2548090
 Project Number : W96.013.001
 Ical Ref : ICAL22464

Calibration Files

L11 =VQ250711A02.D L1 =VQ250711A03.D L2 =VQ250711A04.D L3 =VQ250711A05.D L4 =VQ250711A06.D
 L6 =VQ250711A07.D L8 =VQ250711A08.D L10 =VQ250711A09.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
43) TP 1,1-Dichloropr	0.230	0.293	0.242	0.253	0.244	0.250	0.247	0.251	7.98	
45) TP Benzene	0.703	0.761	0.894	0.755	0.783	0.735	0.747	0.727	0.763	7.62
46) TP Tertiary-Amyl Methyl Ether	0.498	0.554	0.484	0.500	0.487	0.494	0.500	0.502	4.73	
47) S 1,2-Dichloroethane-d4	0.286	0.279	0.284	0.276	0.276	0.285	0.285	0.299	0.284	2.64
48) T 1,2-Dichloroethane	0.247	0.274	0.288	0.246	0.249	0.237	0.238	0.240	0.252	7.43
51) TP Methyl cyclohe	0.286	0.375	0.326	0.344	0.340	0.352	0.353	0.339	8.20	
52) TP Trichloroethene	0.209	0.203	0.237	0.200	0.207	0.197	0.203	0.201	0.207	6.14
54) TP Dibromomethane	0.111	0.124	0.109	0.110	0.107	0.108	0.109	0.111	5.37	
55) TP 1,2-Dichloropr	0.188	0.221	0.191	0.197	0.186	0.188	0.186	0.194#	6.57	
57) TP 2-Chloroethyl	0.097	0.106	0.097	0.102	0.099	0.100	0.102	0.101	3.40	
58) TP Bromodichlorom	0.267	0.298	0.260	0.273	0.263	0.268	0.267	0.271#	4.65	
61) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.72	
62) TP cis-1,3-Dichloropropene	0.251	0.300	0.336	0.300	0.319	0.308	0.313	0.313	0.305	8.03
63) I Chlorobenzene-d5	-----ISTD-----									
64) S Toluene-d8	1.336	1.331	1.324	1.340	1.343	1.335	1.329	1.300	1.330	1.02
65) TP Toluene	0.669	0.762	0.660	0.678	0.641	0.658	0.633	0.672	6.35	
66) TP 4-Methyl-2-pen	0.056	0.061	0.057	0.059	0.058	0.060	0.060	0.059	2.72	
67) TP Tetrachloroethene	0.239	0.279	0.340	0.291	0.300	0.288	0.298	0.295	0.292	9.52
69) TP trans-1,3-Dichloropropene	0.264	0.312	0.355	0.339	0.361	0.350	0.357	0.351	0.336	9.77
71) TP Ethyl methacry	0.260	0.286	0.261	0.268	0.259	0.265	0.264	0.266	3.46	
72) TP 1,1,2-Trichlor	0.176	0.191	0.174	0.175	0.165	0.167	0.165	0.173#	5.24	
73) TP Chlorodibromom	0.236	0.270	0.255	0.270	0.265	0.269	0.267	0.262	4.84	
74) TP 1,3-Dichloropr	0.356	0.395	0.357	0.364	0.343	0.344	0.338	0.357	5.41	
75) TP 1,2-Dibromoethane	0.197	0.221	0.202	0.207	0.198	0.201	0.199	0.204	4.08	
77) TP 2-Hexanone	0.116	0.111	0.098	0.099	0.095	0.099	0.099	0.102	7.53	
78) TP Chlorobenzene	0.788	0.888	0.762	0.783	0.732	0.750	0.723	0.775	7.12	
79) TP Ethylbenzene	1.266	1.505	1.296	1.329	1.259	1.290	1.232	1.311	6.94	
80) TP 1,1,1,2-Tetrac	0.267	0.301	0.274	0.290	0.278	0.287	0.280	0.282	3.97	
81) TP p/m Xylene	0.489	0.586	0.508	0.525	0.497	0.505	0.482	0.513	6.84	
82) TP o Xylene	0.484	0.571	0.496	0.516	0.486	0.494	0.468	0.502	6.72	
83) TP Styrene	0.770	0.933	0.836	0.873	0.830	0.830	0.781	0.836	6.57	
84) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
85) TP Bromoform	0.247	0.279	0.262	0.284	0.284	0.292	0.309	0.279	7.22	
87) TP Isopropylbenzene	2.126	2.609	2.251	2.278	2.168	2.229	2.221	2.269	6.99	
88) S 4-Bromofluorobenzene	0.874	0.876	0.866	0.849	0.840	0.840	0.835	0.853	0.854	1.87
89) TP Bromobenzene	0.627	0.678	0.584	0.587	0.554	0.566	0.580	0.597	7.16	



Evaluate Continuing Calibration Report

Data Path : K:\Quimby\2025\250711ical\
 Data File : VQ250711A17.D
 Acq On : 11 Jul 2025 10:08 am
 Operator : QUIMBY:MCM
 Sample : C8260STD10ppb
 Misc : WG2090232
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 11 10:34:38 2025
 Quant Method : K:\Quimby\2025\250711ical\VQ_250711_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Jul 11 07:25:50 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 S	1,2-Dichloroethane-d4	0.284	0.274	3.5	98	0.00
48 T	1,2-Dichloroethane	0.252	0.247	2.0	99	0.00
51 TP	Methyl cyclohexane	0.339	0.335	1.2	101	0.00
52 TP	Trichloroethene	0.207	0.208	-0.5	102	0.00
54 TP	Dibromomethane	0.111	0.110	0.9	99	0.00
55 TP	1,2-Dichloropropane	0.194	0.199#	-2.6	102	0.00
57 TP	2-Chloroethyl vinyl ether	0.101	0.096	5.0	98	0.00
58 TP	Bromodichloromethane	0.271	0.259#	4.4	98	0.00
61 TP	1,4-Dioxane	0.00127	0.00123#	3.1	95	0.00
62 TP	cis-1,3-Dichloropropene	0.305	0.304	0.3	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 S	Toluene-d8	1.330	1.330	0.0	98	0.00
65 TP	Toluene	0.672	0.694	-3.3	104	0.00
66 TP	4-Methyl-2-pentanone	0.059	0.051	13.6	89	0.00
67 TP	Tetrachloroethene	0.292	0.308	-5.5	105	0.00
69 TP	trans-1,3-Dichloropropene	0.336	0.336	0.0	98	0.00
71 TP	Ethyl methacrylate	0.266	0.256	3.8	97	0.00
72 TP	1,1,2-Trichloroethane	0.173	0.171#	1.2	97	0.00
73 TP	Chlorodibromomethane	0.262	0.262	0.0	102	0.00
74 TP	1,3-Dichloropropane	0.357	0.362	-1.4	100	0.00
75 TP	1,2-Dibromoethane	0.204	0.202	1.0	99	0.00
77 TP	2-Hexanone	0.102	0.086	15.7	87	0.00
78 TP	Chlorobenzene	0.775	0.790	-1.9	103	0.00
79 TP	Ethylbenzene	1.311	1.347	-2.7	103	0.00
80 TP	1,1,1,2-Tetrachloroethane	0.282	0.271	3.9	98	0.00
81 TP	p/m Xylene	0.513	0.536	-4.5	105	0.00
82 TP	o Xylene	0.502	0.514	-2.4	103	0.00
83 TP	Styrene	0.836	0.864	-3.3	102	0.00
84 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
85 TP	Bromoform	0.279	0.258	7.5	98	0.00
87 TP	Isopropylbenzene	2.269	2.329	-2.6	103	0.00
88 S	4-Bromofluorobenzene	0.854	0.836	2.1	98	0.00
89 TP	Bromobenzene	0.597	0.615	-3.0	104	0.00
90 TP	n-Propylbenzene	2.659	2.812	-5.8	105	0.00
91 TP	1,4-Dichlorobutane	0.592	0.596	-0.7	103	0.00
92 TP	1,1,2,2-Tetrachloroethane	0.398	0.391	1.8	99	0.00
93 TP	4-Ethyltoluene	2.271	2.450	-7.9	108	0.00

Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : QUIMBY
 Lab File ID : VQ250812C01
 Sample No : WG2102304-2
 Channel :

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/12/25 07:06
 Init. Calib. Date(s) : 07/11/25 07/11/25
 Init. Calib. Times : 04:06 06:46

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	105	0
Dichlorodifluoromethane	0.236	0.263	-	-11.4	20	120	0
Chloromethane	0.21	0.253	-	-20.5*	20	129	-.02
Vinyl chloride	0.22	0.256	-	-16.4	20	119	0
Bromomethane	0.131	0.082	-	37.4*	20	68	0
Chloroethane	0.132	0.151	-	-14.4	20	120	0
Trichlorofluoromethane	0.324	0.326	-	-0.6	20	109	0
Ethyl ether	0.113	0.098	-	13.3	20	93	0
1,1-Dichloroethene	0.175	0.163	-	6.9	20	102	0
Carbon disulfide	0.49	0.485	-	1	20	107	0
Freon-113	0.182	0.173	-	4.9	20	102	0
Methylene chloride	0.203	0.195	-	3.9	20	106	0
Acetone	10	7.909	-	20.9*	20	93	0
trans-1,2-Dichloroethene	0.184	0.18	-	2.2	20	107	0
Methyl acetate	0.096	0.081	-	15.6	20	90	0
Methyl tert-butyl ether	0.564	0.434	-	23*	20	82	0
tert-Butyl alcohol	0.01225	0.00787*	-	35.8*	20	68	0
Diisopropyl ether	0.657	0.646	-	1.7	20	108	0
1,1-Dichloroethane	0.383	0.375	-	2.1	20	107	0
Halothane	0.145	0.135	-	6.9	20	101	0
Acrylonitrile	0.051	0.044	-	13.7	20	94	0
Ethyl tert-butyl ether	0.563	0.523	-	7.1	20	102	0
Vinyl acetate	0.365	0.311	-	14.8	20	96	0
cis-1,2-Dichloroethene	0.21	0.23	-	-9.5	20	118	0
2,2-Dichloropropane	0.299	0.306	-	-2.3	20	110	0
Bromochloromethane	0.103	0.108	-	-4.9	20	112	0
Cyclohexane	0.316	0.371	-	-17.4	20	128	0
Chloroform	0.35	0.377	-	-7.7	20	119	0
Ethyl acetate	0.133	0.101	-	24.1*	20	86	0
Carbon tetrachloride	0.265	0.294	-	-10.9	20	118	0
Tetrahydrofuran	0.047	0.035	-	25.5*	20	80	0
Dibromofluoromethane	0.261	0.258	-	1.1	20	106	0
1,1,1-Trichloroethane	0.307	0.328	-	-6.8	20	115	0
2-Butanone	0.054	0.046	-	14.8	20	89	0
1,1-Dichloropropene	0.251	0.265	-	-5.6	20	116	0
Benzene	0.763	0.852	-	-11.7	20	119	0
tert-Amyl methyl ether	0.502	0.397	-	20.9*	20	87	0
1,2-Dichloroethane-d4	0.284	0.269	-	5.3	20	103	0
1,2-Dichloroethane	0.252	0.239	-	5.2	20	102	0
Methyl cyclohexane	0.339	0.368	-	-8.6	20	119	0
Trichloroethene	0.207	0.224	-	-8.2	20	118	0
Dibromomethane	0.111	0.104	-	6.3	20	100	0
1,2-Dichloropropane	0.194	0.199*	-	-2.6	20	110	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : QUIMBY
 Lab File ID : VQ250812C01
 Sample No : WG2102304-2
 Channel :

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/12/25 07:06
 Init. Calib. Date(s) : 07/11/25 07/11/25
 Init. Calib. Times : 04:06 06:46

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2-Chloroethyl vinyl ether	0.101	0.079	-	21.8*	20	86	0
Bromodichloromethane	0.271	0.255*	-	5.9	20	103	0
1,4-Dioxane	0.00127	0.00122*	-	3.9	20	101	0
cis-1,3-Dichloropropene	0.305	0.285*	-	6.6	20	100	0
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.33	1.371	-	-3.1	20	105	0
Toluene	0.672	0.738	-	-9.8	20	115	0
4-Methyl-2-pentanone	0.059	0.046	-	22*	20	82	0
Tetrachloroethene	0.292	0.319	-	-9.2	20	112	0
trans-1,3-Dichloropropene	0.336	0.313	-	6.8	20	95	0
Ethyl methacrylate	0.266	0.214	-	19.5	20	84	0
1,1,2-Trichloroethane	0.173	0.174*	-	-0.6	20	103	0
Chlorodibromomethane	0.262	0.235	-	10.3	20	95	0
1,3-Dichloropropane	0.357	0.364	-	-2	20	105	0
1,2-Dibromoethane	0.204	0.199*	-	2.5	20	101	0
2-Hexanone	0.102	0.073	-	28.4*	20	77	0
Chlorobenzene	0.775	0.804	-	-3.7	20	108	0
Ethylbenzene	1.311	1.408	-	-7.4	20	112	0
1,1,1,2-Tetrachloroethane	0.282	0.276	-	2.1	20	103	0
p/m Xylene	0.513	0.545	-	-6.2	20	110	0
o Xylene	0.502	0.514	-	-2.4	20	106	0
Styrene	0.836	0.859	-	-2.8	20	105	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
Bromoform	0.279	0.22	-	21.1*	20	85	0
Isopropylbenzene	2.269	2.411	-	-6.3	20	109	0
4-Bromofluorobenzene	0.854	0.844	-	1.2	20	101	0
Bromobenzene	0.597	0.594	-	0.5	20	103	0
n-Propylbenzene	2.659	2.857	-	-7.4	20	110	0
1,4-Dichlorobutane	0.592	0.597	-	-0.8	20	105	0
1,1,2,2-Tetrachloroethane	0.398	0.424	-	-6.5	20	110	0
4-Ethyltoluene	2.271	2.368	-	-4.3	20	107	0
2-Chlorotoluene	1.886	2.026	-	-7.4	20	111	0
1,3,5-Trimethylbenzene	1.987	2.013	-	-1.3	20	102	0
1,2,3-Trichloropropane	0.339	0.331	-	2.4	20	102	0
trans-1,4-Dichloro-2-buten	0.111	0.1	-	9.9	20	95	0
4-Chlorotoluene	1.683	1.806	-	-7.3	20	109	0
tert-Butylbenzene	1.663	1.767	-	-6.3	20	108	0
1,2,4-Trimethylbenzene	1.968	1.992	-	-1.2	20	102	0
sec-Butylbenzene	2.391	2.557	-	-6.9	20	108	0
p-Isopropyltoluene	2.11	2.191	-	-3.8	20	104	0
1,3-Dichlorobenzene	1.128	1.203	-	-6.6	20	110	0
1,4-Dichlorobenzene	1.147	1.197	-	-4.4	20	108	0
p-Diethylbenzene	1.242	1.258	-	-1.3	20	102	0

* Value outside of QC limits.



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2098100-2 Analysis Date : 08/04/25 10:34 File ID : 098100-2
 LCSD Sample ID : WG2098100-3 Analysis Date : 08/04/25 10:57 File ID : 098100-3

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	14.	70	20	18.	90	25	39-129	30
2,4,6-Trichlorophenol	20	14.	73	20	17.	85	15	30-130	30
p-Chloro-m-cresol	20	15.	76	20	19.	95	22	23-97	30
2-Chlorophenol	20	12.	63	20	16.	78	21	27-123	30
2,4-Dichlorophenol	20	14.	71	20	17.	86	19	30-130	30
2,4-Dimethylphenol	20	6.6	33	20	9.3	46	33 Q	30-130	30
2-Nitrophenol	20	16.	79	20	19.	94	17	30-130	30
4-Nitrophenol	20	13.	64	20	15.	73	13	10-80	30
2,4-Dinitrophenol	20	15.	77	20	17.	85	10	20-130	30
4,6-Dinitro-o-cresol	20	18.	89	20	20.	101	13	20-164	30
Phenol	20	6.8	34	20	7.9	40	16	12-110	30
2-Methylphenol	20	12.	58	20	15.	74	24	30-130	30
3-Methylphenol/4-Methylphenol	20	12.	61	20	15.	74	19	30-130	30
2,4,5-Trichlorophenol	20	16.	78	20	20.	99	24	30-130	30
Carbazole	20	15.	74	20	17.	84	13	55-144	30
Atrazine	20	15.	75	20	18.	91	19	40-140	30
Benzaldehyde	20	15.	73	20	17.	87	18	40-140	30
Caprolactam	20	6.7	33	20	6.7	34	3	10-130	30
2,3,4,6-Tetrachlorophenol	20	15.	74	20	18.	92	22	40-140	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101
 Lab Sample ID : L2548090-01
 Matrix Spike : WG2098100-4
 Matrix Spike Dup : WG2098100-5

Lab Number : L2548090
 Project Number : W96.013.001
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/05/25 18:24
 MS Analysis Date : 08/05/25 18:46
 MSD Analysis Date : 08/05/25 19:09

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			
Bis(2-chloroethyl)ether	ND	20	14.	70	20	12.	60	15	40-140	30
3,3'-Dichlorobenzidine	ND	20	4.5J	23 Q	20	5.3	27 Q	16	40-140	30
2,4-Dinitrotoluene	ND	20	16.	80	20	18.	90	12	48-143	30
2,6-Dinitrotoluene	ND	20	18.	90	20	18.	90	0	40-140	30
4-Chlorophenyl phenyl ether	ND	20	14.	70	20	14.	70	0	40-140	30
4-Bromophenyl phenyl ether	ND	20	14.	70	20	15.	75	7	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	9.3	47	20	8.5	43	9	40-140	30
Bis(2-chloroethoxy)methane	ND	20	13.	65	20	13.	65	0	40-140	30
Hexachlorocyclopentadiene	ND	20	10.J	50	20	9.4J	47	6	40-140	30
Isophorone	ND	20	15.	75	20	14.	70	7	40-140	30
Nitrobenzene	ND	20	14.	70	20	14.	70	0	40-140	30
NDPA/DPA	ND	20	14.	70	20	15.	75	7	40-140	30
n-Nitrosodi-n-propylamine	ND	20	13.	65	20	12.	60	8	29-132	30
Bis(2-ethylhexyl)phthalate	ND	20	19.	95	20	20.	100	5	40-140	30
Butyl benzyl phthalate	ND	20	20.	100	20	20.	100	0	40-140	30
Di-n-butylphthalate	ND	20	18.	90	20	17.	85	6	40-140	30
Di-n-octylphthalate	ND	20	21.	110	20	21.	110	0	40-140	30
Diethyl phthalate	ND	20	15.	75	20	15.	75	0	40-140	30
Dimethyl phthalate	ND	20	15.	75	20	15.	75	0	40-140	30
Biphenyl	ND	20	14.	70	20	14.	70	0	40-140	30
4-Chloroaniline	ND	20	9.5	48	20	8.3	42	13	40-140	30
2-Nitroaniline	ND	20	20.	100	20	20.	100	0	52-143	30



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-01
 Client ID : MW-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 48090-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 10:20
 Date Received : 07/31/25
 Date Analyzed : 08/05/25 18:24
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-01
 Client ID : MW-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 48090-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 10:20
 Date Received : 07/31/25
 Date Analyzed : 08/05/25 18:24
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	0.94	5.0	0.35	J
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	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-01	Date Collected	: 07/31/25 10:20
Client ID	: MW-101	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 18:24
Sample Matrix	: WATER	Date Extracted	: 08/02/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 48090-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-02
 Client ID : MW-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 48090-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/05/25 19:31
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-02
 Client ID : MW-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 48090-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/05/25 19:31
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-02	Date Collected	: 07/31/25 13:05
Client ID	: MW-102	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/05/25 19:31
Sample Matrix	: WATER	Date Extracted	: 08/02/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 48090-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098100-1
 Client ID : WG2098100-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 098100-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/04/25 10:12
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098100-1
 Client ID : WG2098100-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 098100-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/04/25 10:12
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098100-1
 Client ID : WG2098100-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 098100-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/04/25 10:12
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : SLR
 Instrument ID : SV112
 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



Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250313RVTical\
 Data File : AP9ICV.D
 Acq On : 13 Mar 2025 09:00 pm
 Operator : SV112:ljj
 Sample : CQICV2,32,,AP9ICV Lot# 11453
 Misc : WG2040627
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 14 09:42:04 2025
 Quant Method : I:\8270\SV112\250313RVTical\FS250313SV112RVT.m
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Fri Mar 14 08:13:03 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

27 I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
28 T	Benzaldehyde	0.954	1.194	-25.2#	111	0.00
29 T	Acetophenone	1.731	2.109	-21.8#	114	0.00
30 T	m-Toluidine	1.562	2.020	-29.3#	114	0.00
31 T	2-Chloroaniline	1.509	1.890	-25.2#	113	0.00
55 I	IS2_Naphthalene-d8	1.000	1.000	0.0	92	0.00
56 T	a-Terpineol	0.253	0.304	-20.2#	113	0.00
57 T	3-Chloroaniline	0.130	0.169	-30.0#	108	0.00
58 T	2,6-Dichlorophenol	0.285	0.350	-22.8#	116	0.00
59 T	1-chloro-2-nitrobenzene	0.138	0.162	-17.4	111	0.00
60 T	Caprolactam	* 5.000	5.099	-2.0	112	0.00
61 T	1,2,4,5-Tetrachlorobenzene	0.438	0.509	-16.2	108	0.00
62 T	Biphenyl	0.890	1.061	-19.2	112	0.00
83 I	IS2_Acenaphthene-d10	1.000	1.000	0.0	88	0.00
84 T	Dichloran	0.183	0.210	-14.8	109	0.00
85 T	Pentachloronitrobenzene	0.195	0.243	-24.6#	108	0.00
98 I	IS2_Phenanthrene-d10	1.000	1.000	0.0	86	0.00
99 T	Diphenamid	0.446	0.568	-27.4#	112	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV112
 Lab File ID : ABN0804B
 Sample No : WG2098646-3
 Channel :

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/04/25 08:29
 Init. Calib. Date(s) : 03/13/25 03/14/25
 Init. Calib. Times : 13:47 00:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	109	0
n-Nitrosodimethylamine	0.695	0.644	-	7.3	20	98	0
Pyridine	1.215	1.132	-	6.8	20	102	0
2-Fluorophenol	1.083	1.064	-	1.8	20	107	0
Aniline	1.77	1.787	-	-1	20	104	0
2-Chlorophenol	1.247	1.125	-	9.8	20	101	0
Phenol-d6	1.35	1.31	-	3	20	106	0
Phenol	1.592	1.423	-	10.6	20	98	0
Bis(2-chloroethyl)ether	1.152	1.06	-	8	20	100	0
1,3-Dichlorobenzene	1.473	1.306	-	11.3	20	101	0
1,4-Dichlorobenzene	1.525	1.348	-	11.6	20	100	0
1,2-Dichlorobenzene	1.463	1.299	-	11.2	20	102	0
Benzyl alcohol	0.972	0.987	-	-1.5	20	112	0
Bis(2-chloroisopropyl)ethe	1.674	1.085	-	35.2*	20	73	0
2-Methylphenol	1.055	1.05	-	0.5	20	108	0
Hexachloroethane	0.561	0.517	-	7.8	20	105	0
n-Nitrosodi-n-propylamine	0.904	0.838	-	7.3	20	102	0
3-Methylphenol/4-Methylphe	1.169	1.113	-	4.8	20	108	0
Nitrobenzene-d5	1.275	1.232	-	3.4	20	105	0
Nitrobenzene	1.302	1.211	-	7	20	102	0
Isophorone	2.405	2.332	-	3	20	106	0
2-Nitrophenol	0.593	0.687	-	-15.9	20	123	0
2,4-Dimethylphenol	1.237	1.297	-	-4.9	20	114	0
Bis(2-chloroethoxy)methane	1.616	1.442	-	10.8	20	102	0
2,4-Dichlorophenol	1.135	1.193	-	-5.1	20	113	0
1,2,4-Trichlorobenzene	1.44	1.341	-	6.9	20	107	0
IS1_Naphthalene-d8	1	1	-	0	20	116	0
Naphthalene	1.025	0.864	-	15.7	20	102	0
Benzoic Acid	5	3.94	-	21.2*	20	107	0
4-Chloroaniline	0.128	0.122	-	4.7	20	109	0
Hexachlorobutadiene	0.261	0.256	-	1.9	20	120	0
p-Chloro-m-cresol	0.287	0.303	-	-5.6	20	123	0
2-Methylnaphthalene	0.638	0.553	-	13.3	20	105	0
1-Methylnaphthalene	0.244	0.24	-	1.6	20	118	0
Hexachlorocyclopentadiene	0.315	0.317	-	-0.6	20	119	0
2,4,6-Trichlorophenol	0.27	0.268	-	0.7	20	118	0
2,4,5-Trichlorophenol	0.273	0.285	-	-4.4	20	118	0
2-Fluorobiphenyl	0.916	0.791	-	13.6	20	104	0
2-Chloronaphthalene	0.748	0.679	-	9.2	20	108	0
2-Nitroaniline	0.202	0.235	-	-16.3	20	131	0
1,4-Dinitrobenzene	0.11	0.121	-	-10	20	128	0
1,3-Dinitrobenzene	0.123	0.143	-	-16.3	20	133	0
Dimethyl phthalate	0.959	0.908	-	5.3	20	113	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : SV112
 Lab File ID : ABN0805
 Sample No : WG2099237-3
 Channel :

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/05/25 10:41
 Init. Calib. Date(s) : 03/13/25 03/14/25
 Init. Calib. Times : 13:47 00:48

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
n-Nitrosodimethylamine	0.695	0.619	-	10.9	20	81	0
Pyridine	1.215	1.021	-	16	20	78	0
2-Fluorophenol	1.083	1.029	-	5	20	88	0
Aniline	1.77	1.751	-	1.1	20	87	0
2-Chlorophenol	1.247	1.218	-	2.3	20	93	0
Phenol-d6	1.35	1.348	-	0.1	20	93	0
Phenol	1.592	1.396	-	12.3	20	82	0
Bis(2-chloroethyl)ether	1.152	1.008	-	12.5	20	81	0
1,3-Dichlorobenzene	1.473	1.322	-	10.3	20	87	0
1,4-Dichlorobenzene	1.525	1.359	-	10.9	20	86	0
1,2-Dichlorobenzene	1.463	1.286	-	12.1	20	86	0
Benzyl alcohol	0.972	0.977	-	-0.5	20	95	0
Bis(2-chloroisopropyl)ethe	1.674	0.979	-	41.5*	20	56	0
2-Methylphenol	1.055	1.076	-	-2	20	94	0
Hexachloroethane	0.561	0.52	-	7.3	20	90	0
n-Nitrosodi-n-propylamine	0.904	0.772	-	14.6	20	80	0
3-Methylphenol/4-Methylphe	1.169	1.121	-	4.1	20	92	0
Nitrobenzene-d5	1.275	1.177	-	7.7	20	85	0
Nitrobenzene	1.302	1.186	-	8.9	20	85	0
Isophorone	2.405	2.276	-	5.4	20	88	0
2-Nitrophenol	0.593	0.716	-	-20.7*	20	109	0
2,4-Dimethylphenol	1.237	1.288	-	-4.1	20	97	0
Bis(2-chloroethoxy)methane	1.616	1.436	-	11.1	20	87	0
2,4-Dichlorophenol	1.135	1.216	-	-7.1	20	98	0
1,2,4-Trichlorobenzene	1.44	1.306	-	9.3	20	89	0
IS1_Naphthalene-d8	1	1	-	0	20	99	0
Naphthalene	1.025	0.888	-	13.4	20	89	0
Benzoic Acid	5	4.617	-	7.7	20	109	0
4-Chloroaniline	0.128	0.117	-	8.6	20	88	0
Hexachlorobutadiene	0.261	0.256	-	1.9	20	102	0
p-Chloro-m-cresol	0.287	0.31	-	-8	20	107	0
2-Methylnaphthalene	0.638	0.562	-	11.9	20	90	0
1-Methylnaphthalene	0.244	0.242	-	0.8	20	101	0
Hexachlorocyclopentadiene	0.315	0.315	-	0	20	100	0
2,4,6-Trichlorophenol	0.27	0.284	-	-5.2	20	106	0
2,4,5-Trichlorophenol	0.273	0.311	-	-13.9	20	109	0
2-Fluorobiphenyl	0.916	0.823	-	10.2	20	92	0
2-Chloronaphthalene	0.748	0.683	-	8.7	20	92	0
2-Nitroaniline	0.202	0.246	-	-21.8*	20	117	0
1,4-Dinitrobenzene	0.11	0.131	-	-19.1	20	119	0
1,3-Dinitrobenzene	0.123	0.141	-	-14.6	20	111	0
Dimethyl phthalate	0.959	0.95	-	0.9	20	101	0

* Value outside of QC limits.



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101
 Lab Sample ID : L2548090-01
 Matrix Spike : WG2098101-4
 Matrix Spike Dup : WG2098101-5

Lab Number : L2548090
 Project Number : W96.013.001
 Matrix (Level) : WATER (LOW)
 Analysis Date : 08/03/25 03:51
 MS Analysis Date : 08/03/25 03:18
 MSD Analysis Date : 08/03/25 03:34

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			
Acenaphthene	0.15	20	15	74	20	15	74	0	40-140	40
2-Chloronaphthalene	ND	20	15	75	20	15	75	0	40-140	40
Fluoranthene	0.08J	20	17	85	20	17	85	0	40-140	40
Hexachlorobutadiene	ND	20	12	60	20	13	65	8	40-140	40
Naphthalene	0.03J	20	14	70	20	14	70	0	40-140	40
Benzo(a)anthracene	0.04J	20	17	85	20	17	85	0	40-140	40
Benzo(a)pyrene	ND	20	20	100	20	21	110	5	40-140	40
Benzo(b)fluoranthene	ND	20	20	100	20	21	110	5	40-140	40
Benzo(k)fluoranthene	ND	20	18	90	20	18	90	0	40-140	40
Chrysene	ND	20	16	80	20	16	80	0	40-140	40
Acenaphthylene	ND	20	17	85	20	16	80	6	40-140	40
Anthracene	0.05J	20	16	80	20	16	80	0	40-140	40
Benzo(ghi)perylene	ND	20	21	110	20	22	110	5	40-140	40
Fluorene	0.04J	20	16	80	20	16	80	0	40-140	40
Phenanthrene	0.15	20	15	74	20	16	79	6	40-140	40
Dibenzo(a,h)anthracene	ND	20	20	100	20	20	100	0	40-140	40
Indeno(1,2,3-cd)pyrene	ND	20	25	130	20	26	130	4	40-140	40
Pyrene	0.07J	20	17	85	20	17	85	0	40-140	40
2-Methylnaphthalene	0.03J	20	15	75	20	15	75	0	40-140	40
Pentachlorophenol	0.26J	20	24	120	20	24	120	0	40-140	40
Hexachlorobenzene	ND	20	16	80	20	16	80	0	40-140	40
Hexachloroethane	ND	20	13	65	20	13	65	0	40-140	40



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-01
 Client ID : MW-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 48090-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 10:20
 Date Received : 07/31/25
 Date Analyzed : 08/03/25 03:51
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.15	0.10	0.02	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.08	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.03	0.10	0.02	J
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.05	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.04	0.10	0.03	J
85-01-8	Phenanthrene	0.15	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.07	0.10	0.04	J
91-57-6	2-Methylnaphthalene	0.03	0.10	0.03	J
87-86-5	Pentachlorophenol	0.26	0.80	0.06	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-02
 Client ID : MW-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 48090-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/03/25 05:33
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.06	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.04	0.10	0.02	J
56-55-3	Benzo(a)anthracene	0.04	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.04	0.10	0.03	J
85-01-8	Phenanthrene	0.20	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.05	0.10	0.04	J
91-57-6	2-Methylnaphthalene	0.04	0.10	0.03	J
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098101-1
 Client ID : WG2098101-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 098101-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/03/25 03:01
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : JJW
 Instrument ID : SV120
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-01	Date Collected	: 07/31/25 10:20
Client ID	: MW-101	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 13:57
Sample Matrix	: WATER	Date Extracted	: 08/07/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F508122514	Analyst	: DB
Sample Amount	: 280 ml	Instrument ID	: PAH5
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	104.	268	30.3	J



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-02	Date Collected	: 07/31/25 13:05
Client ID	: MW-102	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 15:27
Sample Matrix	: WATER	Date Extracted	: 08/07/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: F508122517	Analyst	: DB
Sample Amount	: 280 ml	Instrument ID	: PAH5
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 2500 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	147.	268	30.3	J



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100241-1
 Client ID : WG2100241-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : F508122510
 Sample Amount : 250 ml
 Extraction Method : EPA 3510C
 Extract Volume : 2500 uL
 GPC Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 12:07
 Date Extracted : 08/07/25
 Dilution Factor : 1
 Analyst : DB
 Instrument ID : PAH5
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	117.	300	33.9	J



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2548090-01
Client ID : MW-101
Sample Location : 160 CENTER STREET, CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,8151A
Lab File ID : 15250804a-07
Sample Amount : 1000 ml
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2548090
Project Number : W96.013.001
Date Collected : 07/31/25 10:20
Date Received : 07/31/25
Date Analyzed : 08/04/25 08:46
Date Extracted : 08/02/25
Dilution Factor : 1
Analyst : AKM
Instrument ID : PEST15
GC Column : STX-CLP1
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-02	Date Collected	: 07/31/25 13:05
Client ID	: MW-102	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/04/25 09:44
Sample Matrix	: WATER	Date Extracted	: 08/02/25
Analytical Method	: 1,8151A	Dilution Factor	: 1
Lab File ID	: 15250804a-10	Analyst	: EJL
Sample Amount	: 1000 ml	Instrument ID	: PEST15
Extraction Method	: EPA 8151A	GC Column	: STX-CLP1
Extract Volume	: 10000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098255-1
 Client ID : WG2098255-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 15250804a-02
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/04/25 07:09
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : EJJ
 Instrument ID : PEST15
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-01
 Client ID : MW-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2250804a-57
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 10:20
 Date Received : 07/31/25
 Date Analyzed : 08/05/25 00:01
 Date Extracted : 08/04/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-02
 Client ID : MW-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2250804a-60
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/05/25 00:29
 Date Extracted : 08/04/25
 Dilution Factor : 1
 Analyst : EMR
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2098331-1
 Client ID : WG2098331-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : P2250803a-28
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/03/25 14:50
 Date Extracted : 08/03/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST2
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.013	U
11104-28-2	Aroclor 1221	ND	0.071	0.015	U
11141-16-5	Aroclor 1232	ND	0.071	0.015	U
53469-21-9	Aroclor 1242	ND	0.071	0.015	U
12672-29-6	Aroclor 1248	ND	0.071	0.015	U
11097-69-1	Aroclor 1254	ND	0.071	0.015	U
11096-82-5	Aroclor 1260	ND	0.071	0.015	U
37324-23-5	Aroclor 1262	ND	0.071	0.015	U
11100-14-4	Aroclor 1268	ND	0.071	0.015	U
1336-36-3	PCBs, Total	ND	0.071	0.013	U



Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2025\250612I\
 Data File : P2250612i-19.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jun 2025 11:17 pm
 Operator : pest2:AD
 Sample : cicv4268,42e,,pp 12074 L250ICVRVT
 Misc : WG2078999,
 ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 12:22:31 2025
 Quant Method : I:\PCB\Pest2\2025\250612I\P2_PCB_06_12_25_iRVT_ICAL.m
 Quant Title : pcb
 QLast Update : Sat Jun 14 12:20:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase:
 Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
23 i	4268_1br2nb	1.000	1.000	0.0	92	0.00
24 l6	1242-1	0.019	0.020	-5.3	99	0.00
25 l6	1242-2	0.043	0.044	-2.3	94	0.00
26 l6	1242-3	0.085	0.089	-4.7	96	0.00
27 l6	1242-4	0.035	0.036	-2.9	95	0.00
28 l6	1242-5	0.025	0.026	-4.0	97	0.00
29 l9	1268-1	0.184	0.189	-2.7	95	0.00
30 l9	1268-2	0.193	0.176	8.8	84	0.00
31 l9	1268-3	0.134	0.144	-7.5	99	0.00
32 l9	1268-4	0.054	0.062	-14.8	105	0.00
33 l9	1268-5	0.369	0.445	-20.6#	111	0.00

Signal #2

23 i	4268_1br2nb	1.000	1.000	0.0	100	0.00
24 l6	1242-1	0.019	0.019	0.0	96	0.00
25 l6	1242-2	0.043	0.042	2.3	99	0.00
26 l6	1242-3	0.086	0.087	-1.2	102	0.00
27 l6	1242-4	0.033	0.034	-3.0	101	0.00
28 l6	1242-5	0.028	0.026	7.1	92	0.00
29 l9	1268-1	0.184	0.164	10.9	89	0.00
30 l9	1268-2	0.184	0.148	19.6	80	0.00
31 l9	1268-3	0.129	0.121	6.2	93	0.00
32 l9	1268-4	0.053	0.053	0.0	100	0.00
33 l9	1268-5	0.344	0.353	-2.6	102	0.00

Evaluate Continuing Calibration Report - Not Found

1 i 1660_1br2nb ^ 1.000 1.000 0.0 0 -1.17#

Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest2\2025\250612I\
 Data File : P2250612i-23.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jun 2025 11:55 pm
 Operator : pest2:AD
 Sample : cicv1660,42e,,pp 12070 L250ICVRVT
 Misc : WG2078999, (Sig #1); (Sig #2)
 ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 12:29:56 2025
 Quant Method : I:\PCB\Pest2\2025\250612I\P2_PCB_06_12_25_iRVT_ICAL.m
 Quant Title : pcb
 QLast Update : Sat Jun 14 12:20:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase:
 Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
1 i	1660_1br2nb	^	1.000	1.000	0.0	100	0.00
2 s	2,4,5,6-Tetrachloro-m-xyl		1.469	1.181	19.6	81	0.00
3 s	Decachlorobiphenyl		1.234	0.948	23.2#	81	0.00
4 l1	1016-1		0.026	0.025	3.8	100	0.00
5 l1	1016-2		0.059	0.055	6.8	98	0.00
6 l1	1016-3		0.115	0.111	3.5	97	0.00
7 l1	1016-4		0.048	0.045	6.3	98	0.00
8 l1	1016-5		0.053	0.047	11.3	96	0.00
9 l2	1260-1		0.071	0.068	4.2	102	0.00
10 l2	1260-2		0.113	0.103	8.8	98	0.00
11 l2	1260-3		0.057	0.065	-14.0	117	0.00
12 l2	1260-4		0.120	0.142	-18.3	118	0.00
13 l2	1260-5		0.091	0.101	-11.0	111	0.00

Signal #2

1 i	1660_1br2nb	^	1.000	1.000	0.0	100	0.00
2 s	2,4,5,6-Tetrachloro-m-xyl		1.465	1.192	18.6	80	-0.04
3 s	Decachlorobiphenyl		1.062	0.765	28.0#	81	0.00
4 l1	1016-1		0.024	0.023	4.2	103	0.00
5 l1	1016-2		0.058	0.052	10.3	97	0.00
6 l1	1016-3		0.119	0.108	9.2	97	0.00
7 l1	1016-4		0.048	0.041	14.6	97	0.00
8 l1	1016-5		0.036	0.034	5.6	101	0.00
9 l2	1260-1		0.058	0.059	-1.7	97	0.00
10 l2	1260-2		0.081	0.076	6.2	107	0.00
11 l2	1260-3		0.065	0.062	4.6	116	0.00
12 l2	1260-4		0.116	0.130	-12.1	115	0.00
13 l2	1260-5		0.089	0.090	-1.1	111	0.00

Calibration Verification Summary

Form 7

PCBs

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : PEST2
 Lab File ID : P2250803a-06
 Sample No : WG2098413-1
 Channel : A

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/03/25 09:57
 Init. Calib. Date(s) : 06/12/25 06/12/25
 Init. Calib. Times : 20:56 23:08

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb	1	1	-	0	20	96	0
2,4,5,6-Tetrachloro-m-xylene	1.469	1.337	-	9	20	88	0
Decachlorobiphenyl	1.234	1.034	-	16.2	20	85	0
1016-1	0.026	0.029	-	-11.5	20	112	0
1016-2	0.059	0.062	-	-5.1	20	106	0
1016-3	0.115	0.131	-	-13.9	20	110	0
1016-4	0.048	0.052	-	-8.3	20	110	0
1016-5	0.053	0.055	-	-3.8	20	108	0
1260-1	0.071	0.077	-	-8.5	20	111	0
1260-2	0.113	0.117	-	-3.5	20	107	0
1260-3	0.057	0.07	-	-22.8*	20	121	0
1260-4	0.12	0.156	-	-30*	20	125	0
1260-5	0.091	0.109	-	-19.8	20	115	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

PCBs

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : PEST2
 Lab File ID : P2250803a-06
 Sample No : WG2098413-1
 Channel : B

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/03/25 09:57
 Init. Calib. Date(s) : 06/12/25 06/12/25
 Init. Calib. Times : 20:56 23:08

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb #2	1	1	-	0	20	88	0
2,4,5,6-Tetrachloro-m-xylen	1.465	1.298	-	11.4	20	77	0
Decachlorobiphenyl #2	1.062	0.719	-	32.3*	20	68	0
1016-1 #2	0.024	0.025	-	-4.2	20	97	0
1016-2 #2	0.058	0.056	-	3.4	20	92	0
1016-3 #2	0.119	0.115	-	3.4	20	91	0
1016-4 #2	0.048	0.044	-	8.3	20	92	0
1016-5 #2	0.036	0.034	-	5.6	20	91	0
1260-1 #2	0.058	0.061	-	-5.2	20	89	0
1260-2 #2	0.081	0.076	-	6.2	20	94	0
1260-3 #2	0.065	0.063	-	3.1	20	103	0
1260-4 #2	0.116	0.129	-	-11.2	20	102	0
1260-5 #2	0.089	0.088	-	1.1	20	96	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

PCBs

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : PEST2
 Lab File ID : P2250804a-40
 Sample No : WG2098655-5
 Channel : B

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/04/25 15:44
 Init. Calib. Date(s) : 06/12/25 06/12/25
 Init. Calib. Times : 20:56 23:08

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb #2	1	1	-	0	20	108	.01
2,4,5,6-Tetrachloro-m-xylene	1.465	1.157	-	21*	20	84	.01
Decachlorobiphenyl #2	1.062	0.728	-	31.5*	20	84	0
1016-1 #2	0.024	0.022	-	8.3	20	106	.01
1016-2 #2	0.058	0.05	-	13.8	20	100	.01
1016-3 #2	0.119	0.1	-	16	20	97	0
1016-4 #2	0.048	0.039	-	18.8	20	100	0
1016-5 #2	0.036	0.032	-	11.1	20	105	0
1260-1 #2	0.058	0.044	-	24.1*	20	78	0
1260-2 #2	0.081	0.073	-	9.9	20	111	0
1260-3 #2	0.065	0.062	-	4.6	20	125	0
1260-4 #2	0.116	0.126	-	-8.6	20	121	0
1260-5 #2	0.089	0.085	-	4.5	20	114	0

* Value outside of QC limits.



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-01
 Client ID : MW-101
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20250806a-48
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 10:20
 Date Received : 07/31/25
 Date Analyzed : 08/06/25 16:06
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST20
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-01	Date Collected	: 07/31/25 10:20
Client ID	: MW-101	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 16:06
Sample Matrix	: WATER	Date Extracted	: 08/02/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250806a-48	Analyst	: AKM
Sample Amount	: 100 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2548090-02
 Client ID : MW-102
 Sample Location : 160 CENTER STREET, CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 20250806a-49
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : 07/31/25 13:05
 Date Received : 07/31/25
 Date Analyzed : 08/06/25 16:18
 Date Extracted : 08/02/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST20
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-02	Date Collected	: 07/31/25 13:05
Client ID	: MW-102	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/06/25 16:18
Sample Matrix	: WATER	Date Extracted	: 08/02/25
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 20250806a-49	Analyst	: AKM
Sample Amount	: 100 ml	Instrument ID	: PEST20
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097989-1
 Client ID : WG2097989-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 10250804a-14
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/04/25 08:08
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : EJL
 Instrument ID : PEST10
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.005	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.013	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.094	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2097989-1
 Client ID : WG2097989-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 10250804a-14
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/04/25 08:08
 Date Extracted : 08/01/25
 Dilution Factor : 1
 Analyst : EJJ
 Instrument ID : PEST10
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101
 Lab Sample ID : L2548090-01
 Matrix Spike : WG2098351-4
 Matrix Spike Dup : WG2098351-5

Lab Number : L2548090
 Project Number : W96.013.001
 Matrix (Level) : WATER ()
 Analysis Date : 08/06/25 13:29
 MS Analysis Date : 08/06/25 13:38
 MSD Analysis Date : 08/06/25 13:47

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
ic Acid (8:2FTS)										
Perfluorononanesulfonic Acid (PFNS)	ND	17.4	14.8	85	17.1	14.7	86	1	65-145	30
N-Methyl Perfluorooctanesulfonamide (NMeFOSAA)	ND	18	21.3	118	17.7	19.7	111	8	50-140	30
Perfluoroundecanoic Acid (PFUnA)	ND	18	18.9	105	17.7	19.6	110	4	70-145	30
Perfluorodecanesulfonic Acid (PFDS)	ND	17.4	11.5	66	17.1	12.0	70	4	60-145	30
Perfluorooctanesulfonamide (PFOSA)	0.427J	18	19.5	106	17.7	19.8	109	2	70-145	30
N-Ethyl Perfluorooctanesulfonamide (NEtFOSAA)	0.774J	18	19.2	102	17.7	20.4	111	6	70-145	30
Perfluorododecanoic Acid (PFDoA)	ND	18	18.6	103	17.7	18.6	105	0	70-140	30
Perfluorotridecanoic Acid (PFTTrDA)	ND	18	19.2	106	17.7	18.2	103	5	65-140	30
Perfluorotetradecanoic Acid (PFTeDA)	ND	18	14.0	78	17.7	16.5	93	16	60-140	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	72.2	81.4	113	71	88.4	125	8	70-140	30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	68.2	80.3	118	67.1	79.8	119	1	65-145	30
Perfluorodecanesulfonic Acid	ND	17.6	9.23	53	17.2	9.58	56	4	50-145	30



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2548090
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-101 (L2548090-01)	88	79	87	255*	91	91	95
MW-102 (L2548090-02)	87	80	88	248*	92	85	89
EQUIPMENT BLANK (L2548090-03)	95	87	87	73	98	85	85
WG2098351-1BLANK	96	86	95	71	99	88	90
WG2098351-2LCS	96	86	93	68	96	84	88
WG2098351-3LCS	95	90	93	75	94	91	89
MW-101MS	89	77	88	251*	90	86	85
MW-101MSD	88	75	82	234*	88	86	82

QC LIMITS

(5-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
 (40-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
 (40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
 (40-200) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2548090
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-101 (L2548090-01)	89	336*	84	86	78	226	111
MW-102 (L2548090-02)	92	270*	81	72	71	160	82
EQUIPMENT BLANK (L2548090-03)	95	79	89	87	85	75	93
WG2098351-1BLANK	89	75	96	88	91	69	75
WG2098351-2LCS	92	72	90	92	90	77	76
WG2098351-3LCS	95	79	88	89	91	79	76
MW-101MS	97	281*	83	83	73	187	103
MW-101MSD	84	284*	88	86	77	195	105

QC LIMITS

(40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
 (40-200) 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)
 (40-300) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
 (40-170) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2548090
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
MW-101 (L2548090-01)	58	83	70	43	44	100	46
MW-102 (L2548090-02)	49	71	50	34	43	92	41
EQUIPMENT BLANK (L2548090-03)	66	83	68	62	74	88	55
WG2098351-1BLANK	67	90	55	71	94	96	56
WG2098351-2LCS	72	95	57	72	108	98	57
WG2098351-3LCS	63	88	52	69	103	93	58
MW-101MS	57	81	71	43	55	94	55
MW-101MSD	59	81	75	46	55	88	50

QC LIMITS

- (30-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
 (40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
 (25-135) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
 (10-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
 (10-130) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2548090
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S22 ()	S23 ()	S24 ()	S25 ()	S26 ()	S27 ()	S28 ()	TOT OUT
MW-101 (L2548090-01)	38	44	38	--	--	--	--	2
MW-102 (L2548090-02)	37	37	33	--	--	--	--	2
EQUIPMENT BLANK (L2548090-03)	51	59	56	--	--	--	--	0
WG2098351-1BLANK	57	68	63	--	--	--	--	0
WG2098351-2LCS	58	72	68	--	--	--	--	0
WG2098351-3LCS	58	70	65	--	--	--	--	0
MW-101MS	46	50	43	--	--	--	--	2
MW-101MSD	43	48	43	--	--	--	--	2

QC LIMITS

(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSE)
(10-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
(10-130) S24 = 2-(N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D9-NETFOSE)

* Values outside of QC limits

FORM II A2-NY-1633 (Continued)



Internal Standard Area and RT Summary

Form 8a

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : LCMS12
 Sample No : WG2099511-9

Lab Number : L2548090
 Project Number : W96.013.001
 Analysis Date : 08/06/25 13:08:03
 Lab File ID : SCI12_250806_47.wiff2

	13C3-PFBA		13C2-PFHxA		13C4-PFOA	
	Area	RT	Area	RT	Area	RT
WG2099511-9	1014897	0.56	589256	1.96	717533	3.05
Upper Limit	2029794	1.06	1178512	2.46	1435066	3.55
Lower Limit	507449	0.06	294628	1.46	358767	2.55
Sample ID						
MW-101	471808*	0.54	400739	1.95	585622	3.05
MW-101 MS	469852*	0.56	429569	1.96	585295	3.05
MW-101 MSD	441810*	0.56	407891	1.96	592565	3.05
MW-102	569750	0.55	476996	1.95	645478	3.05
EQUIPMENT BLANK	800776	0.55	462913	1.95	571292	3.05
WG2099511-11 CCAL	1080638	0.56	633758	1.96	822056	3.06

Area Upper Limit = +100% of internal standard area
 Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
 RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : LCMS12
 Lab File ID : SCI12_250806_06
 Sample No : WG2099511-1
 Channel :

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/06/25 06:51
 Init. Calib. Date(s) : 07/01/25 07/01/25
 Init. Calib. Times : 11:01 12:13

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.902	0.800	112.7	70-130
Perfluoropentanoic Acid (PFPeA)	0.440	0.400	110.1	70-130
Perfluorobutanesulfonic Acid (PFBS)	0.198	0.177	111.6	70-130
Perfluorohexanoic Acid (PFHxA)	0.211	0.200	105.4	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.807	0.750	107.7	70-130
Perfluoropentanesulfonic Acid (PFPeS)	0.180	0.188	95.8	70-130
Perfluoroheptanoic Acid (PFHpA)	0.185	0.200	92.4	70-130
Perfluorohexanesulfonic Acid (PFHxS)	0.196	0.183	107.3	70-130
Perfluorooctanoic Acid (PFOA)	0.212	0.200	106.3	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.781	0.760	102.7	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	0.209	0.191	109.4	70-130
Perfluorononanoic Acid (PFNA)	0.199	0.200	99.5	70-130
Perfluorooctanesulfonic Acid (PFOS)	0.226	0.186	121.4	70-130
Perfluorodecanoic Acid (PFDA)	0.228	0.200	113.9	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.901	0.768	117.3	70-130
Perfluorononanesulfonic Acid (PFNS)	0.202	0.192	105.2	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.177	0.200	88.7	70-130
Perfluoroundecanoic Acid (PFUnA)	0.231	0.200	115.7	70-130
Perfluorodecanesulfonic Acid (PFDS)	0.195	0.193	101.3	70-130
Perfluorooctanesulfonamide (PFOSA)	0.182	0.200	90.8	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.222	0.200	111.1	70-130
Perfluorododecanoic Acid (PFDoA)	0.201	0.200	100.4	70-130
Perfluorotridecanoic Acid (PFTTrDA)	0.299	0.200	149.4*	70-130
Perfluorotetradecanoic Acid (PFTeDA)	0.255	0.200	127.5	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	0.938	0.800	117.3	70-130
4,8-Dioxo-3h-Perfluorononanoic Acid (ADONA)	0.852	0.756	112.7	70-130
Perfluorododecanesulfonic Acid (PFDoS)	0.174	0.194	89.6	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.850	0.748	113.6	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.940	0.756	124.4	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	0.212	0.200	105.8	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.220	0.200	109.9	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	2.225	2.000	111.2	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	2.175	2.000	108.8	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	0.398	0.400	99.6	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	0.481	0.400	120.3	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	0.408	0.356	114.6	70-130
Nonafluoro-3,6-Dioxahexanoic Acid (NFDHA)	0.376	0.400	94	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	1.195	1.000	119.5	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	5.491	5.000	109.8	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	5.578	5.000	111.6	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	9.743	10.000	97.4	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	4.621	5.000	92.4	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.206	2.330	94.7	70-130

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : LCMS12
 Lab File ID : SCI12_250806_33
 Sample No : WG2099511-7
 Channel :

Lab Number : L2548090
 Project Number : W96.013.001
 Calibration Date : 08/06/25 11:00
 Init. Calib. Date(s) : 07/01/25 07/01/25
 Init. Calib. Times : 11:01 12:13

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	19.550	20.000	97.8	70-130
Perfluoropentanoic Acid (PFPeA)	9.145	10.000	91.5	70-130
Perfluorobutanesulfonic Acid (PFBS)	4.201	4.435	94.7	70-130
Perfluorohexanoic Acid (PFHxA)	4.341	5.000	86.8	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	18.073	18.750	96.4	70-130
Perfluoropentanesulfonic Acid (PFPeS)	4.423	4.705	94	70-130
Perfluoroheptanoic Acid (PFHpA)	4.503	5.000	90.1	70-130
Perfluorohexanesulfonic Acid (PFHxS)	4.390	4.570	96.1	70-130
Perfluorooctanoic Acid (PFOA)	4.502	5.000	90	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	17.353	19.000	91.3	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	4.257	4.765	89.3	70-130
Perfluorononanoic Acid (PFNA)	4.617	5.000	92.3	70-130
Perfluorooctanesulfonic Acid (PFOS)	3.754	4.640	80.9	70-130
Perfluorodecanoic Acid (PFDA)	5.026	5.000	100.5	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	18.423	19.200	96	70-130
Perfluorononanesulfonic Acid (PFNS)	3.744	4.810	77.8	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	4.352	5.000	87	70-130
Perfluoroundecanoic Acid (PFUnA)	4.300	5.000	86	70-130
Perfluorodecanesulfonic Acid (PFDS)	3.835	4.825	79.5	70-130
Perfluorooctanesulfonamide (PFOSA)	4.069	5.000	81.4	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	4.643	5.000	92.9	70-130
Perfluorododecanoic Acid (PFDoA)	4.765	5.000	95.3	70-130
Perfluorotridecanoic Acid (PFTTrDA)	6.870	5.000	137.4*	70-130
Perfluorotetradecanoic Acid (PFTeDA)	4.135	5.000	82.7	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	19.124	20.000	95.6	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	18.541	18.900	98.1	70-130
Perfluorododecanesulfonic Acid (PFDoS)	3.633	4.850	74.9	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	15.312	18.700	81.9	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	17.434	18.900	92.3	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	4.368	5.000	87.4	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4.361	5.000	87.2	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	49.167	50.000	98.3	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	47.108	50.000	94.2	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	9.731	10.000	97.3	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	10.527	10.000	105.3	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	9.079	8.900	102	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	8.212	10.000	82.1	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	25.066	25.000	100.3	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	108.863	125.000	87.1	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	126.511	125.000	101.2	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	10.048	10.000	100.5	70-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.083	5.000	101.7	70-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.325	2.330	99.8	70-130

* Value outside of QC limits.



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-01	Date Collected	: 07/31/25 10:20
Client ID	: MW-101	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/14/25 10:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: SMV
Lab File ID	: WG2102891.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.204	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00120	0.00050	0.00016	
7440-39-3	Barium, Total	0.05780	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	78.7	0.100	0.0394	
7440-47-3	Chromium, Total	0.00040	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00024	0.00050	0.00016	J
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	2.26	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	34.1	0.0700	0.0242	
7439-96-5	Manganese, Total	0.04878	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00175	0.00200	0.00055	J
7440-09-7	Potassium, Total	13.7	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	19.3	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2100337-1
 Client ID : WG2100337-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2102891.csv
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/14/25 10:34
 Dilution Factor : 1
 Analyst : SMV
 Instrument ID : ICPMSQ2
 %Solids : N/A
 Date Digested : 08/07/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.500	0.0293	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 5a Matrix Spike

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Client Sample ID : MW-101
Lab Sample ID : L2548090-01
Matrix Spike : WG2100337-3
Matrix Spike Dup : WG2100337-4

Lab Number : L2548090
Project Number : W96.013.001
Matrix : WATER
MS Analysis Date : 08/14/25 10:44
MSD Analysis Date : 08/14/25 10:50

Parameter	Sample Conc. (mg/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R			
Aluminum, Total	0.204	2	2.41	110	2	2.41	110	0	75-125	20
Antimony, Total	ND	0.5	0.4268	85	0.5	0.4407	88	3	75-125	20
Arsenic, Total	0.00120	0.12	0.1257	104	0.12	0.1267	104	1	75-125	20
Barium, Total	0.05780	2	2.137	104	2	2.130	104	0	75-125	20
Beryllium, Total	ND	0.05	0.05288	106	0.05	0.05172	103	2	75-125	20
Cadmium, Total	ND	0.053	0.05426	102	0.053	0.05602	106	3	75-125	20
Calcium, Total	78.7	10	108.	293 Q	10	111.	323 Q	3	75-125	20
Chromium, Total	0.00040J	0.2	0.2270	114	0.2	0.2253	113	1	75-125	20
Cobalt, Total	0.00024J	0.5	0.5515	110	0.5	0.5436	109	1	75-125	20
Copper, Total	ND	0.25	0.2716	109	0.25	0.2694	108	1	75-125	20
Iron, Total	2.26	1	3.47	121	1	3.53	127 Q	2	75-125	20
Lead, Total	ND	0.53	0.5530	104	0.53	0.5607	106	1	75-125	20
Magnesium, Total	34.1	10	52.7	186 Q	10	52.4	183 Q	1	75-125	20
Manganese, Total	0.04878	0.5	0.6207	114	0.5	0.6007	110	3	75-125	20
Nickel, Total	0.00175J	0.5	0.5501	110	0.5	0.5466	109	1	75-125	20
Potassium, Total	13.7	10	25.3	116	10	25.4	117	0	75-125	20
Selenium, Total	ND	0.12	0.113	94	0.12	0.118	98	4	75-125	20
Silver, Total	ND	0.05	0.05314	106	0.05	0.05239	105	1	75-125	20
Sodium, Total	19.3	10	31.6	123	10	31.7	124	0	75-125	20
Thallium, Total	ND	0.12	0.1363	114	0.12	0.1361	113	0	75-125	20
Vanadium, Total	ND	0.5	0.5424	108	0.5	0.5325	106	2	75-125	20
Zinc, Total	ND	0.5	0.5356	107	0.5	0.5302	106	1	75-125	20



Form 8 Serial Dilutions

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Client Sample ID : MW-101
Lab Sample ID : L2548090-01
Serial Dilution ID : WG2100337-6

Lab Number : L2548090
Project Number : W96.013.001
Matrix : WATER
Analysis Date : 08/14/25 10:39
Analysis Date : 08/14/25 11:00

Parameter	Initial Sample Result (mg/l)	Serial Dilution Result (mg/l)	% Difference	%D Limit
Barium, Total	0.05780	0.05746	1	20
Calcium, Total	78.7	95.4	21*	20
Iron, Total	2.26	2.31	2	20
Magnesium, Total	34.1	40.7	19	20
Manganese, Total	0.04878	0.04861	0	20
Potassium, Total	13.7	13.5	1	20
Sodium, Total	19.3	19.9	3	20



Form 1 METALS

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-01	Date Collected	: 07/31/25 10:20
Client ID	: MW-101	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 19:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG2100558.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.00010	0.00020	0.00009	J



Form 1

METALS

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-02	Date Collected	: 07/31/25 13:05
Client ID	: MW-102	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/08/25 19:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG2100558.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 08/07/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	0.00012	0.00020	0.00009	J

Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2100338-1
Client ID : WG2100338-1BLANK
Sample Location :
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2100558.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2548090
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 08/08/25 19:09
Dilution Factor : 1
Analyst : JWN
Instrument ID : NIC1
%Solids : N/A
Date Digested : 08/07/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

WETCHEM

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-01	Date Collected	: 07/31/25 10:20
Client ID	: MW-101	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 11:24
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081225-A	Instrument ID	: LACHAT6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	0.002	0.005	0.001	J



Form 1
WETCHEM

Client	: C&S Companies	Lab Number	: L2548090
Project Name	: OLD ERIE COMMONS	Project Number	: W96.013.001
Lab ID	: L2548090-02	Date Collected	: 07/31/25 13:05
Client ID	: MW-102	Date Received	: 07/31/25
Sample Location	: 160 CENTER STREET, CANASTOTA, NY	Date Analyzed	: 08/12/25 11:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9010C/9012B	Analyst	: JER
Lab File ID	: TCN081225-A	Instrument ID	: LACHAT6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 08/11/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	0.002	0.005	0.001	J



Form 1

WETCHEM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2101411-1
 Client ID : WG2101411-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN081225-A
 Sample Amount :
 Digestion Method :

Lab Number : L2548090
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 08/12/25 11:08
 Dilution Factor : 1
 Analyst : JER
 Instrument ID : LACHAT6
 %Solids : N/A
 Date Digested : 08/11/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U



Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
Pace Analytical Services SDG#L2566646
December 17, 2025
Revised SDG: January 22, 2026
Sampling date: 10/21/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

Old Erie Commons
SDG# L2566646

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package (revised January 26, 2026) for C&S Engineers, project located at 160 Center St., Canastota, NY, SDG#L2566646 submitted to Vali-Data of WNY, LLC on August 27, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E, 8270D-SIM, 1,4-Dioxane by SIM), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Perfluorinated Hydrocarbons (EPA 1633), Inorganics/Mercury (6020B 7470A) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	MW-101_102125	L2566646-01
2	MW-102_102125	L2566646-02
3	MW-103_102125	L2566646-03
4	MW-104_102125	L2566646-04
5	DUP_102125	L2566646-05
6	EQUIPMENT BLANK	L2566646-06
7	TRIP BLANK	L2566646-07

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

Old Erie Commons

SDG# L2566646

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples, MS/MSD, Compound Quantitation, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 1,2-Dichloroethane-d₄ was outside QC limits, high in DUSR ID#2 and #5. The associated target analyte detected in these samples are considered undetected due to detects in the sample blanks, so no further action is required.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
WG2135856	Chloroethane	54	53	UJ	1-7

MS/MSD

All criteria were met except a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #1MS	%Rec #1MSD	Qualifier	Associated Sample
Bromomethane	24	28	UJ	1, 5

COMPOUND QUANTITATION

All criteria were met except a target analyte was detected in the sample blanks and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
6	Acetone	2.0	U at RL	2, 4
6	Acetone	2.0	JH	1, 3, 5
7	Acetone	3.6	U at RL	2, 4
7	Acetone	3.6	JH	1, 3, 5

INITIAL CALIBRATION

All criteria were met except several target analytes were outside QC limits in the Initial Calibration(ICal) and/or the Initial Calibration Verification(ICV) and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICal/ICV VOA116	1,1,2-Trichloroethane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
ICal/ICV VOA116	1,2-Dichloropropane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
ICal/ICV VOA116	Bromodichloromethane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
ICal/ICV VOA116	1,1-Dichloroethane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
ICal/ICV VOA116	cis-1,2-Dichloroethene	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
ICal/ICV VOA116	Trichloroethene	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
ICal/ICV VOA116	cis-1,3-Dichloropropene	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
ICal VOA116	Chloroform	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2135856-2	Bromomethane	58.6	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	Chloroethane	45.3	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	Vinyl chloride	30.7	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	Bromoform	26.6	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	1,1,2-Trichloroethane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	1,2-Dichloropropane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	Bromodichloromethane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	1,1-Dichloroethane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	cis-1,2-Dichloroethene	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	Trichloroethene	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	cis-1,3-Dichloropropene	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	Chloroform	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD

CcAl ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2135856-2	1,2-Dibromoethane	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD
WG2135856-2	1,2,4-Trichlorobenzene	RRF	UJ/J	WG2135856, 1-7, 1MS/MSD

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank, Laboratory Control Samples, MS/MSD and Initial Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except a target analyte was detected in a method blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration	Qualifier	Associated Sample
WG2132578	Di-n-butylphthalate	1.9ug/L	U at RL	1-5

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
WG2132579	Hexachlorobutadiene	35	34	UJ	1-5

MS/MSD

All criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	RPD #1MS/MSD	Qualifier	Associated Sample
Bis(2-chloroethyl)ether	31	UJ	1, 5
Bis(2-chloroisopropyl)ether	33	UJ	1, 5
Nitrobenzene	31	UJ	1, 5
Biphenyl	31	UJ	1, 5
Acetophenone	31	UJ	1, 5
2-Chlorophenol	31	UJ	1, 5
Phenol	31	UJ	1, 5

The %Rec of some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

The %Rec of a target analyte was outside QC limits, high in the matrix spikes. This target analyte was not detected in the associated samples, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except a target analyte was outside QC limits in the Initial Calibration(ICal) and/or the Initial Calibration Verification(ICV) and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICV SV112	2-Nitrophenol	22.2	UJ/J	WG2132578, 1-5, 1MS/MSD

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside QC limits, low in DUSR ID#4 off column CLP-PesticideII and should be qualified as estimated. This column was used for confirmation, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except a target analyte and a couple of surrogates were outside QC limits in the Initial Calibration(ICal) and/or the Initial Calibration Verification(ICV) and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	%D column #1	%D column #2	Qualifier	Associated Sample
ICV Pest12	Aroclor 1260 p2	20.9	21.0	UJ/J	WG2133179, 1-5, 1MS/MSD
ICV Pest12	DCBP	31.3	34.5	J	WG2133179, 1-5, 1MS/MSD
ICV Pest12	TCMX	-	31.0	J	WG2133179, 1-5, 1MS/MSD

CONTINUING CALIBRATION

All criteria were met except a surrogate were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D column #1	%D column #2	Qualifier	Associated Sample
WG2133737-5	DCBP	-	34.6	J	WG2133179, 1-5, 1MS/MSD

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate regression was used on target analytes in which the %RSD >20% with acceptable results, so no further action is required.

CONTINUING CALIBRATION

All criteria were met.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Internal Standard, Surrogate Spike Recoveries, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met.

INTERNAL STANDARD (IS)

All criteria were met except the area of 13C3-PFBA was outside QC limits in DUSR ID#1 and #1MS/MSD. PFBA and PFMPA should be qualified as estimated in these samples.

SURROGATE SPIKE RECOVERIES

All criteria were met except a couple of surrogates were outside QC limits in a sample and should be qualified as estimated.

Surrogate	Associated Target Analyte	Qualifier	Associated Sample
M2-4:2FTS	4:2FTS	UJ/J	1-5, 1MS/MSD
M2-6:2FTS	6:2FTS	UJ/J	1-5, 1MS/MSD
M2-8:2FTS	8:2FTS	UJ/J	1, 3, 5, 1MS
MPFDoA	PFDoA, PFTrDA	UJ/J	1, 2, 1MSD
d3-NMeFOSA	NMeFOSA	UJ/J	1, 2, 1MS/MSD
d5-NEtFOSA	NEtFOSA	UJ/J	1, 2, 1MS/MSD
d7-NMeFOSE	NMeFOSE	UJ/J	1-3, 5, 1MS/MSD
d9-NEtFOSE	NEtFOSE	UJ/J	1, 2, 5, 1MS/MSD

BLANKS

All criteria were met except a couple of target analytes were detected in the method blank and should be qualified in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration	Qualifier	Associated Sample
WG2132948	PFOS	.496ng/L	U at RL	3, 6
WG2132948	PFOS	.496ng/L	JH	1, 2, 4, 5
WG2132948	PFHxS	.304ng/L	U at RL	3, 4
WG2132948	PFHxS	.304ng/L	JH	1, 2, 5

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

The %Rec of a target analyte was outside QC limits, high in the laboratory control samples but it was not detected in the associated samples, so no further action is required.

MS/MSD

All criteria were met except a couple of target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #1MS	%Rec #1MSD	Qualifier	Associated Sample
PFDoS	64	56	UJ	1, 5
PFDS	59	52	UJ	1, 5

The %Rec of several target analytes was outside QC limits, high in the matrix spikes but they were not detected in the associated samples, so no further action is required.

COMPOUND QUANTITATION

All the criteria were met except a target analyte was detected in the sample blank but since it is considered undetected because of its detected in the method blank, no further action is required.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met except a target analyte was outside QC limits in a continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%Rec	Qualifier	Associated Sample
WG2136625-1	NEtFOSAA	138.6	UJ/J	WG2132948, 1-6, 1MS/MSD

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate

Old Erie Commons

SDG# L2566646

- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except a couple of target analytes were detected in the blanks and should be qualified in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
WG2133743	Mn	.00096	JH	1t-5t
R2030240-5	As	.472	JH	1t
R2031069-8	As	.205	U at RL	1diss

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

Some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

FIELD DUPLICATE

All criteria were met except Ni was detected in DUSR ID#1diss but was not detected in #5diss.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except several target analytes were outside QC limits in a calibration and should be qualified in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%Rec	Qualifier	Associated Sample
R2031069-9	Al	111	JH	1dissMS/MSD
R2031069-9	Cr	111	JH	1dissMS/MSD
R2031069-9	Co	111	JH	1dissMS/MSD
R2031069-9	Cu	111	JH	1dissMS/MSD
R2031069-9	Ni	112	JH	1diss, 1dissMS/MSD

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

CYANIDE

All criteria were met.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2566646
Report Date: 11/06/25

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

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

HOLD POLICY

For samples submitted on hold, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

Lab Number: L2566646
Report Date: 11/06/25

Case Narrative (continued)

Report Submission

November 06, 2025: This final report includes the results of all requested analyses.

November 04, 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.

Perfluorinated Alkyl Acids by 1633

L2566646-01: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (270%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (313%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2566646-02: The Extracted Internal Standard recovery was above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (201%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2566646-03: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (302%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (363%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2566646-04: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (218%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (222%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

L2566646-05: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (256%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (282%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

The WG2132948-4/-5 MS/MSD recoveries performed on L2566646-01 are outside the acceptance criteria for

Project Name: OLD ERIE COMMONS
Project Number: W96.013.001

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Case Narrative (continued)

perfluorodecanesulfonic acid (pfd) (59%/52%).

The Extracted Internal Standard recoveries for the WG2132948-4/-5 MS/MSD performed on L2566646-01 are outside the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (249%/225%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (244%/258%). The associated MS/MSD spike compounds are within criteria; therefore, no further action was taken.

Total Metals

The WG2133743-3/-4 MS/MSD recoveries performed on L2566646-01 do not apply for calcium (150%/130%) because the sample concentration is greater than four times the spike amount added.

The WG2133743-3 MS recovery performed on L2566646-01 is outside the acceptance criteria for magnesium (126%). A post digestion spike was performed and was within acceptance criteria.

Dissolved Metals

The WG2133817-3/-4 MS/MSD recoveries performed on L2566646-01 do not apply for calcium (159%/169%) because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature:  Kelly Stenstrom

Report Date: 11/07/25

Title: Technical Director/Representative



Surrogate Recovery Summary

Form 2

Volatiles

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2566646
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-101_102125 (L2566646-01)	123	104	105	109	0
MW-102_102125 (L2566646-02)	126	102	103	112	0
MW-103_102125 (L2566646-03)	124	102	100	110	0
MW-104_102125 (L2566646-04)	123	104	106	108	0
DUP_102125 (L2566646-05)	127	101	106	111	0
EQUIPMENT BLANK (L2566646-06)	121	104	104	112	0
TRIP BLANK (L2566646-07)	122	106	107	111	0
WG2135856-3LCS	112	101	106	104	0
WG2135856-4LCSD	111	104	108	104	0
WG2135856-5BLANK	117	102	107	105	0
MW-101_102125MS	121	98	102	103	0
MW-101_102125MSD	113	101	105	104	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260-R2



Laboratory Control Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2135856-3 Analysis Date : 10/31/25 07:07 File ID : V16251031B02
 LCSD Sample ID : WG2135856-4 Analysis Date : 10/31/25 07:30 File ID : V16251031B03

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	9.5	95	10	9.3	93	2	70-130	20
1,1-Dichloroethane	10	11	110	10	10	100	10	70-130	20
Chloroform	10	9.5	95	10	9.3	93	2	70-130	20
Carbon tetrachloride	10	9.0	90	10	9.2	92	2	63-132	20
1,2-Dichloropropane	10	10	100	10	9.9	99	1	70-130	20
Dibromochloromethane	10	8.7	87	10	8.8	88	1	63-130	20
1,1,2-Trichloroethane	10	9.6	96	10	9.8	98	2	70-130	20
Tetrachloroethene	10	8.8	88	10	9.0	90	2	70-130	20
Chlorobenzene	10	9.2	92	10	9.0	90	2	75-130	20
Trichlorofluoromethane	10	9.8	98	10	9.6	96	2	62-150	20
1,2-Dichloroethane	10	10	100	10	9.9	99	1	70-130	20
1,1,1-Trichloroethane	10	9.7	97	10	9.5	95	2	67-130	20
Bromodichloromethane	10	9.8	98	10	9.7	97	1	67-130	20
trans-1,3-Dichloropropene	10	8.5	85	10	8.8	88	3	70-130	20
cis-1,3-Dichloropropene	10	9.1	91	10	8.7	87	4	70-130	20
Bromoform	10	7.3	73	10	8.0	80	9	54-136	20
1,1,2,2-Tetrachloroethane	10	9.4	94	10	10	100	6	67-130	20
Benzene	10	9.6	96	10	9.5	95	1	70-130	20
Toluene	10	9.2	92	10	9.3	93	1	70-130	20
Ethylbenzene	10	8.9	89	10	8.9	89	0	70-130	20
Chloromethane	10	10	100	10	9.9	99	1	64-130	20
Bromomethane	10	4.2	42	10	4.0	40	5	39-139	20
Vinyl chloride	10	6.9	69	10	6.8	68	1	55-140	20
Chloroethane	10	5.4	54 Q	10	5.3	53 Q	2	55-138	20
1,1-Dichloroethene	10	9.8	98	10	9.2	92	6	61-145	20
trans-1,2-Dichloroethene	10	9.8	98	10	9.4	94	4	70-130	20



Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101_102125
 Lab Sample ID : L2566646-01
 Matrix Spike : WG2135856-6
 Matrix Spike Dup : WG2135856-7

Lab Number : L2566646
 Project Number : W96.013.001
 Matrix (Level) : WATER (LOW)
 Analysis Date : 10/31/25 11:27
 MS Analysis Date : 10/31/25 16:36
 MSD Analysis Date : 10/31/25 17:00

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	9.6	96	10	9.1	91	5	70-130	20
1,1-Dichloroethane	ND	10	11	110	10	10	100	10	70-130	20
Chloroform	ND	10	9.4	94	10	9.6	96	2	70-130	20
Carbon tetrachloride	ND	10	9.6	96	10	9.2	92	4	63-132	20
1,2-Dichloropropane	ND	10	9.9	99	10	9.6	96	3	70-130	20
Dibromochloromethane	ND	10	8.2	82	10	8.4	84	2	63-130	20
1,1,2-Trichloroethane	ND	10	9.0	90	10	8.9	89	1	70-130	20
Tetrachloroethene	ND	10	9.0	90	10	9.1	91	1	70-130	20
Chlorobenzene	ND	10	8.6	86	10	8.8	88	2	75-130	20
Trichlorofluoromethane	ND	10	10	100	10	10	100	0	62-150	20
1,2-Dichloroethane	ND	10	10	100	10	9.7	97	3	70-130	20
1,1,1-Trichloroethane	ND	10	10	100	10	9.4	94	6	67-130	20
Bromodichloromethane	ND	10	9.7	97	10	9.7	97	0	67-130	20
trans-1,3-Dichloropropene	ND	10	7.8	78	10	7.9	79	1	70-130	20
cis-1,3-Dichloropropene	ND	10	7.9	79	10	7.9	79	0	70-130	20
Bromoform	ND	10	7.4	74	10	7.2	72	3	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	8.9	89	10	9.3	93	4	67-130	20
Benzene	ND	10	9.9	99	10	9.4	94	5	70-130	20
Toluene	ND	10	8.9	89	10	8.9	89	0	70-130	20
Ethylbenzene	ND	10	9.4	94	10	8.6	86	9	70-130	20
Chloromethane	ND	10	9.4	94	10	9.2	92	2	64-130	20
Bromomethane	ND	10	2.4J	24 Q	10	2.8	28 Q	15	39-139	20



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:27
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:27
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	5.2	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:27
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:51
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:51
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	4.4	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:51
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 12:15
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 12:15
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	79	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	46	5.0	1.9	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	29	2.5	0.70	
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 12:15
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 12:38
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 12:38
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	4.0	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 12:38
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	0.53	10	0.27	J
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 13:02
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 13:02
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	8.6	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 13:02
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-06
 Client ID : EQUIPMENT BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:03
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-06
 Client ID : EQUIPMENT BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:03
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.0	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-06
 Client ID : EQUIPMENT BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 11:03
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-07
 Client ID : TRIP BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 10:40
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-07
 Client ID : TRIP BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 10:40
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	3.6	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-07
 Client ID : TRIP BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 10:40
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2135856-5
 Client ID : WG2135856-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/31/25 08:18
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2135856-5
 Client ID : WG2135856-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/31/25 08:18
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2135856-5
 Client ID : WG2135856-5BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V16251031B05
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/31/25 08:18
 Dilution Factor : 1
 Analyst : MCM
 Instrument ID : VOA116
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Initial Calibration Summary

Form 6

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA116
 Calibration dates : 10/01/25 05:15 10/01/25 08:00

Lab Number : L2566646
 Project Number : W96.013.001
 Ical Ref : ICAL22698

Calibration Files

L11 =V16251001A02.D L1 =V16251001A03.D L2 =V16251001A04.D L3 =V16251001A05.D L4 =V16251001A06.D
 L6 =V16251001A07.D L8 =V16251001A08.D L10 =V16251001A09.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.110	0.165	0.159	0.152	0.137	0.144	0.141	0.144	12.45
3) TP Chloromethane		0.172	0.198	0.181	0.170	0.155	0.156	0.151	0.169	10.01
4) TP Vinyl chloride	0.246	0.205	0.270	0.267	0.248	0.227	0.225	0.215	0.238	10.01
5) TP Bromomethane		0.239	0.220	0.201	0.190	0.186	0.191	0.190	0.203	9.79
6) TP Chloroethane		0.192	0.196	0.186	0.173	0.156	0.151	0.149	0.172	11.58
7) TP Trichlorofluor		0.220	0.260	0.260	0.253	0.229	0.232	0.231	0.241	6.70
8) TP Ethyl ether		0.079	0.076	0.078	0.076	0.071	0.073	0.073	0.075	4.02
10) TP 1,1-Dichloroet		0.103	0.139	0.144	0.141	0.129	0.136	0.137	0.133	10.38
11) TP Carbon disulfide		0.370	0.480	0.443	0.433	0.406	0.418	0.419	0.424	7.98
12) TP Freon-113		0.112	0.158	0.144	0.143	0.133	0.140	0.142	0.139	10.16
13) TP Iodomethane		0.149	0.169	0.201	0.219	0.206	0.206	0.207	0.194	12.94
14) TP Acrolein			0.021	0.019	0.019	0.017	0.018	0.017	0.018	7.58
15) TP Methylene chlo		0.166	0.166	0.164	0.158	0.150	0.152	0.151	0.158	4.71
17) TP Acetone			0.031	0.027	0.026	0.024	0.024	0.024	0.026	10.65
18) TP trans-1,2-Dich		0.134	0.159	0.159	0.158	0.147	0.153	0.153	0.152	5.88
19) TP Methyl acetate		0.078	0.073	0.070	0.067	0.062	0.064	0.062	0.068	9.09
21) TP Methyl tert butyl ether		0.333	0.362	0.371	0.369	0.353	0.364	0.356	0.358	3.62
22) TP tert-Butyl alc		0.007	0.008	0.008	0.007	0.007	0.007	0.007	0.007#	8.76
24) TP Diisopropyl ether		0.441	0.501	0.499	0.489	0.478	0.486	0.475	0.481	4.19
25) TP 1,1-Dichloroet		0.248	0.295	0.288	0.281	0.267	0.273	0.265	0.274#	5.80
26) TP Halothane		0.107	0.129	0.127	0.124	0.119	0.123	0.124	0.122	5.98
27) TP Acrylonitrile		0.024	0.034	0.039	0.035	0.033	0.034	0.032	0.033	13.81
28) TP Ethyl tert-but		0.397	0.423	0.447	0.448	0.432	0.445	0.439	0.433	4.22
29) TP Vinyl acetate		0.251	0.286	0.291	0.298	0.283	0.279	0.271	0.280	5.46
30) TP cis-1,2-Dichlo		0.142	0.180	0.182	0.173	0.168	0.168	0.168	0.169#	7.70
31) TP 2,2-Dichloropr		0.201	0.263	0.239	0.234	0.221	0.222	0.217	0.228	8.61
33) TP Bromochloromet		0.078	0.085	0.083	0.081	0.077	0.079	0.079	0.080#	3.69
34) TP Cyclohexane		0.217	0.296	0.287	0.293	0.267	0.280	0.280	0.274	9.87
35) TP Chloroform		0.325	0.297	0.291	0.291	0.274	0.278	0.266	0.289#	6.60
36) TP Ethyl acetate		0.104	0.097	0.098	0.101	0.095	0.096	0.092	0.098	4.07
37) TP Carbon tetrachloride	0.233	0.195	0.285	0.244	0.242	0.229	0.233	0.234	0.237	10.34
38) TP Tetrahydrofuran		0.048	0.040	0.034	0.035	0.032	0.032	0.031	0.036	16.75
39) S Dibromofluoromethane	0.255	0.249	0.252	0.245	0.234	0.236	0.237	0.247	0.244	3.18
40) TP 1,1,1-Trichlor		0.213	0.251	0.264	0.255	0.242	0.246	0.242	0.245	6.58
42) TP 2-Butanone		0.045	0.044	0.040	0.040	0.038	0.040	0.038	0.041	6.61



Initial Calibration Summary

Form 6

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA116
 Calibration dates : 10/01/25 05:15 10/01/25 08:00

Lab Number : L2566646
 Project Number : W96.013.001
 Ical Ref : ICAL22698

Calibration Files

L11 =V16251001A02.D L1 =V16251001A03.D L2 =V16251001A04.D L3 =V16251001A05.D L4 =V16251001A06.D
 L6 =V16251001A07.D L8 =V16251001A08.D L10 =V16251001A09.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
43) TP 1,1-Dichloropr	0.174	0.213	0.209	0.209	0.194	0.199	0.199	0.200	6.62	
45) TP Benzene	0.678	0.534	0.608	0.632	0.630	0.593	0.605	0.600	0.610	6.70
46) TP Tertiary-Amyl Methyl Ether	0.320	0.383	0.396	0.399	0.379	0.386	0.381	0.378	7.03	
47) S 1,2-Dichloroethane-d4	0.248	0.244	0.252	0.234	0.235	0.243	0.239	0.248	0.243	2.63
48) T 1,2-Dichloroethane	0.248	0.195	0.192	0.212	0.204	0.192	0.193	0.186	0.203	9.81
51) TP Methyl cyclohe	0.238	0.314	0.308	0.317	0.292	0.312	0.321	0.300	9.66	
52) TP Trichloroethene	0.202	0.131	0.159	0.171	0.174	0.168	0.174	0.182	0.170#	11.99
54) TP Dibromomethane	0.066	0.088	0.093	0.095	0.090	0.092	0.090	0.088	11.39	
55) TP 1,2-Dichloropr	0.154	0.165	0.168	0.168	0.157	0.160	0.157	0.161#	3.49	
57) TP 2-Chloroethyl	0.064	0.060	0.060	0.058	0.052	0.053	0.051	0.057	8.77	
58) TP Bromodichlorom	0.204	0.229	0.253	0.251	0.238	0.241	0.239	0.236#	6.98	
61) TP 1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	9.67	
62) TP cis-1,3-Dichloropropene	0.257	0.212	0.253	0.268	0.284	0.269	0.273	0.267	0.260#	8.30
63) I Chlorobenzene-d5	-----ISTD-----									
64) S Toluene-d8	1.497	1.469	1.471	1.474	1.435	1.453	1.435	1.478	1.464	1.47
65) TP Toluene	0.537	0.664	0.691	0.660	0.651	0.661	0.680	0.649	7.91	
66) TP 4-Methyl-2-pen	0.058	0.062	0.062	0.060	0.061	0.061	0.061	0.061	2.05	
67) TP Tetrachloroethene	0.263	0.230	0.287	0.286	0.282	0.274	0.282	0.301	0.276	7.78
69) TP trans-1,3-Dichloropropene	0.313	0.278	0.328	0.364	0.365	0.346	0.352	0.356	0.338	8.97
71) TP Ethyl methacry	0.201	0.226	0.250	0.249	0.242	0.242	0.241	0.236	7.38	
72) TP 1,1,2-Trichlor	0.162	0.166	0.173	0.175	0.167	0.169	0.169	0.169#	2.62	
73) TP Chlorodibromom	0.244	0.270	0.282	0.281	0.278	0.281	0.284	0.274	5.17	
74) TP 1,3-Dichloropr	0.287	0.340	0.350	0.345	0.327	0.330	0.330	0.330	6.33	
75) TP 1,2-Dibromoethane	0.181	0.205	0.218	0.214	0.205	0.205	0.205	0.205	5.81	
77) TP 2-Hexanone	0.105	0.095	0.109	0.107	0.099	0.099	0.097	0.102	5.53	
78) TP Chlorobenzene	0.526	0.544	0.541	0.527	0.515	0.525	0.545	0.532	2.18	
79) TP Ethylbenzene	1.109	1.314	1.362	1.423	1.367	1.386	1.420	1.340	8.10	
80) TP 1,1,1,2-Tetrac	0.246	0.253	0.292	0.290	0.283	0.285	0.292	0.277	7.06	
81) TP p/m Xylene	0.399	0.486	0.529	0.522	0.512	0.530	0.560	0.506	10.32	
82) TP o Xylene	0.406	0.489	0.513	0.511	0.508	0.522	0.545	0.499	8.86	
83) TP Styrene	0.644	0.800	0.877	0.896	0.901	0.915	0.931	0.852	11.84	
84) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
85) TP Bromoform	0.229	0.221	0.218	0.235	0.241	0.239	0.251	0.233	4.90	
87) TP Isopropylbenzene	1.692	2.003	2.021	2.007	1.919	1.871	1.854	1.909	6.16	
88) S 4-Bromofluorobenzene	0.803	0.772	0.793	0.741	0.746	0.736	0.699	0.683	0.747	5.63
89) TP Bromobenzene	0.426	0.449	0.453	0.453	0.433	0.421	0.421	0.437	3.39	



Evaluate Continuing Calibration Report

Data Path : K:\VOA116\2025\251001ICAL\
 Data File : V16251001A14.D
 Acq On : 01 Oct 2025 09:58 am
 Operator : VOA116:MCM
 Sample : C8260STD10PPB
 Misc : WG2122551
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 03 10:12:24 2025
 Quant Method : K:\VOA116\2025\251001ICAL\V116_251001_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Oct 03 10:10:15 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	100	0.00
2 TP	Dichlorodifluoromethane	0.144	0.198	-37.5#	125	0.00
3 TP	Chloromethane	0.169	0.205	-21.3#	113	0.00
4 TP	Vinyl chloride	0.238	0.273	-14.7	102	0.00
5 TP	Bromomethane	0.203	0.228	-12.3	113	0.00
6 TP	Chloroethane	0.172	0.180	-4.7	97	0.00
7 TP	Trichlorofluoromethane	0.241	0.268	-11.2	103	0.00
8 TP	Ethyl ether	0.075	0.072	4.0	92	0.00
10 TP	1,1-Dichloroethene	0.133	0.139	-4.5	97	0.00
11 TP	Carbon disulfide	0.424	0.447	-5.4	101	0.00
12 TP	Freon-113	0.139	0.154	-10.8	107	0.00
13 TP	Iodomethane	0.194	0.155	20.1#	77	0.00
14 TP	Acrolein	0.018	0.014	22.2#	74	0.00
15 TP	Methylene chloride	0.158	0.157	0.6	96	0.00
17 TP	Acetone	0.026	0.025	3.8	95	0.00
18 TP	trans-1,2-Dichloroethene	0.152	0.167	-9.9	105	0.00
19 TP	Methyl acetate	0.068	0.061	10.3	87	0.00
21 TP	Methyl tert-butyl ether	0.358	0.329	8.1	89	0.00
22 TP	tert-Butyl alcohol	0.00720	0.00743#	-3.2	95	0.00
24 TP	Diisopropyl ether	0.481	0.473	1.7	95	0.00
25 TP	1,1-Dichloroethane	0.274	0.288#	-5.1	100	0.00
26 TP	Halothane	0.122	0.127	-4.1	100	0.00
27 TP	Acrylonitrile	0.033	0.034	-3.0	89	0.00
28 TP	Ethyl tert-butyl ether	0.433	0.419	3.2	94	0.00
29 TP	Vinyl acetate	0.280	0.297	-6.1	102	0.00
30 TP	cis-1,2-Dichloroethene	0.169	0.169#	0.0	93	0.00
31 TP	2,2-Dichloropropane	0.228	0.240	-5.3	100	0.00
33 TP	Bromochloromethane	0.080	0.079#	1.3	95	0.00
34 TP	Cyclohexane	0.274	0.284	-3.6	99	0.00
35 TP	Chloroform	0.289	0.301	-4.2	104	0.00
36 TP	Ethyl acetate	0.098	0.093	5.1	95	0.00
37 TP	Carbon tetrachloride	0.237	0.240	-1.3	98	0.00
38 TP	Tetrahydrofuran	0.036	0.037	-2.8	109	0.00
39 S	Dibromofluoromethane	0.244	0.247	-1.2	101	0.00
40 TP	1,1,1-Trichloroethane	0.245	0.260	-6.1	99	0.00
42 TP	2-Butanone	0.041	0.038	7.3	95	0.00
43 TP	1,1-Dichloropropene	0.200	0.216	-8.0	104	0.00
45 TP	Benzene	0.610	0.624	-2.3	99	0.00
46 TP	tert-Amyl methyl ether	0.378	0.358	5.3	90	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA116\2025\251001ICAL\
 Data File : V16251001A14.D
 Acq On : 01 Oct 2025 09:58 am
 Operator : VOA116:MCM
 Sample : C8260STD10PPB
 Misc : WG2122551
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 03 10:12:24 2025
 Quant Method : K:\VOA116\2025\251001ICAL\V116_251001_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Oct 03 10:10:15 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 S	1,2-Dichloroethane-d4	0.243	0.232	4.5	99	0.00
48 T	1,2-Dichloroethane	0.203	0.201	1.0	95	0.00
51 TP	Methyl cyclohexane	0.300	0.302	-0.7	98	0.00
52 TP	Trichloroethene	0.170	0.166#	2.4	97	0.00
54 TP	Dibromomethane	0.088	0.091	-3.4	97	0.00
55 TP	1,2-Dichloropropane	0.161	0.165#	-2.5	98	0.00
57 TP	2-Chloroethyl vinyl ether	0.057	0.057	0.0	95	0.00
58 TP	Bromodichloromethane	0.236	0.235#	0.4	93	0.00
61 TP	1,4-Dioxane	0.00071	0.00067#	5.6	93	0.00
62 TP	cis-1,3-Dichloropropene	0.260	0.259#	0.4	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 S	Toluene-d8	1.464	1.455	0.6	100	0.00
65 TP	Toluene	0.649	0.661	-1.8	97	0.00
66 TP	4-Methyl-2-pentanone	0.061	0.058	4.9	96	0.00
67 TP	Tetrachloroethene	0.276	0.278	-0.7	98	0.00
69 TP	trans-1,3-Dichloropropene	0.338	0.332	1.8	92	0.00
71 TP	Ethyl methacrylate	0.236	0.238	-0.8	96	0.00
72 TP	1,1,2-Trichloroethane	0.169	0.162#	4.1	95	0.00
73 TP	Chlorodibromomethane	0.274	0.272	0.7	98	0.00
74 TP	1,3-Dichloropropane	0.330	0.331	-0.3	96	0.00
75 TP	1,2-Dibromoethane	0.205	0.202	1.5	94	0.00
77 TP	2-Hexanone	0.102	0.102	0.0	94	0.00
78 TP	Chlorobenzene	0.532	0.536	-0.8	100	0.00
79 TP	Ethylbenzene	1.340	1.393	-4.0	104	0.00
80 TP	1,1,1,2-Tetrachloroethane	0.277	0.268	3.2	93	0.00
81 TP	p/m Xylene	0.506	0.506	0.0	97	0.00
82 TP	o Xylene	0.499	0.488	2.2	96	0.00
83 TP	Styrene	0.852	0.849	0.4	98	0.00
84 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
85 TP	Bromoform	0.233	0.208	10.7	95	0.00
87 TP	Isopropylbenzene	1.909	1.981	-3.8	97	0.00
88 S	4-Bromofluorobenzene	0.747	0.740	0.9	99	0.00
89 TP	Bromobenzene	0.437	0.446	-2.1	98	0.00
90 TP	n-Propylbenzene	2.257	2.354	-4.3	98	0.00
91 TP	1,4-Dichlorobutane	0.489	0.509	-4.1	100	0.00
92 TP	1,1,2,2-Tetrachloroethane	0.325	0.324	0.3	93	0.00
93 TP	4-Ethyltoluene	1.851	2.053	-10.9	103	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA116\2025\251001ICAL\
 Data File : V16251001A14.D
 Acq On : 01 Oct 2025 09:58 am
 Operator : VOA116:MCM
 Sample : C8260STD10PPB
 Misc : WG2122551
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 03 10:12:24 2025
 Quant Method : K:\VOA116\2025\251001ICAL\V116_251001_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Oct 03 10:10:15 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94 TP	2-Chlorotoluene	1.466	1.526	-4.1	98	0.00
95 TP	1,3,5-Trimethylbenzene	1.571	1.619	-3.1	96	0.00
96 TP	1,2,3-Trichloropropane	0.245	0.237	3.3	94	0.00
97 TP	trans-1,4-Dichloro-2-butene	0.095	0.102	-7.4	97	0.00
98 TP	4-Chlorotoluene	1.316	1.317	-0.1	94	0.00
99 TP	tert-Butylbenzene	1.420	1.472	-3.7	96	0.00
102 TP	1,2,4-Trimethylbenzene	1.511	1.608	-6.4	99	0.00
103 TP	sec-Butylbenzene	2.133	2.198	-3.0	96	0.00
104 TP	p-Isopropyltoluene	1.953	2.078	-6.4	96	0.00
105 TP	1,3-Dichlorobenzene	1.014	0.910	10.3	83	0.00
106 TP	1,4-Dichlorobenzene	0.893	1.037	-16.1	112	0.00
107 TP	p-Diethylbenzene	1.083	1.125	-3.9	98	0.00
108 TP	n-Butylbenzene	1.540	1.645	-6.8	99	0.00
109 TP	1,2-Dichlorobenzene	0.795	0.819	-3.0	98	0.00
110 TP	1,2,4,5-Tetramethylbenzene	1.400	1.443	-3.1	101	0.00
111 TP	1,2-Dibromo-3-chloropropane	0.046	0.047	-2.2	92	0.00
112 TP	1,3,5-Trichlorobenzene	0.563	0.556	1.2	98	0.00
113 TP	Hexachlorobutadiene	0.208	0.199	4.3	96	0.00
114 TP	1,2,4-Trichlorobenzene	0.466	0.441	5.4	95	0.00
115 TP	Naphthalene	0.874	0.842	3.7	95	0.00
116 TP	1,2,3-Trichlorobenzene	0.381	0.371#	2.6	96	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 11 CCC's out = 0

Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA116
 Lab File ID : V16251031B02
 Sample No : WG2135856-2
 Channel :

Lab Number : L2566646
 Project Number : W96.013.001
 Calibration Date : 10/31/25 07:07
 Init. Calib. Date(s) : 10/01/25 10/01/25
 Init. Calib. Times : 05:15 08:00

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	159	0
Dichlorodifluoromethane	0.144	0.133	-	7.6	20	134	0
Chloromethane	0.169	0.173	-	-2.4	20	152	0
Vinyl chloride	0.238	0.165	-	30.7*	20	98	0
Bromomethane	0.203	0.084	-	58.6*	20	66	0
Chloroethane	0.172	0.094	-	45.3*	20	80	0
Trichlorofluoromethane	0.241	0.236	-	2.1	20	145	0
Ethyl ether	0.075	0.07	-	6.7	20	142	0
1,1-Dichloroethene	0.133	0.129	-	3	20	143	0
Carbon disulfide	0.424	0.438	-	-3.3	20	157	0
Freon-113	0.139	0.142	-	-2.2	20	157	0
Methylene chloride	0.158	0.15	-	5.1	20	146	0
Acetone	0.026	0.029	-	-11.5	20	172	0
trans-1,2-Dichloroethene	0.152	0.149	-	2	20	149	0
Methyl acetate	0.068	0.071	-	-4.4	20	161	0
Methyl tert-butyl ether	0.358	0.285	-	20.4*	20	122	0
tert-Butyl alcohol	0.0072	0.00539*	-	25.1*	20	110	0
Diisopropyl ether	0.481	0.512	-	-6.4	20	164	0
1,1-Dichloroethane	0.274	0.294*	-	-7.3	20	162	0
Halothane	0.122	0.116	-	4.9	20	145	0
Acrylonitrile	0.033	0.034	-	-3	20	142	0
Ethyl tert-butyl ether	0.433	0.362	-	16.4	20	129	0
Vinyl acetate	0.28	0.266	-	5	20	146	0
cis-1,2-Dichloroethene	0.169	0.16*	-	5.3	20	140	0
2,2-Dichloropropane	0.228	0.189	-	17.1	20	126	0
Bromochloromethane	0.08	0.073*	-	8.8	20	141	0
Cyclohexane	0.274	0.299	-	-9.1	20	166	0
Chloroform	0.289	0.274*	-	5.2	20	150	0
Ethyl acetate	0.098	0.093	-	5.1	20	151	0
Carbon tetrachloride	0.237	0.213	-	10.1	20	139	0
Tetrahydrofuran	0.036	0.034	-	5.6	20	160	0
Dibromofluoromethane	0.244	0.254	-	-4.1	20	165	0
1,1,1-Trichloroethane	0.245	0.237	-	3.3	20	143	0
2-Butanone	0.041	0.043	-	-4.9	20	173	0
1,1-Dichloropropene	0.2	0.194	-	3	20	148	0
Benzene	0.61	0.588	-	3.6	20	148	0
tert-Amyl methyl ether	0.378	0.274	-	27.5*	20	110	0
1,2-Dichloroethane-d4	0.243	0.272	-	-11.9	20	186	0
1,2-Dichloroethane	0.203	0.21	-	-3.4	20	158	0
Methyl cyclohexane	0.3	0.28	-	6.7	20	145	0
Trichloroethene	0.17	0.158*	-	7.1	20	147	0
Dibromomethane	0.088	0.089	-	-1.1	20	151	0
1,2-Dichloropropane	0.161	0.162*	-	-0.6	20	154	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA116
 Lab File ID : V16251031B02
 Sample No : WG2135856-2
 Channel :

Lab Number : L2566646
 Project Number : W96.013.001
 Calibration Date : 10/31/25 07:07
 Init. Calib. Date(s) : 10/01/25 10/01/25
 Init. Calib. Times : 05:15 08:00

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Bromodichloromethane	0.236	0.231*	-	2.1	20	146	0
1,4-Dioxane	0.00071	0.00082*	-	-15.5	20	182	0
cis-1,3-Dichloropropene	0.26	0.238*	-	8.5	20	141	0
Chlorobenzene-d5	1	1	-	0	20	163	0
Toluene-d8	1.464	1.483	-	-1.3	20	164	0
Toluene	0.649	0.6	-	7.6	20	142	0
4-Methyl-2-pentanone	0.061	0.047	-	23*	20	124	0
Tetrachloroethene	0.276	0.244	-	11.6	20	139	0
trans-1,3-Dichloropropene	0.338	0.286*	-	15.4	20	128	0
Ethyl methacrylate	0.236	0.183	-	22.5*	20	119	0
1,1,2-Trichloroethane	0.169	0.163*	-	3.6	20	153	0
Chlorodibromomethane	0.274	0.238	-	13.1	20	138	0
1,3-Dichloropropane	0.33	0.326	-	1.2	20	152	0
1,2-Dibromoethane	0.205	0.177*	-	13.7	20	132	0
2-Hexanone	0.102	0.089	-	12.7	20	132	0
Chlorobenzene	0.532	0.491	-	7.7	20	148	0
Ethylbenzene	1.34	1.19	-	11.2	20	142	0
1,1,1,2-Tetrachloroethane	0.277	0.236	-	14.8	20	132	0
p/m Xylene	0.506	0.461	-	8.9	20	142	0
o Xylene	0.499	0.432	-	13.4	20	137	0
Styrene	0.852	0.739	-	13.3	20	137	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	160	0
Bromoform	0.233	0.171	-	26.6*	20	125	0
Isopropylbenzene	1.909	1.789	-	6.3	20	141	0
4-Bromofluorobenzene	0.747	0.794	-	-6.3	20	171	0
Bromobenzene	0.437	0.387	-	11.4	20	136	0
n-Propylbenzene	2.257	2.152	-	4.7	20	144	0
1,4-Dichlorobutane	0.489	0.496	-	-1.4	20	157	0
1,1,2,2-Tetrachloroethane	0.325	0.306	-	5.8	20	141	0
4-Ethyltoluene	1.851	1.759	-	5	20	142	0
2-Chlorotoluene	1.466	1.464	-	0.1	20	152	0
1,3,5-Trimethylbenzene	1.571	1.514	-	3.6	20	145	0
1,2,3-Trichloropropane	0.245	0.245	-	0	20	156	0
trans-1,4-Dichloro-2-buten	0.095	0.085	-	10.5	20	131	0
4-Chlorotoluene	1.316	1.287	-	2.2	20	149	0
tert-Butylbenzene	1.42	1.291	-	9.1	20	135	0
1,2,4-Trimethylbenzene	1.511	1.431	-	5.3	20	142	0
sec-Butylbenzene	2.133	2.025	-	5.1	20	142	0
p-Isopropyltoluene	1.953	1.67	-	14.5	20	125	0
1,3-Dichlorobenzene	1.014	0.933	-	8	20	138	0
1,4-Dichlorobenzene	0.893	0.81	-	9.3	20	142	0
p-Diethylbenzene	1.083	0.948	-	12.5	20	134	0
n-Butylbenzene	1.54	1.484	-	3.6	20	144	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : VOA116
 Lab File ID : V16251031B02
 Sample No : WG2135856-2
 Channel :

Lab Number : L2566646
 Project Number : W96.013.001
 Calibration Date : 10/31/25 07:07
 Init. Calib. Date(s) : 10/01/25 10/01/25
 Init. Calib. Times : 05:15 08:00

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichlorobenzene	0.795	0.72	-	9.4	20	138	0
1,2,4,5-Tetramethylbenzene	1.4	1.258	-	10.1	20	142	0
1,2-Dibromo-3-chloropropan	0.046	0.038	-	17.4	20	122	0
1,3,5-Trichlorobenzene	0.563	0.503	-	10.7	20	142	0
Hexachlorobutadiene	0.208	0.178	-	14.4	20	138	0
1,2,4-Trichlorobenzene	0.466	0.386*	-	17.2	20	133	0
Naphthalene	0.874	0.714	-	18.3	20	129	0
1,2,3-Trichlorobenzene	0.381	0.335*	-	12.1	20	139	0

* Value outside of QC limits.



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101_102125
 Lab Sample ID : L2566646-01
 Matrix Spike : WG2132578-4
 Matrix Spike Dup : WG2132578-5

Lab Number : L2566646
 Project Number : W96.013.001
 Matrix (Level) : WATER (LOW)
 Analysis Date : 10/25/25 14:30
 MS Analysis Date : 10/25/25 14:53
 MSD Analysis Date : 10/25/25 15:16

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	13.	65	20	9.5	48	31 Q	40-140	30
3,3'-Dichlorobenzidine	ND	20	11.	55	20	11.	55	0	40-140	30
2,4-Dinitrotoluene	ND	20	20.	100	20	16.	80	22	48-143	30
2,6-Dinitrotoluene	ND	20	18.	90	20	14.	70	25	40-140	30
4-Chlorophenyl phenyl ether	ND	20	17.	85	20	13.	65	27	40-140	30
4-Bromophenyl phenyl ether	ND	20	16.	80	20	14.	70	13	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	14.	70	20	10.	50	33 Q	40-140	30
Bis(2-chloroethoxy)methane	ND	20	14.	70	20	11.	55	24	40-140	30
Hexachlorocyclopentadiene	ND	20	13.J	65	20	11.J	55	17	40-140	30
Isophorone	ND	20	14.	70	20	11.	55	24	40-140	30
Nitrobenzene	ND	20	15.	75	20	11.	55	31 Q	40-140	30
NDPA/DPA	ND	20	19.	95	20	15.	75	24	40-140	30
n-Nitrosodi-n-propylamine	ND	20	14.	70	20	11.	55	24	29-132	30
Bis(2-ethylhexyl)phthalate	2.1J	20	20.	100	20	17.	85	16	40-140	30
Butyl benzyl phthalate	ND	20	22.	110	20	18.	90	20	40-140	30
Di-n-butylphthalate	1.9J	20	23.	120	20	19.	95	19	40-140	30
Di-n-octylphthalate	ND	20	20.	100	20	17.	85	16	40-140	30
Diethyl phthalate	ND	20	18.	90	20	15.	75	18	40-140	30
Dimethyl phthalate	ND	20	18.	90	20	14.	70	25	40-140	30
Biphenyl	ND	20	15.	75	20	11.	55	31 Q	40-140	30
4-Chloroaniline	ND	20	13.	65	20	10.	50	26	40-140	30
2-Nitroaniline	ND	20	19.	95	20	16.	80	17	52-143	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101_102125
 Lab Sample ID : L2566646-01
 Matrix Spike : WG2132578-4
 Matrix Spike Dup : WG2132578-5

Lab Number : L2566646
 Project Number : W96.013.001
 Matrix (Level) : WATER (LOW)
 Analysis Date : 10/25/25 14:30
 MS Analysis Date : 10/25/25 14:53
 MSD Analysis Date : 10/25/25 15:16

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	19.	95	20	16.	80	17	25-145	30
4-Nitroaniline	ND	20	21.	110	20	17.	85	21	51-143	30
Dibenzofuran	ND	20	17.	85	20	13.	65	27	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	13.	65	20	10.	50	26	2-134	30
Acetophenone	ND	20	15.	75	20	11.	55	31 Q	39-129	30
2,4,6-Trichlorophenol	ND	20	17.	85	20	14.	70	19	30-130	30
p-Chloro-m-cresol	ND	20	19.	95	20	15.	75	24	23-97	30
2-Chlorophenol	ND	20	15.	75	20	11.	55	31 Q	27-123	30
2,4-Dichlorophenol	ND	20	16.	80	20	12.	60	29	30-130	30
2,4-Dimethylphenol	ND	20	14.	70	20	11.	55	24	30-130	30
2-Nitrophenol	ND	20	16.	80	20	13.	65	21	30-130	30
4-Nitrophenol	ND	20	18.	90 Q	20	16.	80	12	10-80	30
2,4-Dinitrophenol	ND	20	23.	120	20	20.	100	14	20-130	30
4,6-Dinitro-o-cresol	ND	20	21.	110	20	18.	90	15	20-164	30
Phenol	ND	20	9.2	46	20	6.7	34	31 Q	12-110	30
2-Methylphenol	ND	20	15.	75	20	12.	60	22	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	16.	80	20	12.	60	29	30-130	30
2,4,5-Trichlorophenol	ND	20	19.	95	20	15.	75	24	30-130	30
Carbazole	ND	20	20.	100	20	16.	80	22	55-144	30
Atrazine	ND	20	22.	110	20	17.	85	26	40-140	30
Benzaldehyde	ND	20	25.	130	20	19.	95	27	40-140	30
Caprolactam	1.3J	20	9.4J	47	20	8.2J	41	14	10-130	30



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 14:30
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	1.9	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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 14:30
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	1.3	10	1.2	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 14:30
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 15:39
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.0	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	2.5	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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 15:39
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	1.6	10	1.2	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 15:39
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:01
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.0	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	1.9	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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:01
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	1.3	5.0	0.35	J
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	1.7	5.0	1.4	J
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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:01
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:24
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.2	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:24
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	2.1	10	1.2	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:24
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:47
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	2.4	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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:47
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	1.5	10	1.2	J



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 66646-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/25/25 16:47
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : ALL
 Instrument ID : SV112
 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132578-1
 Client ID : WG2132578-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 132578-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/25/25 12:14
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	1.9	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
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132578-1
 Client ID : WG2132578-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 132578-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/25/25 12:14
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV112
 GC Column : RTX5-MS
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U



Results Summary

Form 1

Semivolatile Organics by GC/MS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132578-1
 Client ID : WG2132578-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E
 Lab File ID : 132578-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/25/25 12:14
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : SMZ
 Instrument ID : SV112
 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



Evaluate Continuing Calibration Report

Data Path : I:\8270\SV112\250817RVTical\
 Data File : ABNICVa.D
 Acq On : 18 Aug 2025 06:27 am
 Operator : SV112:slr
 Sample : CQICV,32,,ABNICV Lot# 11881
 Misc : WG2104073,,ical
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 18 09:11:12 2025
 Quant Method : I:\8270\SV112\250817RVTical\FS250817SV112RVT.m
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Mon Aug 18 09:02:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
2 T	n-Nitrosodimethylamine	0.792	0.776	2.0	84	0.00
3 T	Pyridine	1.349	1.396	-3.5	95	0.00
4 S	2-Fluorophenol	1.105	1.040	5.9	79	0.00
5 T	Aniline	* 5.000	4.481	10.4	85	0.00
6 T	2-Chlorophenol	1.287	1.267	1.6	81	0.00
7 S	Phenol-d6	1.428	1.443	-1.1	84	0.00
8 T	Phenol	1.581	1.586	-0.3	85	0.00
9 T	Bis(2-chloroethyl)ether	1.319	1.272	3.6	84	0.00
10 T	1,3-Dichlorobenzene	1.573	1.540	2.1	87	0.00
11 T	1,4-Dichlorobenzene	1.611	1.541	4.3	84	0.00
12 T	1,2-Dichlorobenzene	1.557	1.471	5.5	83	0.00
13 T	Benzyl alcohol	1.122	1.101	1.9	85	0.00
14 T	Bis(2-chloroisopropyl)ether	2.148	2.124	1.1	86	0.00
15 T	2-Methylphenol	1.155	1.199	-3.8	87	0.00
16 T	Hexachloroethane	0.596	0.578	3.0	85	0.00
17 T	n-Nitrosodi-n-propylamine	1.032	1.019	1.3	84	0.00
18 T	3-Methylphenol/4-Methylphen	1.270	1.291	-1.7	87	0.00
19 S	Nitrobenzene-d5	1.354	1.333	1.6	83	0.00
20 T	Nitrobenzene	1.405	1.414	-0.6	86	0.00
21 T	Isophorone	2.849	2.846	0.1	84	0.00
22 T	2-Nitrophenol	* 5.000	3.891	22.2#	78	0.00
23 T	2,4-Dimethylphenol	1.510	1.415	6.3	82	0.00
24 T	Bis(2-chloroethoxy)methane	1.807	1.824	-0.9	86	0.00
25 T	2,4-Dichlorophenol	1.335	1.242	7.0	81	0.00
26 T	1,2,4-Trichlorobenzene	1.539	1.479	3.9	85	0.00
35 I	IS1_Naphthalene-d8	1.000	1.000	0.0	96	0.00
36 T	Naphthalene	1.063	1.015	4.5	85	0.00
37 T	Benzoic Acid	* 5.000	4.080	18.4	75	0.00
38 T	4-Chloroaniline	0.144	0.145	-0.7	88	0.00
39 T	Hexachlorobutadiene	0.253	0.231	8.7	82	0.00
40 T	p-Chloro-m-cresol	0.329	0.317	3.6	83	0.00
41 T	2-Methylnaphthalene	0.674	0.678	-0.6	89	0.00
42 T	1-Methylnaphthalene	0.269	0.259	3.7	87	0.00
43 T	Hexachlorocyclopentadiene	* 5.000	4.084	18.3	78	0.00
44 T	2,4,6-Trichlorophenol	* 5.000	4.080	18.4	81	0.00
45 T	2,4,5-Trichlorophenol	* 5.000	4.356	12.9	80	0.00
46 S	2-Fluorobiphenyl	0.927	0.901	2.8	84	0.00

Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : WATER (LOW)
 LCS Sample ID : WG2132579-2 Analysis Date : 10/28/25 13:57 File ID : 132579-2
 LCSD Sample ID : WG2132579-3 Analysis Date : 10/28/25 14:14 File ID : 132579-3

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	14	72	20	13	64	12	40-140	40
2-Chloronaphthalene	20	11	56	20	9.9	49	13	40-140	40
Fluoranthene	20	16	80	20	14	70	13	40-140	40
Hexachlorobutadiene	20	7.1	35 Q	20	6.9	34 Q	3	40-140	40
Naphthalene	20	11	56	20	10	52	7	40-140	40
Benzo(a)anthracene	20	17	83	20	14	72	14	40-140	40
Benzo(a)pyrene	20	18	91	20	16	80	13	40-140	40
Benzo(b)fluoranthene	20	17	87	20	16	78	11	40-140	40
Benzo(k)fluoranthene	20	18	89	20	16	79	12	40-140	40
Chrysene	20	19	94	20	16	83	12	40-140	40
Acenaphthylene	20	13	66	20	12	58	13	40-140	40
Anthracene	20	16	82	20	15	73	12	40-140	40
Benzo(ghi)perylene	20	17	86	20	15	77	11	40-140	40
Fluorene	20	15	75	20	13	66	13	40-140	40
Phenanthrene	20	16	79	20	14	70	12	40-140	40
Dibenzo(a,h)anthracene	20	18	91	20	16	81	12	40-140	40
Indeno(1,2,3-cd)pyrene	20	19	94	20	17	83	12	40-140	40
Pyrene	20	16	78	20	14	70	11	40-140	40
2-Methylnaphthalene	20	12	60	20	11	54	11	40-140	40
Pentachlorophenol	20	20	103	20	19	94	9	40-140	40
Hexachlorobenzene	20	15	75	20	13	67	11	40-140	40
Hexachloroethane	20	9.9	49	20	9.4	47	4	40-140	40



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 66646-01
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 15:55
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : LJG
 Instrument ID : SV125
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.16	0.10	0.02	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.04	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.03	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.08	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.03	0.10	0.03	J
85-01-8	Phenanthrene	0.08	0.10	0.04	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	0.02	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 66646-02
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 16:12
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : LJG
 Instrument ID : SV125
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.05	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.03	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.03	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	0.10	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 66646-03
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 16:29
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : LJG
 Instrument ID : SV125
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.06	0.10	0.02	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.07	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.07	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.03	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.04	0.10	0.03	J
85-01-8	Phenanthrene	0.14	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.03	J
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 66646-04
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 16:46
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : LJG
 Instrument ID : SV125
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.05	0.10	0.03	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.06	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	0.06	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.04	0.10	0.03	J
85-01-8	Phenanthrene	0.12	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	0.08	0.10	0.04	J
91-57-6	2-Methylnaphthalene	0.03	0.10	0.03	J
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	0.01	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 66646-05
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 17:03
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : LJG
 Instrument ID : SV125
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.18	0.10	0.02	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.15	0.10	0.03	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.03	0.10	0.02	J
56-55-3	Benzo(a)anthracene	0.11	0.10	0.03	
50-32-8	Benzo(a)pyrene	0.06	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.11	0.10	0.03	
207-08-9	Benzo(k)fluoranthene	0.06	0.10	0.03	J
218-01-9	Chrysene	0.10	0.10	0.03	J
208-96-8	Acenaphthylene	0.03	0.10	0.02	J
120-12-7	Anthracene	0.12	0.10	0.02	
191-24-2	Benzo(ghi)perylene	0.05	0.10	0.02	J
86-73-7	Fluorene	0.04	0.10	0.03	J
85-01-8	Phenanthrene	0.10	0.10	0.04	J
53-70-3	Dibenzo(a,h)anthracene	0.03	0.10	0.02	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	0.10	0.02	J
129-00-0	Pyrene	0.12	0.10	0.04	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	0.02	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

Semivolatile Organics by GC/MS-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132579-1
 Client ID : WG2132579-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : 132579-1
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/28/25 14:31
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : CSN
 Instrument ID : SV125
 GC Column : RXI-5SiLM
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : F610292519
 Sample Amount : 280 ml
 Extraction Method : EPA 3510C
 Extract Volume : 2500 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/29/25 20:40
 Date Extracted : 10/26/25
 Dilution Factor : 1
 Analyst : DMC
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	268	30.3	U



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : F610292522
 Sample Amount : 280 ml
 Extraction Method : EPA 3510C
 Extract Volume : 2500 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/29/25 21:46
 Date Extracted : 10/26/25
 Dilution Factor : 1
 Analyst : DMC
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	268	30.3	U



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : F610292523
 Sample Amount : 280 ml
 Extraction Method : EPA 3510C
 Extract Volume : 2500 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/29/25 22:08
 Date Extracted : 10/26/25
 Dilution Factor : 1
 Analyst : DMC
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	268	30.3	U



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : F610292524
 Sample Amount : 280 ml
 Extraction Method : EPA 3510C
 Extract Volume : 2500 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/29/25 22:30
 Date Extracted : 10/26/25
 Dilution Factor : 1
 Analyst : DMC
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	268	30.3	U



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : F610292525
 Sample Amount : 280 ml
 Extraction Method : EPA 3510C
 Extract Volume : 2500 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/29/25 22:52
 Date Extracted : 10/26/25
 Dilution Factor : 1
 Analyst : DMC
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	268	30.3	U



Results Summary

Form 1

1,4 Dioxane by 8270E-SIM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132816-1
 Client ID : WG2132816-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270E-SIM
 Lab File ID : F610282507
 Sample Amount : 250 ml
 Extraction Method : EPA 3510C
 Extract Volume : 2500 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/28/25 10:45
 Date Extracted : 10/26/25
 Dilution Factor : 1
 Analyst : DMC
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	300	33.9	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17251026a-13
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/26/25 13:53
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17251026a-19
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/26/25 15:42
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17251026a-20
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/26/25 16:00
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17251026a-22
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/26/25 16:36
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary
Form 1
Chlorinated Herbicides by GC

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-05
Client ID : DUP_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,8151A
Lab File ID : 17251026a-23
Sample Amount : 1000 ml
Extraction Method : EPA 8151A
Extract Volume : 10000 uL
GPC Cleanup : N
Sulfur Cleanup : N

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 00:00
Date Received : 10/21/25
Date Analyzed : 10/26/25 16:54
Date Extracted : 10/25/25
Dilution Factor : 1
Analyst : AKM
Instrument ID : PEST17
GC Column : STX-CLP1
%Solids : N/A
Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Results Summary

Form 1

Chlorinated Herbicides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132588-1
 Client ID : WG2132588-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8151A
 Lab File ID : 17251026a-10
 Sample Amount : 1000 ml
 Extraction Method : EPA 8151A
 Extract Volume : 10000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/26/25 12:59
 Date Extracted : 10/25/25
 Dilution Factor : 1
 Analyst : AKM
 Instrument ID : PEST17
 GC Column : STX-CLP1
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
94-75-7	2,4-D	ND	10.0	0.498	U
93-76-5	2,4,5-T	ND	2.00	0.531	U
93-72-1	2,4,5-TP (Silvex)	ND	2.00	0.539	U



Surrogate Recovery Summary

Form 2

PCBs

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2566646
Project Number: W96.013.001
Matrix: Water

GC Column 1: CLP-Pesticide
GC Column 2: CLP-PesticideII

CLIENT ID (LAB SAMPLE NO.)	TCX 1 %REC	TCX 2 %REC	DCB 1 %REC	DCB 2 %REC	OTHER (1)	OTHER (2)	TOT OUT
MW-101_102125 (L2566646-01)	80	82	70	55			0
MW-102_102125 (L2566646-02)	70	71	67	48			0
MW-103_102125 (L2566646-03)	79	78	72	34			0
MW-104_102125 (L2566646-04)	44	45	43	22*			1
DUP_102125 (L2566646-05)	77	77	69	33			0
WG2133179-1BLANK	64	65	60	56			0
WG2133179-2LCS	71	71	55	55			0
WG2133179-3LCSD	67	68	50	33			0
MW-101_102125MS	70	72	54	30			0
MW-101_102125MSD	72	71	63	43			0

QC LIMITS

(30-150) TCX = 2,4,5,6-TETRACHLORO-M-XYLENE

(30-150) DCBP = DECACHLOROBIPHENYL

* Values outside of QC limits

FORM II NYTCL-8082-RVT



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : 12251028a-65
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 500 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 20:31
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : 12251028a-68
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 500 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 20:55
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : 12251028a-69
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 500 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 21:03
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : 12251028a-70
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 500 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 21:11
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : 12251028a-71
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 500 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 21:19
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : MHG
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U



Results Summary

Form 1

Polychlorinated Biphenyls by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2133179-1
 Client ID : WG2133179-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8082A
 Lab File ID : 12251028a-61
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 500 uL
 GPC Cleanup : N
 Sulfur Cleanup : Y

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/28/25 19:59
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : SDC
 Instrument ID : PEST12
 GC Column : CLP-Pesticide
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
12674-11-2	Aroclor 1016	ND	0.071	0.021	U
11104-28-2	Aroclor 1221	ND	0.071	0.026	U
11141-16-5	Aroclor 1232	ND	0.071	0.026	U
53469-21-9	Aroclor 1242	ND	0.071	0.026	U
12672-29-6	Aroclor 1248	ND	0.071	0.026	U
11097-69-1	Aroclor 1254	ND	0.071	0.026	U
11096-82-5	Aroclor 1260	ND	0.071	0.026	U
37324-23-5	Aroclor 1262	ND	0.071	0.026	U
11100-14-4	Aroclor 1268	ND	0.071	0.026	U
1336-36-3	PCBs, Total	ND	0.071	0.021	U



Evaluate Continuing Calibration Report

Data Path : I:\PCB\Pest12\2025\251022I\
 Data File : 12251022i-24.d
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 12:03
 Operator : Pest12:sd
 Sample : cicv1660,42e,,pp 12226 L250ICVRVT
 Misc : WG2132266, (Sig #1); , , ical22367 (Sig #2)
 ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Oct 23 18:12:37 2025
 Quant Method : I:\PCB\Pest12\2025\251022I\P12_pcb_10_22_25_RVT_ugL_ICAL.m
 Quant Title : pcb
 QLast Update : Thu Oct 23 18:10:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase:
 Signal #2 Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound		AvgRF	CCRF	%Dev	Area%	Dev(Min)
1 i	1660_1br2nb	^	1.000	1.000	0.0	112	0.00
2 s	2,4,5,6-Tetrachloro-m-xyl		1.317	0.934	29.1#	82	0.00
3 s	Decachlorobiphenyl		1.158	0.796	31.3#	86	0.00
4 l1	1016-1		0.024	0.021	12.5	109	0.00
5 l1	1016-2		0.051	0.043	15.7	97	0.00
6 l1	1016-3		0.114	0.094	17.5	99	0.00
7 l1	1016-4		0.050	0.040	20.0#	99	0.00
8 l1	1016-5		0.050	0.042	16.0	102	0.00
9 l2	1260-1		0.072	0.058	19.4	100	0.00
10 l2	1260-2		0.110	0.087	20.9#	97	0.00
11 l2	1260-3		0.059	0.056	5.1	114	0.00
12 l2	1260-4		0.115	0.113	1.7	112	0.00
13 l2	1260-5		0.070	0.064	8.6	107	0.00

Signal #2

1 i	1660_1br2nb	^	1.000	1.000	0.0	115	0.00
2 s	2,4,5,6-Tetrachloro-m-xyl		1.293	0.892	31.0#	84	0.00
3 s	Decachlorobiphenyl		0.941	0.616	34.5#	86	0.00
4 l1	1016-1		0.024	0.020	16.7	105	0.00
5 l1	1016-2		0.055	0.043	21.8#	101	0.00
6 l1	1016-3		0.114	0.089	21.9#	99	0.00
7 l1	1016-4		0.045	0.036	20.0#	100	0.00
8 l1	1016-5		0.035	0.029	17.1	103	0.00
9 l2	1260-1		0.068	0.052	23.5#	96	0.00
10 l2	1260-2		0.081	0.064	21.0#	101	0.00
11 l2	1260-3		0.061	0.052	14.8	108	0.00
12 l2	1260-4		0.115	0.105	8.7	114	0.00
13 l2	1260-5		0.083	0.072	13.3	110	0.00

Calibration Verification Summary

Form 7

PCBs

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : PEST12
 Lab File ID : 12251028a-37
 Sample No : WG2133737-5
 Channel : B

Lab Number : L2566646
 Project Number : W96.013.001
 Calibration Date : 10/28/25 15:00
 Init. Calib. Date(s) : 10/22/25 10/22/25
 Init. Calib. Times : 09:30 11:22

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb #2	1	1	-	0	20	114	0
2,4,5,6-Tetrachloro-m-xylene	1.293	0.92	-	28.8*	20	86	0
Decachlorobiphenyl #2	0.941	0.615	-	34.6*	20	85	.05
1016-1 #2	0.024	0.02	-	16.7	20	106	.01
1016-2 #2	0.055	0.044	-	20	20	101	.02
1016-3 #2	0.114	0.09	-	21.1*	20	99	.03
1016-4 #2	0.045	0.037	-	17.8	20	100	.03
1016-5 #2	0.035	0.029	-	17.1	20	104	.04
1260-1 #2	0.068	0.051	-	25*	20	92	.04
1260-2 #2	0.081	0.061	-	24.7*	20	97	.04
1260-3 #2	0.061	0.05	-	18	20	104	.03
1260-4 #2	0.115	0.103	-	10.4	20	111	.03
1260-5 #2	0.083	0.071	-	14.5	20	108	.03

* Value outside of QC limits.



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-23
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 11:58
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.006	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.024	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.150	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-23
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 11:58
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-26
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 12:31
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.006	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.024	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.150	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-26
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 12:31
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-27
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 12:42
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.006	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.024	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.150	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-27
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 12:42
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-28
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 12:53
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.006	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.024	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.150	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-28
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 12:53
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-29
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 13:04
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.006	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.024	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.150	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-29
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/28/25 13:04
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2133178-1
 Client ID : WG2133178-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-20
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/28/25 11:25
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
319-86-8	Delta-BHC	ND	0.014	0.006	U
58-89-9	Lindane	ND	0.014	0.005	U
319-84-6	Alpha-BHC	ND	0.014	0.006	U
319-85-7	Beta-BHC	ND	0.020	0.014	U
76-44-8	Heptachlor	ND	0.014	0.005	U
309-00-2	Aldrin	ND	0.014	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.014	0.005	U
72-20-8	Endrin	ND	0.029	0.008	U
7421-93-4	Endrin aldehyde	ND	0.030	0.018	U
53494-70-5	Endrin ketone	ND	0.029	0.014	U
60-57-1	Dieldrin	ND	0.029	0.004	U
72-55-9	4,4'-DDE	ND	0.029	0.010	U
72-54-8	4,4'-DDD	ND	0.029	0.010	U
50-29-3	4,4'-DDT	ND	0.029	0.024	U
959-98-8	Endosulfan I	ND	0.014	0.005	U
33213-65-9	Endosulfan II	ND	0.029	0.008	U
1031-07-8	Endosulfan sulfate	ND	0.029	0.007	U
72-43-5	Methoxychlor	ND	0.143	0.014	U
8001-35-2	Toxaphene	ND	0.200	0.150	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.011	U



Results Summary

Form 1

Organochlorine Pesticides by GC

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2133178-1
 Client ID : WG2133178-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8081B
 Lab File ID : 11251028a-20
 Sample Amount : 100 ml
 Extraction Method : EPA 3510C
 Extract Volume : 1000 uL
 GPC Cleanup : N
 Sulfur Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 10/28/25 11:25
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : JAG
 Instrument ID : PEST11
 GC Column : CLPPesticides
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
57-74-9	Chlordane	ND	0.143	0.098	U



Laboratory Control Sample (Low Level) Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Matrix (Level) : WATER ()
 LCS Sample ID : WG2132948-2
 LCSD Sample ID :

Lab Number : L2566646
 Project Number : W96.013.001
 Analysis Date : 11/04/25 10:20
 File ID : SCI13_251104_35.wiff2
 Analysis Date :
 File ID :

Parameter	Laboratory Control Sample (LOW)			Laboratory Control Duplicate (LOW)			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
Perfluorobutanoic Acid (PFBA)	12.8	14.4	113				-	70-140	30
Perfluoropentanoic Acid (PFPeA)	6.4	6.93	108				-	65-135	30
Perfluorobutanesulfonic Acid (PFBS)	2.84	2.80	98				-	60-145	30
1H,1H,2H,2H-Perfluorohexanesulfon ic Acid (4:2FTS)		13.0	109				-	70-145	30
Perfluorohexanoic Acid (PFHxA)	3.2	3.18	100				-	70-145	30
Perfluoropentanesulfonic Acid (PFPeS)	3.02	2.80	93				-	65-140	30
Perfluoroheptanoic Acid (PFHpA)	3.2	3.71	116				-	70-150	30
Perfluorohexanesulfonic Acid (PFHxS)	2.94	3.44	117				-	65-145	30
Perfluorooctanoic Acid (PFOA)	3.2	3.74	117				-	70-150	30
1H,1H,2H,2H-Perfluorooctanesulfon ic Acid (6:2FTS)	12.2	16.1	132				-	65-155	30
Perfluoroheptanesulfonic Acid (PFHpS)	3.05	2.88	94				-	70-150	30
Perfluorononanoic Acid (PFNA)	3.2	3.68	115				-	70-150	30
Perfluorooctanesulfonic Acid	2.97	3.41	115				-	55-150	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Client Sample ID : MW-101_102125
 Lab Sample ID : L2566646-01
 Matrix Spike : WG2132948-4
 Matrix Spike Dup : WG2132948-5

Lab Number : L2566646
 Project Number : W96.013.001
 Matrix (Level) : WATER ()
 Analysis Date : 11/04/25 10:38
 MS Analysis Date : 11/04/25 10:47
 MSD Analysis Date : 11/04/25 10:56

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
ic Acid (8:2FTS)										
Perfluorononanesulfonic Acid (PFNS)	ND	34.4	29.2	85	39.7	31.4	79	7	65-145	30
N-Methyl Perfluorooctanesulfonamide (NMeFOSAA)	ND	35.5	43.4	122	41	39.9	97	8	50-140	30
Perfluoroundecanoic Acid (PFUnA)	ND	35.5	35.9	101	41	43.2	105	18	70-145	30
Perfluorodecanesulfonic Acid (PFDS)	ND	34.4	20.4	59 Q	39.7	20.6	52 Q	1	60-145	30
Perfluorooctanesulfonamide (PFOSA)	ND	35.5	35.0	98	41	40.0	98	13	70-145	30
N-Ethyl Perfluorooctanesulfonamide (NEtFOSAA)	ND	35.5	39.0	110	41	47.8	117	20	70-145	30
Perfluorododecanoic Acid (PFDoA)	ND	35.5	34.0	96	41	39.9	97	16	70-140	30
Perfluorotridecanoic Acid (PFTTrDA)	ND	35.5	36.4	102	41	43.6	106	18	65-140	30
Perfluorotetradecanoic Acid (PFTeDA)	ND	35.5	31.4	88	41	40.2	98	25	60-140	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	142	135	95	164	154	94	13	70-140	30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	134	132	98	155	165	106	22	65-145	30
Perfluorododecanesulfonic Acid	ND	34.7	22.1	64	40	22.4	56	1	50-145	30



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2566646
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-101_102125 (L2566646-01)	97	93	94	270*	99	102	94
MW-102_102125 (L2566646-02)	90	90	84	201*	81	90	91
MW-103_102125 (L2566646-03)	91	94	84	302*	96	92	97
MW-104_102125 (L2566646-04)	91	91	84	218*	91	97	97
DUP_102125 (L2566646-05)	101	101	86	256*	105	108	93
EQUIPMENT BLANK (L2566646-06)	96	105	104	92	95	91	100
WG2132948-1BLANK	100	95	100	92	94	93	97
WG2132948-2LCS	92	99	90	83	97	88	90
WG2132948-3LCS	92	89	105	90	91	83	104
MW-101_102125MS	96	91	90	249*	98	104	96
MW-101_102125MSD	94	93	85	225*	95	95	96

QC LIMITS

(5-130) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
 (40-130) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
 (40-135) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
 (40-200) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2566646
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-101_102125 (L2566646-01)	92	313*	80	88	88	176	108
MW-102_102125 (L2566646-02)	79	170	84	80	86	105	78
MW-103_102125 (L2566646-03)	88	363*	83	87	82	205	143
MW-104_102125 (L2566646-04)	83	222*	87	91	84	126	98
DUP_102125 (L2566646-05)	93	282*	98	96	99	167	125
EQUIPMENT BLANK (L2566646-06)	90	91	93	95	101	89	103
WG2132948-1BLANK	90	102	99	94	94	92	73
WG2132948-2LCS	92	81	94	95	92	89	71
WG2132948-3LCS	95	107	95	96	86	108	80
MW-101_102125MS	93	244*	91	90	87	164	95
MW-101_102125MSD	92	258*	93	93	87	133	87

QC LIMITS

- (40-130) S8 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)
 (40-200) 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)
 (40-300) S13 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
 (40-170) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2566646
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()
MW-101_102125 (L2566646-01)	78	63	81	47	50	100	46
MW-102_102125 (L2566646-02)	72	59	66	49	53	90	43
MW-103_102125 (L2566646-03)	78	62	135	59	59	93	52
MW-104_102125 (L2566646-04)	79	70	82	54	62	89	54
DUP_102125 (L2566646-05)	92	74	97	59	61	101	54
EQUIPMENT BLANK (L2566646-06)	88	76	83	73	86	92	62
WG2132948-1BLANK	90	80	75	76	87	92	56
WG2132948-2LCS	92	83	79	80	99	100	56
WG2132948-3LCS	92	83	83	80	87	90	62
MW-101_102125MS	80	64	89	55	64	101	48
MW-101_102125MSD	81	60	75	49	56	100	42

QC LIMITS

- (30-130) S15 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)
 (40-130) S16 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
 (25-135) S17 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
 (10-130) S18 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
 (10-130) 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: C&S Companies
Project Name: OLD ERIE COMMONS

Lab Number: L2566646
Project Number: W96.013.001
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S22 ()	S23 ()	S24 ()	S25 ()	S26 ()	S27 ()	S28 ()	TOT OUT
MW-101_102125 (L2566646-01)	42	38	40	--	--	--	--	2
MW-102_102125 (L2566646-02)	42	41	42	--	--	--	--	1
MW-103_102125 (L2566646-03)	50	48	51	--	--	--	--	2
MW-104_102125 (L2566646-04)	52	52	53	--	--	--	--	2
DUP_102125 (L2566646-05)	50	47	48	--	--	--	--	2
EQUIPMENT BLANK (L2566646-06)	64	66	76	--	--	--	--	0
WG2132948-1BLANK	63	66	76	--	--	--	--	0
WG2132948-2LCS	60	71	79	--	--	--	--	0
WG2132948-3LCS	65	70	79	--	--	--	--	0
MW-101_102125MS	45	44	45	--	--	--	--	2
MW-101_102125MSD	41	38	38	--	--	--	--	2

QC LIMITS

(10-130) S22 = N-ETHYL-D5-PERFLUORO-1-OCTANESULFONAMIDE (D5-NETFOSE)
(10-130) S23 = 2-(N-METHYL-D3-PERFLUORO-1-OCTANESULFONAMIDO)ETHAN-D4-OL (D7-NMEFOSE)
(10-130) 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 : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_37
 Sample Amount : 502.08 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 10:38
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	6.98	6.37	2.37	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	2.42	3.19	0.590	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.09	1.59	0.510	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.37	1.48	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.17	1.59	0.382	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.59	0.366	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.59	1.59	0.494	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.41	1.59	0.271	
335-67-1	Perfluorooctanoic Acid (PFOA)	4.35	1.59	0.398	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.37	3.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.59	0.494	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.558	1.59	0.239	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	8.80	1.59	0.271	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.59	0.414	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.37	3.04	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.59	0.239	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.59	1.15	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.59	0.382	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_37
 Sample Amount : 502.08 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 10:38
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.59	0.271	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.59	0.319	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.59	0.733	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.59	0.446	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.59	0.271	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.59	0.191	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.37	0.940	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.37	1.24	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.59	0.335	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.37	0.701	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.37	0.478	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.59	0.621	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.59	0.462	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.9	1.69	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_37
 Sample Amount : 502.08 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 10:38
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	15.9	1.40	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.19	0.143	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.19	0.828	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.19	0.398	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.19	0.940	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.97	2.06	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	39.8	11.4	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	39.8	12.0	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_40
 Sample Amount : 579.52 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:05
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	5.87	5.52	2.06	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3.46	2.76	0.511	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.69	1.38	0.442	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.52	1.28	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	3.30	1.38	0.331	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.38	0.318	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.36	1.38	0.428	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.67	1.38	0.235	
335-67-1	Perfluorooctanoic Acid (PFOA)	6.71	1.38	0.345	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.52	2.80	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.38	0.428	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.676	1.38	0.207	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.94	1.38	0.235	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.38	0.359	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.52	2.64	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.38	0.207	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.38	0.994	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.38	0.331	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_40
 Sample Amount : 579.52 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:05
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.38	0.235	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.38	0.276	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.38	0.635	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.38	0.386	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.38	0.235	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.38	0.166	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.52	0.814	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.52	1.08	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.38	0.290	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.52	0.607	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.52	0.414	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.38	0.538	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.38	0.400	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	13.8	1.46	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_40
 Sample Amount : 579.52 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:05
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	13.8	1.21	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.76	0.124	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.76	0.718	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.76	0.345	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.76	0.814	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	6.90	1.78	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	34.5	9.91	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	34.5	10.4	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_41
 Sample Amount : 562.23 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:14
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	2.66	5.69	2.12	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	0.612	2.84	0.526	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.555	1.42	0.455	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.69	1.32	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.939	1.42	0.341	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.42	0.327	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.911	1.42	0.441	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.20	1.42	0.242	J
335-67-1	Perfluorooctanoic Acid (PFOA)	1.17	1.42	0.356	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.69	2.89	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.42	0.441	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.341	1.42	0.213	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.740	1.42	0.242	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.42	0.370	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.69	2.72	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.42	0.213	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.42	1.02	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.42	0.341	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_41
 Sample Amount : 562.23 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:14
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.42	0.242	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.42	0.284	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.42	0.654	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.42	0.398	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.42	0.242	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.42	0.171	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.69	0.840	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.69	1.11	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.42	0.299	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.69	0.626	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.69	0.427	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.42	0.555	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.42	0.413	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.2	1.51	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_41
 Sample Amount : 562.23 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:14
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.2	1.25	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.84	0.128	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.84	0.740	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.84	0.356	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.84	0.840	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.11	1.84	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.6	10.2	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.6	10.7	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_44
 Sample Amount : 565.86 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:44
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	4.00	5.66	2.11	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.29	2.83	0.523	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.806	1.41	0.452	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.66	1.31	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.14	1.41	0.339	J
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.41	0.325	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.919	1.41	0.438	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.00	1.41	0.240	J
335-67-1	Perfluorooctanoic Acid (PFOA)	2.90	1.41	0.353	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.66	2.87	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.41	0.438	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.325	1.41	0.212	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.35	1.41	0.240	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.41	0.368	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.66	2.70	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.41	0.212	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.41	1.02	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.41	0.339	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_44
 Sample Amount : 565.86 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:44
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.41	0.240	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.41	0.283	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.41	0.650	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.41	0.396	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.41	0.240	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.41	0.170	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.66	0.834	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.66	1.10	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.41	0.297	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.66	0.622	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.66	0.424	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.41	0.551	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.41	0.410	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.1	1.50	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_44
 Sample Amount : 565.86 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:44
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.1	1.24	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.83	0.127	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.83	0.735	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.83	0.353	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.83	0.834	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.07	1.82	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.3	10.2	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.3	10.7	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_45
 Sample Amount : 557.05 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:53
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	6.72	5.74	2.14	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	2.05	2.87	0.531	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.92	1.44	0.460	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.74	1.34	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.33	1.44	0.345	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.44	0.330	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.55	1.44	0.445	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	3.29	1.44	0.244	
335-67-1	Perfluorooctanoic Acid (PFOA)	4.19	1.44	0.359	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.74	2.92	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.44	0.445	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.445	1.44	0.215	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	8.89	1.44	0.244	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.44	0.373	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.74	2.74	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.44	0.215	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.44	1.03	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.44	0.345	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_45
 Sample Amount : 557.05 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:53
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.44	0.244	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.44	0.287	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.44	0.661	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.44	0.402	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.44	0.244	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.44	0.172	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.74	0.847	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.74	1.12	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.44	0.302	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.74	0.632	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.74	0.431	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.44	0.560	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.44	0.416	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.4	1.52	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_45
 Sample Amount : 557.05 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 11:53
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.4	1.26	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.87	0.129	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.87	0.747	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	2.87	0.359	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.87	0.847	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.18	1.85	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.9	10.3	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.9	10.8	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-06
 Client ID : EQUIPMENT BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_46
 Sample Amount : 526.81 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 12:02
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	6.07	2.26	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	3.04	0.562	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.52	0.486	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.07	1.41	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.52	0.364	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.52	0.349	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.52	0.471	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.52	0.258	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.52	0.380	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.07	3.08	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.52	0.471	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.52	0.228	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.562	1.52	0.258	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.52	0.395	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.07	2.90	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.52	0.228	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.52	1.09	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.52	0.364	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-06
 Client ID : EQUIPMENT BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_46
 Sample Amount : 526.81 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 12:02
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.52	0.258	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.52	0.304	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.52	0.698	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.52	0.425	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.52	0.258	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.52	0.182	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.07	0.896	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.07	1.18	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.52	0.319	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.07	0.668	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.07	0.456	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.52	0.592	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.52	0.440	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.2	1.61	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-06
 Client ID : EQUIPMENT BLANK
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_46
 Sample Amount : 526.81 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 11/04/25 12:02
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	15.2	1.34	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.04	0.137	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.04	0.790	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.04	0.380	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.04	0.896	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.59	1.96	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	38.0	10.9	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	38.0	11.5	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132948-1
 Client ID : WG2132948-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_34
 Sample Amount : 500 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 11/04/25 10:11
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	6.40	2.38	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	3.20	0.592	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.60	0.512	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.40	1.49	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.60	0.384	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.60	0.368	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.60	0.496	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.304	1.60	0.272	J
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.60	0.400	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.40	3.25	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.60	0.496	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.60	0.240	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.496	1.60	0.272	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.60	0.416	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.40	3.06	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.60	0.240	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.60	1.15	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.60	0.384	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132948-1
 Client ID : WG2132948-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_34
 Sample Amount : 500 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 11/04/25 10:11
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.60	0.272	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.60	0.320	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.60	0.736	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.60	0.448	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.60	0.272	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.60	0.192	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.40	0.944	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.40	1.25	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.60	0.336	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.40	0.704	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.40	0.480	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.60	0.624	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.60	0.464	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	16.0	1.70	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by EPA 1633

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2132948-1
 Client ID : WG2132948-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 168,1633A
 Lab File ID : SCI13_251104_34
 Sample Amount : 500 g
 Extraction Method : EPA 1633
 Extract Volume : 8000 uL
 GPC Cleanup : N

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 11/04/25 10:11
 Date Extracted : 10/27/25
 Dilution Factor : 1
 Analyst : AC
 Instrument ID : LCMS13
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	16.0	1.41	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.20	0.144	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.20	0.832	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND	3.20	0.400	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.20	0.944	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	8.00	2.06	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	40.0	11.5	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	40.0	12.1	U



Calibration Verification Summary

Form 7

Semivolatiles

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : LCMS13
 Lab File ID : SCI13_251104_09
 Sample No : WG2136625-1
 Channel :

Lab Number : L2566646
 Project Number : W96.013.001
 Calibration Date : 11/04/25 06:13
 Init. Calib. Date(s) : 10/15/25 10/15/25
 Init. Calib. Times : 15:43 16:54

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.385	0.400	96.3	70-130
Perfluoropentanoic Acid (PFPeA)	0.189	0.200	94.3	70-130
Perfluorobutanesulfonic Acid (PFBS)	0.083	0.177	92.8	70-130
Perfluorohexanoic Acid (PFHxA)	0.094	0.100	93.7	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.385	0.750	102.5	70-130
Perfluoropentanesulfonic Acid (PFPeS)	0.095	0.094	101.1	70-130
Perfluoroheptanoic Acid (PFHpA)	0.109	0.100	109.2	70-130
Perfluorohexanesulfonic Acid (PFHxS)	0.100	0.091	110.3	70-130
Perfluorooctanoic Acid (PFOA)	0.113	0.100	113.4	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.351	0.380	92.3	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	0.079	0.095	83.5	70-130
Perfluorononanoic Acid (PFNA)	0.105	0.100	104.6	70-130
Perfluorooctanesulfonic Acid (PFOS)	0.120	0.093	128.5	70-130
Perfluorodecanoic Acid (PFDA)	0.096	0.100	96.4	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.380	0.384	99	70-130
Perfluorononanesulfonic Acid (PFNS)	0.074	0.096	76.8	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.099	0.100	98.6	70-130
Perfluoroundecanoic Acid (PFUnA)	0.100	0.100	100.5	70-130
Perfluorodecanesulfonic Acid (PFDS)	0.103	0.097	105.7	70-130
Perfluorooctanesulfonamide (PFOSA)	0.099	0.100	99	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.139	0.100	138.6*	70-130
Perfluorododecanoic Acid (PFDoA)	0.090	0.100	90.4	70-130
Perfluorotridecanoic Acid (PFTrDA)	0.106	0.100	106.4	70-130
Perfluorotetradecanoic Acid (PFTeDA)	0.097	0.100	97.1	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	0.353	0.400	88.3	70-130
4,8-Dioxo-3h-Perfluorononanoic Acid (ADONA)	0.427	0.378	112.9	70-130
Perfluorododecanesulfonic Acid (PFDoS)	0.104	0.097	107.3	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.424	0.374	113.3	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.440	0.378	116.3	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	0.094	0.100	94.2	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.092	0.100	91.5	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	0.998	1.000	99.8	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	0.972	1.000	97.2	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	0.176	0.200	88	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	0.185	0.200	92.7	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEA)	0.178	0.178	100	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	0.197	0.200	98.6	70-130
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	0.466	0.500	93.2	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	2.552	2.500	102.1	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	2.701	2.500	108	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	9.754	10.000	97.5	50-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	5.481	5.000	109.6	50-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.467	2.330	105.9	50-150

* Value outside of QC limits.



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-01
 Client ID : MW-101_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2135342.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 10:35
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 10:21
 Dilution Factor : 1
 Analyst : CEY
 Instrument ID : ICPMSX2
 %Solids : N/A
 Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0390	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00070	0.00050	0.00016	
7440-39-3	Barium, Total	0.04411	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	109.	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	2.30	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	38.1	0.0700	0.0242	
7439-96-5	Manganese, Total	0.03941	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	10.0	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	23.2	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2135342.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 16:16
 Dilution Factor : 1
 Analyst : CEY
 Instrument ID : ICPMSX2
 %Solids : N/A
 Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0148	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00130	0.00050	0.00016	
7440-39-3	Barium, Total	0.05540	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	122.	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	0.00022	0.00050	0.00016	J
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	2.97	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	67.7	0.0700	0.0242	
7439-96-5	Manganese, Total	0.1259	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	15.0	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	11.7	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-03
 Client ID : MW-103_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2135342.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 13:45
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 16:22
 Dilution Factor : 1
 Analyst : CEY
 Instrument ID : ICPMSX2
 %Solids : N/A
 Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0167	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00927	0.00050	0.00016	
7440-39-3	Barium, Total	0.1061	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	147.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00017	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00021	0.00050	0.00016	J
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	3.16	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	65.7	0.0700	0.0242	
7439-96-5	Manganese, Total	0.4231	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	37.1	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	26.5	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2135342.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 16:27
 Dilution Factor : 1
 Analyst : CEY
 Instrument ID : ICPMSX2
 %Solids : N/A
 Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0186	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00252	0.00050	0.00016	
7440-39-3	Barium, Total	0.03685	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	111.	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	2.54	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	44.3	0.0700	0.0242	
7439-96-5	Manganese, Total	0.1165	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	17.3	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	27.0	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2135342.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 10/31/25 16:33
 Dilution Factor : 1
 Analyst : CEY
 Instrument ID : ICPMSX2
 %Solids : N/A
 Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	0.0574	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00061	0.00050	0.00016	
7440-39-3	Barium, Total	0.04200	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	98.4	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	2.16	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	36.5	0.0700	0.0242	
7439-96-5	Manganese, Total	0.03755	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	9.34	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	21.6	0.500	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2133743-1
Client ID : WG2133743-1BLANK
Sample Location :
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2135342.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 10/31/25 10:04
Dilution Factor : 1
Analyst : CEY
Instrument ID : ICPMSX2
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	0.00096	0.00100	0.00044	J
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.500	0.0293	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U



Form 1 METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2133817-1
Client ID : WG2133817-1BLANK
Sample Location :
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2135386.csv
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 10/31/25 11:33
Dilution Factor : 1
Analyst : SMV
Instrument ID : ICPMSQ2
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	ND	0.00050	0.00016	U
7440-39-3	Barium, Dissolved	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	ND	0.100	0.0394	U
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	ND	0.0700	0.0242	U
7439-96-5	Manganese, Dissolved	ND	0.00100	0.00044	U
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	ND	0.100	0.0309	U
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	ND	0.500	0.0293	U
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1 METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-01
Client ID : MW-101_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,6020B
Lab File ID : WG2136148.pdf
Sample Amount : 50ml
Digestion Method : EPA 3005A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 10:35
Date Received : 10/21/25
Date Analyzed : 11/03/25 10:56
Dilution Factor : 1
Analyst : DHL
Instrument ID : ICPMSX2
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00028	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.04033	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	95.1	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	0.0259	0.0500	0.0191	J
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	37.9	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.03702	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	0.00072	0.00200	0.00055	J
7440-09-7	Potassium, Dissolved	8.99	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	22.6	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-05
 Client ID : DUP_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,6020B
 Lab File ID : WG2136148.pdf
 Sample Amount : 50ml
 Digestion Method : EPA 3005A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 00:00
 Date Received : 10/21/25
 Date Analyzed : 11/03/25 14:04
 Dilution Factor : 1
 Analyst : DHL
 Instrument ID : ICPMSX2
 %Solids : N/A
 Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7429-90-5	Aluminum, Dissolved	ND	0.0100	0.00327	U
7440-36-0	Antimony, Dissolved	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Dissolved	0.00028	0.00050	0.00016	J
7440-39-3	Barium, Dissolved	0.04098	0.00050	0.00017	
7440-41-7	Beryllium, Dissolved	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Dissolved	ND	0.00020	0.00005	U
7440-70-2	Calcium, Dissolved	93.6	0.100	0.0394	
7440-47-3	Chromium, Dissolved	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Dissolved	ND	0.00050	0.00016	U
7440-50-8	Copper, Dissolved	ND	0.00100	0.00038	U
7439-89-6	Iron, Dissolved	0.0730	0.0500	0.0191	
7439-92-1	Lead, Dissolved	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Dissolved	37.9	0.0700	0.0242	
7439-96-5	Manganese, Dissolved	0.03591	0.00100	0.00044	
7440-02-0	Nickel, Dissolved	ND	0.00200	0.00055	U
7440-09-7	Potassium, Dissolved	8.78	0.100	0.0309	
7782-49-2	Selenium, Dissolved	ND	0.00500	0.00173	U
7440-22-4	Silver, Dissolved	ND	0.00040	0.00016	U
7440-23-5	Sodium, Dissolved	21.9	0.500	0.0293	
7440-28-0	Thallium, Dissolved	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Dissolved	ND	0.00500	0.00157	U
7440-66-6	Zinc, Dissolved	ND	0.01000	0.00341	U



Form 2A

Initial and Continuing Calibration Verification

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Instrument ID : ICPMSX2

Lab Number : L2566646
 Project Number : W96.013.001
 Units : ug/l

Parameter	Initial Calibration			Continuing Calibration(s)						
	Lab ID	: R2031069-1		R2031069-4			R2031069-7		R2031069-9	
	Date Analyzed:	11/03/25 07:42		11/03/25 08:11			11/03/25 10:10		11/03/25 11:52	
	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Aluminum	50.0	46.9000	94	60.0000	63.8	106	62.1	104	66.4	111
Antimony	50.0	49.3000	99	60.0000	62.5	104	63.5	106	63.5	106
Arsenic	50.0	49.8000	100	60.0000	62.8	105	64.4	107	65.2	109
Barium	50.0	49.2000	98	60.0000	62.5	104	64.3	107	64.4	107
Beryllium	50.0	48.6000	97	60.0000	62.4	104	64.0	107	64.9	108
Cadmium	50.0	49.1000	98	60.0000	62.3	104	63.0	105	64.0	107
Calcium	5000	4850.0000	97	6000.0000	6080	101	5980	100	5950	99
Chromium	50.0	49.1000	98	60.0000	64.0	107	65.4	109	66.8	111
Cobalt	50.0	48.9000	98	60.0000	64.4	107	65.7	110	66.4	111
Copper	50.0	49.1000	98	60.0000	64.5	108	65.4	109	66.4	111
Iron	5000	4920.0000	98	6000.0000	6300	105	6500	108	6510	108
Lead	50.0	49.9000	100	60.0000	63.0	105	63.6	106	63.8	106
Magnesium	5000	4900.0000	98	6000.0000	6240	104	6200	103	6520	109
Manganese	50.0	48.5000	97	60.0000	63.1	105	64.7	108	65.4	109
Nickel	50.0	49.5000	99	60.0000	64.7	108	65.8	110	67.3	112
Potassium	5000	4880.0000	98	6000.0000	6010	100	5960	99	6000	100
Selenium	50.0	48.5000	97	60.0000	57.0	95	63.6	106	61.1	102
Silver	50.0	49.0000	98	60.0000	63.3	106	63.7	106	64.3	107
Sodium	5000	4840.0000	97	6000.0000	6160	103	5980	100	6170	103
Thallium	50.0	51.3000	103	60.0000	63.6	106	64.0	107	56.9	95
Vanadium	50.0	49.2000	98	60.0000	63.1	105	65.1	108	66.1	110
Zinc	50.0	50.4000	101	60.0000	61.9	103	63.2	105	64.2	107

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	77-123%	(Method 1631)	76-113%	(Method 245.7)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)		
	85-115%	(Method 200.8)	80-120%	(Methods 7470, 7471)
	77-123%	(Method 1631)	76-113%	(Method 245.7)



Form 3 Blanks

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Instrument ID : ICPMSX2

Lab Number : L2566646
Project Number : W96.013.001

Parameter	Lab ID	Initial Calibration		Continuing Calibration				Preparation			
		Blank		Blank(s)				Blank			
		R2030240-2		R2030240-5		R2030240-7		R2030240-10		WG2133743-1	
		Date Analyzed: 10/31/25 09:19		10/31/25 09:48		10/31/25 11:06		10/31/25 13:01		10/31/25 10:04	
		ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	mg/l	Q
Aluminum		3.27	U	3.27	U	3.27	U	3.27	U	0.00327	U
Antimony		0.429	U	0.429	U	0.429	U	0.429	U	0.00042	U
Arsenic		0.165	U	0.472	J	0.165	U	0.165	U	0.00016	U
Barium		0.173	U	0.173	U	0.173	U	0.173	U	0.00017	U
Beryllium		0.107	U	0.107	U	0.107	U	0.107	U	0.00010	U
Cadmium		0.0599	U	0.0599	U	0.0599	U	0.0599	U	0.00005	U
Calcium		39.4	U	39.4	U	39.4	U	39.4	U	0.0394	U
Chromium		0.178	U	0.178	U	0.178	U	0.178	U	0.00017	U
Cobalt		0.163	U	0.163	U	0.163	U	0.163	U	0.00016	U
Copper		0.384	U	0.384	U	0.384	U	0.384	U	0.00038	U
Iron		19.1	U	19.1	U	19.1	U	19.1	U	0.0191	U
Lead		0.343	U	0.343	U	0.343	U	0.343	U	0.00034	U
Magnesium		24.2	U	24.2	U	24.2	U	24.2	U	0.0242	U
Manganese		0.440	U	0.440	U	0.440	U	0.440	U	0.00096	J
Nickel		0.556	U	0.556	U	0.556	U	0.556	U	0.00055	U
Potassium		30.9	U	30.9	U	30.9	U	30.9	U	0.0309	U
Selenium		1.73	U	1.73	U	1.73	U	1.73	U	0.00173	U
Silver		0.163	U	0.163	U	0.163	U	0.163	U	0.00016	U
Sodium		29.3	U	29.3	U	29.3	U	29.3	U	0.0293	U
Thallium		0.143	U	0.143	U	0.143	U	0.143	U	0.00014	U
Vanadium		1.57	U	1.57	U	1.57	U	1.57	U	0.00157	U
Zinc		3.41	U	3.41	U	3.41	U	3.41	U	0.00341	U



Form 3 Blanks

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Instrument ID : ICPMSX2

Lab Number : L2566646
Project Number : W96.013.001

Parameter	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q
Aluminum	3.27	U	3.27	U	3.27	U	3.27	U
Antimony	0.429	U	0.429	U	0.429	U	0.429	U
Arsenic	0.165	U	0.682		0.353	J	0.205	J
Barium	0.173	U	0.173	U	0.173	U	0.173	U
Beryllium	0.107	U	0.107	U	0.107	U	0.107	U
Cadmium	0.0599	U	0.0599	U	0.0599	U	0.0599	U
Calcium	39.4	U	39.4	U	39.4	U	39.4	U
Chromium	0.178	U	0.178	U	0.178	U	0.178	U
Cobalt	0.163	U	0.163	U	0.163	U	0.163	U
Copper	0.384	U	0.384	U	0.384	U	0.384	U
Iron	19.1	U	19.1	U	19.1	U	19.1	U
Lead	0.343	U	0.343	U	0.343	U	0.343	U
Magnesium	24.2	U	24.2	U	24.2	U	24.2	U
Manganese	0.440	U	0.440	U	0.440	U	0.440	U
Nickel	0.556	U	0.556	U	0.556	U	0.556	U
Potassium	30.9	U	30.9	U	30.9	U	30.9	U
Selenium	1.73	U	1.73	U	1.73	U	1.73	U
Silver	0.163	U	0.163	U	0.163	U	0.163	U
Sodium	29.3	U	29.3	U	29.3	U	29.3	U
Thallium	0.143	U	0.143	U	0.143	U	0.143	U
Vanadium	1.57	U	1.57	U	1.57	U	1.57	U
Zinc	3.41	U	3.41	U	3.41	U	3.41	U



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-01
Client ID : MW-101_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2134618.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 10:35
Date Received : 10/21/25
Date Analyzed : 10/29/25 23:12
Dilution Factor : 1
Analyst : RDB
Instrument ID : NIC3
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-05
Client ID : DUP_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2134618.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 00:00
Date Received : 10/21/25
Date Analyzed : 10/29/25 23:59
Dilution Factor : 1
Analyst : RDB
Instrument ID : NIC3
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2133865-1
Client ID : WG2133865-1BLANK
Sample Location :
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2134618.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 10/29/25 23:06
Dilution Factor : 1
Analyst : RDB
Instrument ID : NIC3
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Dissolved	ND	0.00020	0.00009	U

Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-01
Client ID : MW-101_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2134618.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 10:35
Date Received : 10/21/25
Date Analyzed : 10/30/25 12:48
Dilution Factor : 1
Analyst : RDB
Instrument ID : NIC3
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-02
 Client ID : MW-102_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG2134618.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 12:45
 Date Received : 10/21/25
 Date Analyzed : 10/30/25 13:09
 Dilution Factor : 1
 Analyst : RDB
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-03
Client ID : MW-103_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2134618.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 13:45
Date Received : 10/21/25
Date Analyzed : 10/30/25 13:12
Dilution Factor : 1
Analyst : RDB
Instrument ID : NIC3
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1

METALS

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : L2566646-04
 Client ID : MW-104_102125
 Sample Location : CANASTOTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,7470A
 Lab File ID : WG2134618.pdf
 Sample Amount : 25ml
 Digestion Method : EPA 7470A

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : 10/21/25 15:15
 Date Received : 10/21/25
 Date Analyzed : 10/30/25 13:16
 Dilution Factor : 1
 Analyst : RDB
 Instrument ID : NIC3
 %Solids : N/A
 Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-05
Client ID : DUP_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2134618.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 00:00
Date Received : 10/21/25
Date Analyzed : 10/30/25 13:19
Dilution Factor : 1
Analyst : RDB
Instrument ID : NIC3
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1

METALS

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : WG2133746-1
Client ID : WG2133746-1BLANK
Sample Location :
Sample Matrix : WATER
Analytical Method : 1,7470A
Lab File ID : WG2134618.pdf
Sample Amount : 25ml
Digestion Method : EPA 7470A

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : NA
Date Received : NA
Date Analyzed : 10/30/25 12:41
Dilution Factor : 1
Analyst : RDB
Instrument ID : NIC3
%Solids : N/A
Date Digested : 10/28/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U



Form 1
WETCHEM

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-01
Client ID : MW-101_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,9010C/9012B
Lab File ID : TCN110325-A1
Sample Amount :
Digestion Method :

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 10:35
Date Received : 10/21/25
Date Analyzed : 11/03/25 12:01
Dilution Factor : 1
Analyst : JER
Instrument ID : LACHAT6
%Solids : N/A
Date Digested : 11/02/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-02
Client ID : MW-102_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,9010C/9012B
Lab File ID : TCN110325-A1
Sample Amount :
Digestion Method :

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 12:45
Date Received : 10/21/25
Date Analyzed : 11/03/25 12:06
Dilution Factor : 1
Analyst : JER
Instrument ID : LACHAT6
%Solids : N/A
Date Digested : 11/02/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-03
Client ID : MW-103_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,9010C/9012B
Lab File ID : TCN110325-A1
Sample Amount :
Digestion Method :

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 13:45
Date Received : 10/21/25
Date Analyzed : 11/03/25 12:09
Dilution Factor : 1
Analyst : JER
Instrument ID : LACHAT6
%Solids : N/A
Date Digested : 11/02/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-04
Client ID : MW-104_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,9010C/9012B
Lab File ID : TCN110325-A1
Sample Amount :
Digestion Method :

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 15:15
Date Received : 10/21/25
Date Analyzed : 11/03/25 12:10
Dilution Factor : 1
Analyst : JER
Instrument ID : LACHAT6
%Solids : N/A
Date Digested : 11/02/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1
WETCHEM

Client : C&S Companies
Project Name : OLD ERIE COMMONS
Lab ID : L2566646-05
Client ID : DUP_102125
Sample Location : CANASTOTA, NY
Sample Matrix : WATER
Analytical Method : 1,9010C/9012B
Lab File ID : TCN110325-A1
Sample Amount :
Digestion Method :

Lab Number : L2566646
Project Number : W96.013.001
Date Collected : 10/21/25 00:00
Date Received : 10/21/25
Date Analyzed : 11/03/25 12:11
Dilution Factor : 1
Analyst : JER
Instrument ID : LACHAT6
%Solids : N/A
Date Digested : 11/02/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U

Form 1

WETCHEM

Client : C&S Companies
 Project Name : OLD ERIE COMMONS
 Lab ID : WG2135981-1
 Client ID : WG2135981-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,9010C/9012B
 Lab File ID : TCN110325-A
 Sample Amount :
 Digestion Method :

Lab Number : L2566646
 Project Number : W96.013.001
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 11/03/25 11:57
 Dilution Factor : 1
 Analyst : JER
 Instrument ID : LACHAT6
 %Solids : N/A
 Date Digested : 11/02/25

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
57-12-5	Cyanide, Total	ND	0.005	0.001	U



Appendix G

Health and Safety Plan



C&S Engineers, Inc.
499 Colonel Eileen Collins Blvd.
Syracuse, New York 13212



Health and Safety Plan

Old Erie Commons

160 Center Street, Canastota, New York

BCP Site No. C727015

Prepared for:



Old Erie Commons, LLC
1201 East Fayette Street
Syracuse, New York

November 2025

C&S Project No. W96.013.001



Health and Safety Plan

**Old Erie Commons
160 Center Street
Canastota, Madison County, New York
BCP Site No. C727015**

Prepared for:



Old Erie Commons LLC
1201 East Fayette Street
Syracuse, New York

Prepared by:

C&S Engineers, Inc.
499 Col. Eileen Collins Boulevard
Syracuse, New York 13212

November 2025

C&S Project#: W96.013.001

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APPENDICES

Appendix A	Map and Directions to Hospital
Appendix B	Guidance on Incident Investigation and Reporting



EMERGENCY PHONE NUMBERS

Emergency Service.....	911
<u>Police</u> : Canastota Village Police Department.....	(315) 697-8888
<u>Fire</u> : Canastota Village Fire Department.....	(315) 697-3341
<u>Hospital</u> : Oneida Health Emergency Room	(315) 361-2024
Village of Canastota Department of Public Works	(315) 697-7042
National Response Center.....	(800) 424-8802
Poison Control Center.....	(800) 222-1222
Center for Disease Control.....	(800) 311-3435
NYSDEC Region 7 (Syracuse, New York).....	(315) 426-7551
Brittany O'Brien-Drake (NYSDEC Project Manager).....	(518) 402-9672
Aaron Keegan (NYSDOH Public Health Specialist)	(518) 402-1943
C&S Engineers	(315) 455-2000
Jamie Kowalczyk (Madison County).....	(315) 366-2376
Diana Jakimoski (Old Erie Commons LLC).....	(315) 472-3820

1.0 GENERAL INFORMATION

This Health and Safety Plan (HASP) addresses health and safety considerations for the activities that personnel employed by C&S Engineers, Inc., may be engaged in during site investigation and remedial activities at the Old Erie Commons BCP Site located at 160 Center Street, in the Village of Canastota, Madison County, New York; hereby, referred to as (Site). This HASP will be implemented by the Health and Safety Officer (HSO) during site work. All personnel engaged in the Phase II Environmental Site Investigation are required to maintain current HAZWOPER training, including initial 40-hour training, on-the-job training, and consistent annual 8-hour refresher training, as per the requirements of 29 CFR 1910.120.

Compliance with this HASP is required of C&S personnel who enter this Site. The content of the HASP may change or undergo revision based upon additional information made available to the health, safety, and training (H&S) committee, monitoring results or changes in the technical scope of work. Any changes proposed must be reviewed by the H&S committee.

1.1 Responsibilities

Project Manager	Matt Walker Phone: (315) 703-4323 Cell: (315) 200-5872
C&S Health and Safety Director	Mike Sherlock Phone: (315) 703-4210 Cell: (315) 420-3455
Site Health and Safety Officer	Nick Coulombe Phone: (315) 703-4281 Cell: (315) 720-8682
Emergency Coordinator.....	Nick Coulombe Phone: (315) 703-4281 Cell: (315) 720-8682

1.2 Applicable Standards and Regulations References

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only. Where a conflict or overlap among regulations and/or these specifications exist, the most stringent requirements shall apply. C&S's Project Manager will determine which requirements are most stringent.

- **AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)**
 - ANSI Z89.1, Personnel Protective Equipment-Protective Headwear for Industrial Workers-Requirements (Latest Revision)

- ANSI Z87.1, Occupational and Educational Personal Eye and Face Protection Devices
- ANSI Z9.2, Fundamentals Governing the Design and Operation of Local Exhaust Systems
- ANSI Z88.2-80, Practices for Respiratory Protection
- **CODE OF FEDERAL REGULATIONS (CFR)**
 - 29 CFR Subpart D Walking-Working Surfaces
 - 29 CFR 1910 Occupational Safety and Health Standards-All Sections
 - 29 CFR 1926 Safety and Health Regulations for Construction-All Sections
 - 40 CFR 50.6 National Primary and Secondary Ambient Air Quality Standards for Particulate Matter
 - 40 CFR 61 National Emissions Standards for Hazardous Air Pollutants (NESHAPS)-Subpart A-General Provisions
 - 49 CFR 172 Hazardous Material Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
- **NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)**
 - Publication Number 87-108 Respiratory Decision Logic
 - NIOSH/OSHA Booklet 3142 Lead in Construction
 - Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH Publication 85-115)
- **U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)**
 - PUB 3126 Working with Lead in the Construction Industry
 - 29 CFR 1910, Subpart I, Appendix B-Non-Mandatory Compliance Guidelines for Hazard Assessment and Personal Protective Equipment Selection

2.0 HEALTH AND SAFETY PERSONNEL

The following information briefly describes the health and safety designations and general responsibilities for this Site.

2.1 Project Manager (PM)

The PM is responsible for the overall project including the implementation of the HASP. Specifically, this includes allocating adequate manpower, equipment, and time resources to conduct Site activities safely.

2.2 Health and Safety Manager

- Has the overall responsibility for coordinating and reporting health and safety activities and the health and safety of Site Workers.
- Must have completed, at a minimum, the OSHA 30-Hour Construction Safety Training, and either the 24-Hour training course for the Occasional Hazardous Waste Site Worker or the 40-Hour training course for the Hazardous Waste Operations Worker that meets OSHA 29 CFR 1910.
- Must have completed the 8-Hour Site supervisor/manager's course for supervisors and managers having responsibilities for hazardous waste Site operations and management.
- Directs and coordinates health and safety monitoring activities.
- Ensures that field teams utilize proper personal protective equipment (PPE).
- Conducts initial on-site specific training prior to Site Workers commencing work.
- Conducts and documents daily and periodic safety briefings.
- Ensures that field team members comply with this HASP.
- Immediately notifies the Project Manager of all accident / incidents.
- Determines upgrading or downgrading of PPE based on Site conditions and/or real time monitoring results.
- Ensures that monitoring instruments are calibrated daily or as the manufacturer's instructions determine.
- Provides daily summaries of field operations and progress to the Project Manager.

- Submits and maintains all documentation required in this HASP and any other pertinent health and safety documentation.

2.3 Health and Safety Officer (HSO)

- Must be designated by the Health and Safety Manager and at a minimum, have the OSHA 10-Hour Construction Safety Training.
- Must schedule and attend a Pre-Construction Safety Meeting with the Health and Safety Manager to discuss the Subcontractor Safety Requirements and must attend the Weekly Subcontractor Coordination Meeting.
- Responsible for ensuring subcontractors and their lower tier contractors comply with project safety requirements.
- Must make frequent and regular inspections of their work areas and activities and ensure hazards that are under their control are corrected immediately and all other hazards are reported to the Project Manager and Health and Safety Manager.
- Must report all work-related injuries, regardless of severity, to the Project Manager and the Health and Safety Manager within 24 hours after they occur.

2.4 Emergency Coordinator

- The Emergency Coordinator or his on-site designee will, in coordination with the Authority / Agency having Jurisdiction, implement the emergency response procedures outlined in Section 12 whenever conditions at the Site warrant such action.
- The Emergency Coordinator or his on-site designee will be responsible for assuring the evacuation, emergency treatment, emergency transport of C&S personnel as necessary, and notification of emergency response units (refer to phone listing in the beginning of this HASP) and the appropriate management staff.

2.5 Site Workers

- Report any unsafe or potentially hazardous conditions to the HSO and the Health and Safety Manager.
- Maintain knowledge of the information, instructions, and emergency response actions contained in the HASP.
- Comply with rules, regulations, and procedures as set forth in this HASP, including any revisions that are instituted.
- Prevent unauthorized personnel from entering work Site.

3.0 SITE HAZARDS EVALUATION

3.1 Chemical Hazards

3.1.1 Nature of Chemical Hazards

The specific contaminants currently known to exist in each media are as follows:

Media	Contaminant Class	Identified Compounds
Soil	VOCs	Acetone
	SVOCs	Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene
	Pesticides	4,4'-DDD, 4,4'-DDE, 4,4'-DDT
	PCBs	Aroclor 1254
	Metals	Arsenic, barium, copper, lead, mercury, zinc
	PFAS	PFOS, PFOA
Groundwater	SVOCs	Benzo(a)anthracene
	Metals	Iron, magnesium, sodium
	PFAS	PFOS

3.1.2 Common Routes of Exposure

The contaminants at the Site may enter the human body in a variety of ways. Based on the nature of site contaminants, the chemical routes of exposure anticipated from the remedial activities at this site include:

Table 3-1: Routes of Exposure

Route	Mechanism	Control
Absorption	Dermal (skin) contact with impacted soil on-site resulting in absorption of chemicals of concern through the skin and into the blood stream.	Proper use of PPE will minimize risks of exposure at the site.
Ingestion	Chemicals / materials of concern can come in direct contact with the mouth from soil or other contaminated areas (PPE, skin, tools, etc.) and enter the bloodstream through the stomach lining.	Proper care in handling PPE and tools, refraining from eating and drinking at the Site, and frequent hand washing with soap and water will minimize risks of exposure.

Route	Mechanism	Control
Inhalation	Volatile vapors and/or contaminants attached to dust and particulates can be entrained by wind and become airborne across the site and be subsequently inhaled through the nose and / or mouth. This exposure route is the most likely way for worker exposure to occur.	Conduct monitoring of air quality for VOCs in worker breathing zones. Employ methods that minimize the creation of dust and utilize dust suppression techniques to minimize dust and particulates. Respirators with appropriate filtration and organic adsorption cartridges should be available to on-site workers in case volatile compounds become a nuisance or health hazard.

3.2 Physical Hazards

Based upon the anticipated field activities, the following potential physical hazardous conditions may exist:

Table 3-2: Physical Hazards

Category	Mechanism	Control
Mechanical Equipment	The use of typical mechanical equipment such as drill rigs and sampling vehicles can create a potential for crushing and pinching hazards due to movement and positioning of the equipment, movement of lever arms and hydraulics, and entanglement of clothing and appendages in exposed drives and tracks. Mechanical equipment can also create a potential for impact of steel tools, masts, and cables should equipment rigging fail, or other structural failures occur during hydraulic equipment operation.	Heavy equipment work must be conducted only by trained, experienced personnel. If possible, personnel must remain outside the turning radius of large, moving equipment. At a minimum, personnel must maintain visual contact with the equipment operator. When not operational, equipment must be set and locked so that it cannot be activated, released, dropped, etc. The mechanical equipment stated above represents typical equipment that is ordinarily used during this scope of work, but is not meant to be an all-inclusive list. Similar precautions should be used around other mechanical equipment deployed to the Site that is not listed above.

Category	Mechanism	Control
Excavations and Trenches	The use of excavation/trenching such as removal of overburden soils, installation of utilities, and site grading operations can cause potential for suffocation, crushing, or other injury from falling material. Advancement of excavation and trenches can also create possible damage/failure of any installed underground utility services and create hazards. Other hazards created can include tripping, slipping, or falling. Entering an excavation or trench could have the possibility of an explosive, flammable, toxic, or oxygen-deficient atmosphere within the excavation or trench.	Ensure compliance with OSHA's construction standard for excavations (29 CFR 1926 Subpart P). Designate a Competent Person responsible for selecting and implementing the appropriate protective system(s), assuring appropriate means of access and egress for excavations greater than four (4) feet in depth, and for ensuring that potential atmospheric and physical hazards associated with any excavation / trenching activities are completed in accordance with Subpart P and other applicable OSHA Standards.
Noise	Work around large equipment often creates excessive noise. Noise can cause workers to be startled, annoyed, and/or distracted; as well as causing pain, physical damage to the ear, and temporary and/or permanent hearing loss; and can interfere with communication.	If workers are subjected to noise exceeding an 8-hour time-weighted average sound level of 85 dBA, hearing protection will be required with an appropriate noise reduction rating to comply with 29 CFR 1910.95 and to reduce noise levels below levels of concern.
Slips/Trips/Falls	Personnel may encounter slip, trip, and fall hazards associated with excavations, manways, and construction debris and materials. Precautionary measures should be taken by identifying and removing slip, trip, and fall hazards prior to commencing work.	In the event slip, trip, and fall hazards cannot be removed or minimized, site workers will be shown the location of the physical hazard and be asked to avoid it during work activities.
Fire/Explosion	The potential for fire and/or explosion emergencies is always present on the Site.	Field vehicles will be equipped with a fire extinguisher. Employees, contractors and workers must be trained in the proper use of fire suppression equipment. However, large fires that cannot be controlled with a fire extinguisher shall be handled by professionals. The proper authorities shall be notified in these instances, as well as the HSO and Health and Safety Manager.

Category	Mechanism	Control
Cold Exposure	<p>Persons working in the outdoors in temperatures at or below freezing may be subject to frostbite. Extreme cold for a short time may cause injury to exposed body surfaces or result in a profound generalized cooling which can cause death. Areas of the body such as fingers, toes, and ears, are the most susceptible to cold stress. Ambient air temperature and wind velocity are two factors which influence the development of a cold weather injury. Local injury resulting from exposure to cold temperatures is known as "frostbite." There are several degrees of damage in which frostbite of the extremities can be categorized, as follows:</p> <ul style="list-style-type: none"> • Frost nip or incipient frostbite is characterized by sudden bleaching or whitening of the skin. • Superficial frostbite occurs when the skin has a waxy or white appearance and is firm to the touch, but tissue beneath is resilient. • Deep frostbite is characterized by tissues that are cold, pale, and solid; this is an extremely serious injury. 	<p>Wear several layers of dry clothes so that you can vary the amount of clothing to match the conditions. If there is wind, wear a windbreaker, since wind increases the effects of cold air and in turn lowers your body's core temperature even faster. Don't get overheated. Sweat can dampen clothing and in turn lead to over-cooling. Keep hands, feet, ears, and face warm. These are the areas of the body where frostbite tends to strike first. Heart disease and the use of sedatives or excessive alcohol will make you more susceptible to cold stress. If you feel chilly or sleepy, or have pain in your extremities, go to a warm shelter to recover.</p>

Category	Mechanism	Control
Heat Exposure/Stress	<p>Heat stress can result from a number of contributing factors, including environmental conditions, clothing, and workload as well as the physical condition of the individual. Since heat stress is one of the most common injuries / symptoms associated with outdoor work conducted with direct solar load, and, in particular, because wearing PPE can increase the risk of developing heat stress, workers must be capable of recognizing the signs and symptoms of heat-related illnesses. Signs and symptoms of heat-related illnesses which all on-site personnel should be aware, include the following:</p> <ul style="list-style-type: none"> • Heat rash may result from continuous exposure to heat or humid air. • Heat cramps are caused by heavy sweating and may include muscle spasms and pain in the hands, feet, and abdomen. • Heat exhaustion is indicated by pale, cool, and moist skin; heavy sweating; dizziness; nausea; and fainting. • Heat stroke is indicated by red, hot, and unusually dry skin; lack of or reduced perspiration; nausea; dizziness and confusion; rapid pulse; and coma. Immediate action must be taken to cool the body before serious injury or death occurs. 	<p>The following will steps will be taken to limit heat exposure: adjust schedules, take breaks, limit heavy work in protective clothing or in a hot environment may require more time resting than working. Schedule heavy work in the coolest part of the day. Have shaded rest shelters with chairs or benches. Drink Fluids. Sweating cools the body, but it also robs the body of fluid. Drink enough fluids to replace what you lose. You may not feel thirsty until you've become dehydrated. Drink regularly throughout the day. Don't wait until you're thirsty.</p> <p>Monitor for signs of potential heat exposure and stress through use of the "buddy system", with frequent communication between site personnel. Take scheduled breaks and hydrate frequently throughout the day. Maintain an adequate supply of cold water and electrolyte containing drinks in support zone of site.</p> <p>In the event that personnel are observed to exhibit dizziness, disorientation, heat rash, slurred speech, dry mouth, heat cramps, or other symptoms of heat stress, discontinue work immediately and move affected person(s) to a location that is free from direct sunlight and provide fluids (preferably "Gatorade" or similar product that will replenish electrolytes). Monitor condition during to evaluate whether there is notable improvement in their condition.</p>
Utilities	<p>Overhead and underground utilities may exist within the Work Area, which may expose workers to electrocution hazards, explosive hazards, and volatile vapors.</p>	<p>Dig Safely New York shall be contacted a minimum of three business days prior to initiating the field activities, to arrange for the identification and markout of buried utilities at the site. The contact number for Dig Safely New York is 1-800-962-7962.</p> <p>In the event of inadvertent damage to buried utilities, all work shall cease, and the situation shall be evaluated by the HSO.</p>

3.3 Environmental Hazards

Based upon the anticipated field activities, the following potential environmental hazardous conditions may exist:

Table 3-3: Environmental Hazards

Category	Hazard	Control
Biological	Ticks, bees/wasps, mosquitos, spiders, snakes, rabid animals	<p>There are no known species of poisonous spiders or snakes common to the area.</p> <p>Minimize potential exposure to by wearing wear long pants and safety shoes. Change clothing and carefully examine for evidence of insects and ticks upon undressing, immediately following return from the site.</p> <p>Avoid contact with any animals, either wild or domestic, that may be encountered while conducting the field activities, and notify the local office of the New York State Department of Health (NYSDOH) in the event that animals are observed to elicit strange behavior. In the event of contact with an animal that is behaving in a strange manner, the NYSDOH should be contacted immediately.</p>
Biological	Poison Ivy, Poison Oak	<p>Familiarize yourself with the characteristics and appearance of poison ivy and poison oak. Be cognizant of vegetation while conducting work activities.</p> <p>Minimize potential exposure to by wearing wear long pants and safety shoes. Change clothing immediately following return from the site.</p>
Weather	Wet surfaces, lighting, high winds (falling objects, contaminated dust), hail, excessive heat, extreme cold, snow and ice.	<p>Remain cognizant of weather conditions, forecasts, and changing weather conditions. Exercise extra caution during wet and inclement site conditions to minimize risk of slips and falls. Avoid work during periods of high winds to reduce risk of injury from falling objects and airborne contaminant migration. Cease work and monitor conditions in the event that lightning is observed or suspected in the area, or in the event that other weather conditions pose a health or safety hazard.</p>

4.0 TRAINING

4.1 Site-Specific Training

Training will be provided that specifically addresses the activities, procedures, monitoring, and equipment for the Site operations prior to going on Site. Training will include familiarization with Site and facility layout, known and potential hazards, and emergency services at the Site, and details all provisions contained within this HASP. This training will also allow Site Workers to clarify anything they do not understand and to reinforce their responsibilities regarding safety and operations for their particular activity.

4.2 Task-Specific Training

For projects involving asbestos sampling, personnel will be trained to collect bulk asbestos samples using the requirements set forth in 40 CFR Part 763.92(a) (1) and (2) and 40 CFR Part. 763, Subpart. E, App. C. The training incorporates many sections of 40 CFR Part 763, but should focus on the sampling method listed in 40 CFR Part 763.86. The training includes inspection planning, bulk sampling, personal protection, and reporting. Personnel must demonstrate proficiency by identifying areas where asbestos may be found and properly collecting a bulk sample using proper methodology.

4.3 Safety Briefings

C&S project personnel will be given briefings by the HSO on a daily or as needed basis to further assist Site workers in conducting their activities safely. Pertinent information will be provided when new operations are to be conducted. Changes in work practices must be implemented due to new information made available, or if Site or environmental conditions change. Briefings will also be given to facilitate conformance with prescribed safety practices. When conformance with these practices is not occurring or if deficiencies are identified during safety audits, the project manager will be notified.

4.4 Daily Tailgate Safety Meeting

The HSO or the HSO designee will be responsible for conducting a daily tailgate safety meeting prior to start of any work activities. The contractor and workers will be responsible for attending daily tailgate safety meetings, as well as providing any additional insight into any possible hazards which might be anticipated or encountered throughout the day on the Site. The meeting will discuss any measures which will be implemented throughout the day to mitigate any hazards. The meetings are designed to create awareness of any hazards and their associated mitigation measures at the Site. If conditions at the Site change and new hazards are determined to be present, work will be stopped and an additional safety meeting will be conducted. The daily tailgate meetings discussions will be logged, as well as all who attended.



5.0 COMMUNICATIONS

A phone will be located on Site to be utilized by personnel conducting investigation. Cell phones will be the primary means of communicating with emergency support services/facilities.

6.0 PERSONAL PROTECTIVE EQUIPMENT

6.1 Personal Protective Equipment – General

The level of protection to be worn by field personnel will be defined and controlled by the HSO. Depending upon the type and levels of material present or anticipated at the site, varying degrees of protective equipment will be needed. If the possible hazards are unknown, a reasonable level of protection will be taken until sampling and monitoring results can ascertain potential risks. The levels of protection listed below are based on USEPA Guidelines. A list of the appropriate clothing for each level is also provided.

- Level A protection must be worn when a reasonable determination has been made that the highest available level of respiratory, skin, eye, and mucous membrane protection is needed. It should be noted that while Level A provides maximum available protection, it does not protect against all possible hazards. Consideration of the heat stress that can arise from wearing Level A protection should also enter into the decision-making process. Level A protection includes:
 - Open circuit, pressure-demand self-contained breathing apparatus (SCBA)
 - Totally encapsulated chemical resistant suit
 - Gloves, inner (surgical type)
 - Gloves, outer, chemical protective
 - Boots, chemical protective
- Level B protection must be used when the highest level of respiratory protection is needed, but hazardous material exposure to the few unprotected areas of the body (e.g., the back of the neck) is unlikely. Level B protection includes:
 - Open circuit, pressure-demand SCBA or pressure airline with escape air bottle
 - Chemical protective clothing: Overalls and long sleeved jacket; disposal chemical resistant coveralls; coveralls; one or two piece chemical splash suit with hood
 - Gloves, inner (surgical type)
 - Gloves, outer, chemical protective
 - Boots, chemical protective
- Level C must be used when the required level of respiratory protection is known, or reasonably assumed to be, not greater than the level of protection afforded by air purifying respirators; and hazardous materials exposure to the few unprotected areas of the body (e.g. the back of the neck) is unlikely. Level C protection includes:
 - Full or half face air-purifying respirator
 - Chemical protective clothing: Overalls and long-sleeve jacket; disposable chemical resistant coveralls; coveralls; one- or two-piece chemical splash suit
 - Gloves, inner (surgical type)
 - Gloves, outer, chemical protective
 - Boots, chemical protective

- Level D is the basic work uniform. It cannot be worn on any site where respiratory or skin hazards exist. Level D protection includes:
 - Safety boots/shoes
 - Safety glasses
 - Hard hat with optional face shield

Note that the use of SCBA and airline equipment is contingent upon the user receiving special training in the proper use and maintenance of such equipment.

6.2 Personal Protective Equipment – Site Specific

Level D with some modification will be required when working on this Site. In addition to the basic work uniform specified by Level D protection, Nitrile gloves will be required when contact with soil and/or groundwater is likely. Hearing protection will be worn when power equipment is used to perform subsurface work. An upgrade to a higher level (Level C) of protection may occur if determined necessary by the HSO.

7.0 MONITORING PROCEDURES

7.1 Monitoring During Site Operations

All Site environmental monitoring should be accompanied by periodic meteorological monitoring of appropriate climatic conditions.

7.1.1 Surface Soil Operation

Monitoring will be performed by the HSO or field personnel during the conduct of work. A photoionization detector (PID) equipped with a 10.6 eV lamp will be utilized to monitor for the presence of volatile organic vapors within the breathing zone, the surface soil holes, and subsurface samples upon their retrieval. The PID will be field checked for calibration accuracy three times per day (morning, lunch, and end of day).

7.1.2 Drilling / Test Pit Operations

Monitoring will be performed by the HSO or drilling observer during the conduct of work. A photoionization detector (PID) equipped with a 10.6 eV lamp will be utilized to monitor for the presence of volatile organic vapors within the breathing zone, the borehole, and subsurface samples upon their retrieval. Drill cuttings and excavation spoils will also be monitored by use of the PID. The PID will be field checked for calibration accuracy three times per day (morning, lunch, and end of day). If subsurface conditions warrant, a combustible gas indicator (CGI) with oxygen alarm may also be used to monitor the borehole for the presence of combustible gases. Similar monitoring of fluids produced during well development will also be conducted.

7.1.3 Soil Excavation and Trenching Operation

Monitoring will be performed by the HSO or remedial observer during the conduct of work. A photoionization detector (PID) equipped with a 10.6 eV lamp will be utilized to monitor for the presence of volatile organic vapors within the breathing zone, the excavation or trench, and any subsurface samples upon their retrieval. Excavation and trenching spoils will also be monitored by use of the PID. The PID will be field checked for calibration accuracy three times per day (morning, lunch, and end of day). If subsurface conditions warrant, a CGI with oxygen alarm may also be used to monitor the borehole for the presence of combustible gases.

7.2 Action Levels

If readings on the PID exceed 10 ppm for more than fifteen minutes consecutively, then personal protective equipment should be upgraded to Level C. The air purifying respirator used with Level C protective equipment must be equipped with organic vapor cartridges. If readings on the explosive gas meter are within a range of 10%-25% of the lower exposure limit (LEL) then continuous monitoring will be implemented. Readings above 25% of the LEL indicate the



potential for an explosive condition. Sources of ignition should be removed and the Site should be evacuated.

7.3 Personal Monitoring Procedures

Personal monitoring shall be performed as a contingency measure in the event that VOC concentrations are consistently above the 10-ppm action level as detected by the PID. If the concentration of VOCs is above this action level, then amendments to the HASP must be made before work can continue at the Site.

8.0 SECTION 8 – SAFETY CONSIDERATIONS FOR SITE OPERATIONS

8.1 General

Standard safe work practices that will be followed include:

- Do not climb over/under drums, or other obstacles.
- Do not work on the Site alone.
- Practice contamination avoidance, on and off-site.
- Plan activities ahead of time, and use caution when conducting concurrently running activities.
- No eating, drinking, chewing or smoking is permitted on the Site.
- Due to the unknown nature of waste placement at the Site, extreme caution should be practiced during excavation activities.
- Apply immediate first aid to any and all cuts, scratches, abrasions, etc.
- Be alert to your own physical condition. Watch your buddy for signs of fatigue, exposure, etc.
- A work/rest regimen will be initiated when ambient temperatures and protective clothing create a potential heat or cold stress situation.
- No work will be conducted without adequate natural light or without appropriate supervision.
- Task safety briefings will be held prior to onset of task work.
- Ignition of flammable liquids within or through improvised heating devices (barrels, etc.) or space heaters is forbidden.
- Entry into areas of spaces where toxic or explosive concentrations of gases or dust may exist without proper equipment is prohibited.
- Any injury or unusual health effect must be reported to the Site HSO.
- Prevent splashing or spilling of potentially contaminated materials.
- Use of contact lenses is prohibited while on site.

- Beards and other facial hair that would impair the effectiveness of respiratory protection are prohibited if respiratory protection is necessary.
- Field crew members should be familiar with the physical characteristics of investigations, including but not limited to:
 - Wind direction in relation to potential sources
 - Accessibility to co-workers, equipment, and vehicles
 - Communication
 - Hot zones (areas of known or suspected contamination)
 - Site access
 - Nearest water sources
- The number of personnel and equipment in potentially contaminated areas should be minimized consistent with site operations.

8.2 Field Operations

The HSO or designee will be present on-site during all intrusive work, e.g., drilling operations, excavations, trenching, and will provide monitoring to oversee that appropriate levels of protection and safety procedures are utilized by C&S Engineers, Inc., personnel. The use of salamanders or other equipment with an open flame is prohibited and the use of protective clothing, especially hard hats and boots, will be required during drilling or other heavy equipment operations.

8.3 General Asbestos Safety

Asbestos exposure is primarily an inhalation hazard. OSHA compliant respiratory protection should be worn if there is risk of asbestos becoming airborne. Personal Protective Equipment including protective clothing (suits/gloves, etc.) may be necessary to avoid contaminating the worker and/or the site.

Procedural Precautions - The sampler should be aware that disruption of asbestos-containing materials can create the potential for cross contamination when conducting bulk asbestos sampling.

The Sampler should take the following precautions to avoid cross contamination as well as disruption of material while sampling:

- The sampling tool must be cleaned with amended water after every sample is collected, or a different clean tool must be used.
- The sampler must avoid touching the material being sampled (utilize gloves).
- The area being sampled must be sufficiently wet before collecting the sample.



- The space left after sampling must be sealed with repair/patch material to reduce the chance of airborne exposure.

The object or material sampled should be minimally disturbed during the sampling process.

9.0 SECTION 9 – DECONTAMINATION PROCEDURES

9.1 General Decontamination

Decontamination involves physically removing contaminants and/or converting them chemically into innocuous substances. Only general guidance can be given on methods and techniques for decontamination. Decontamination procedures are designed to:

- Remove contaminant(s).
- Avoid spreading the contamination off Site.
- Avoid exposing unprotected personnel off Site to contaminants.

9.2 Contamination Avoidance

Contamination avoidance is the first and best method for preventing spread of contamination from a hazardous site. Each person involved in site operations must practice the basic methods of contamination avoidance listed below. Additional precautions may be required in the HASP.

- Know the limitations of all protective equipment being used.
- Use the proper tools necessary to safely conduct the work.

9.3 Reducing Contamination

Specific methods that may reduce the chance of contamination are:

- Use of remote sampling techniques.
- Opening containers by non-manual means.
- Bagging monitoring instruments.
- Use of drum grapples.
- Watering down dusty areas.

9.4 Equipment Decontamination

Equipment which will need to be decontaminated includes tools, monitoring equipment, and personal protective equipment. Items to be decontaminated will be brushed off, rinsed, and dropped into a plastic container supplied for that purpose. They will then be washed with a detergent solution and rinsed with clean water. Instrumentation that is contaminated during field



operations will be carefully wiped down. Heavy equipment, if utilized for operations where it may be contaminated, will have prescribed decontamination procedures to prevent contaminant materials from potentially leaving the Site. On-site contractors, such as drillers or backhoe operators, will be responsible for decontaminating all construction equipment prior to demobilization.

10.0 DISPOSAL PROCEDURES

All discarded materials, waste materials, or other objects shall be handled in such a way as to reduce or eliminate the potential for spreading contamination, creating a sanitary hazard, or causing litter to be left on-site. All potentially contaminated materials, e.g., clothing, gloves, etc., will be bagged or drummed as necessary and segregated for proper disposal. All contaminated waste materials shall be disposed of as required by the provisions included in the contract and consistent with regulatory provisions. All non-contaminated materials shall be collected and bagged for appropriate disposal.

Investigation derived waste (IDW) that is free from physical indications of contamination such as odors, staining, and sheens will be placed back into the borehole of origin or in the case of well water allowed to infiltrate the Site surface. In cases where physical indications of contamination are evident, the affected media will be containerized per NYSDOT requirements pending proper disposal. Samples may be analyzed for toxicity characteristic leaching procedure (TCLP) VOCs, SVOCs, pesticides, herbicides, and metals; PCBs; pH (corrosivity), flash point (ignitability); reactivity; and paint filter (free liquids).

11.0 EMERGENCY RESPONSE PROCEDURES

As a result of the hazards at the Site, and the conditions under which operations are conducted, there is the possibility of emergency situations. This section establishes procedures for the implementation of an emergency plan.

11.1 Emergency Coordinator

Emergency Coordinator:..... Nick Coulombe..... Work Phone: (315) 703-4281

The Emergency Coordinator or his on-site designee will, in coordination with the Authority / Agency having Jurisdiction, implement the emergency response procedures whenever conditions at the site warrant such action. The Emergency Coordinator or his on-site designee will be responsible for assuring the evacuation, emergency treatment, emergency transport of C&S personnel or workers as necessary, and notification of emergency response units (**refer to phone listing** in the beginning of this HASP) and the appropriate management staff.

11.2 Evacuation

In the event of an emergency situation, such as fire, explosion, significant release of toxic gases, etc., all personnel will evacuate and assemble in a designated assembly area. The Emergency Coordinator or his on-site designee will have authority to contact outside services as required. Under no circumstances will incoming personnel or visitors be allowed to proceed into the area once the emergency signal has been given. The Emergency Coordinator or his on-site designee must see that access for emergency equipment is provided and that all ignition sources have been shut down once the emergency situation is established. Once the safety of all personnel is established, the Fire Department and other emergency response groups will be notified by telephone of the emergency.

11.3 Potential / Actual Fire or Explosion

Immediately evacuate the Site and notify local fire and police departments, and other appropriate emergency response groups, if LEL values are above 25% in the work zone or if an actual fire or explosion has taken place.

11.4 Environmental Incident (Spread or Release of Contamination)

Control or stop the spread of contamination if possible. Notify the Emergency Coordinator and the Project Manager. Other appropriate response groups will be notified as appropriate.

11.5 Personnel Injury

Emergency first aid shall be applied on-site as necessary. Then, decontaminate (en route if necessary) and transport the individual to nearest medical facility if needed. The ambulance/rescue squad shall be contacted for transport as necessary in an emergency. A map of directions to the nearest hospital is shown in **Appendix A**.

11.6 Personnel Exposure

- Skin Contact: Use copious amounts of soap and water. Wash/rinse affected area thoroughly, and then provide appropriate medical attention. Eyes should be thoroughly rinsed with water for at least 15 minutes.
- Inhalation: Move to fresh air and/or, if necessary, decontaminate and transport to emergency medical facility.
- Ingestion: Decontaminate and transport to emergency medical facility.
- Puncture Wound/Laceration: Decontaminate, if possible, and transport to emergency medical facility.

11.7 Adverse Weather Conditions

In the event of adverse weather conditions, the HSO will determine if work can continue without sacrificing the health and safety of field workers.

11.8 Incident Investigation and Reporting

In the event of an incident, procedures discussed in the Medical Emergency/Incident Response Protocol, presented in **Appendix B** of this HASP, shall be followed.

Appendices

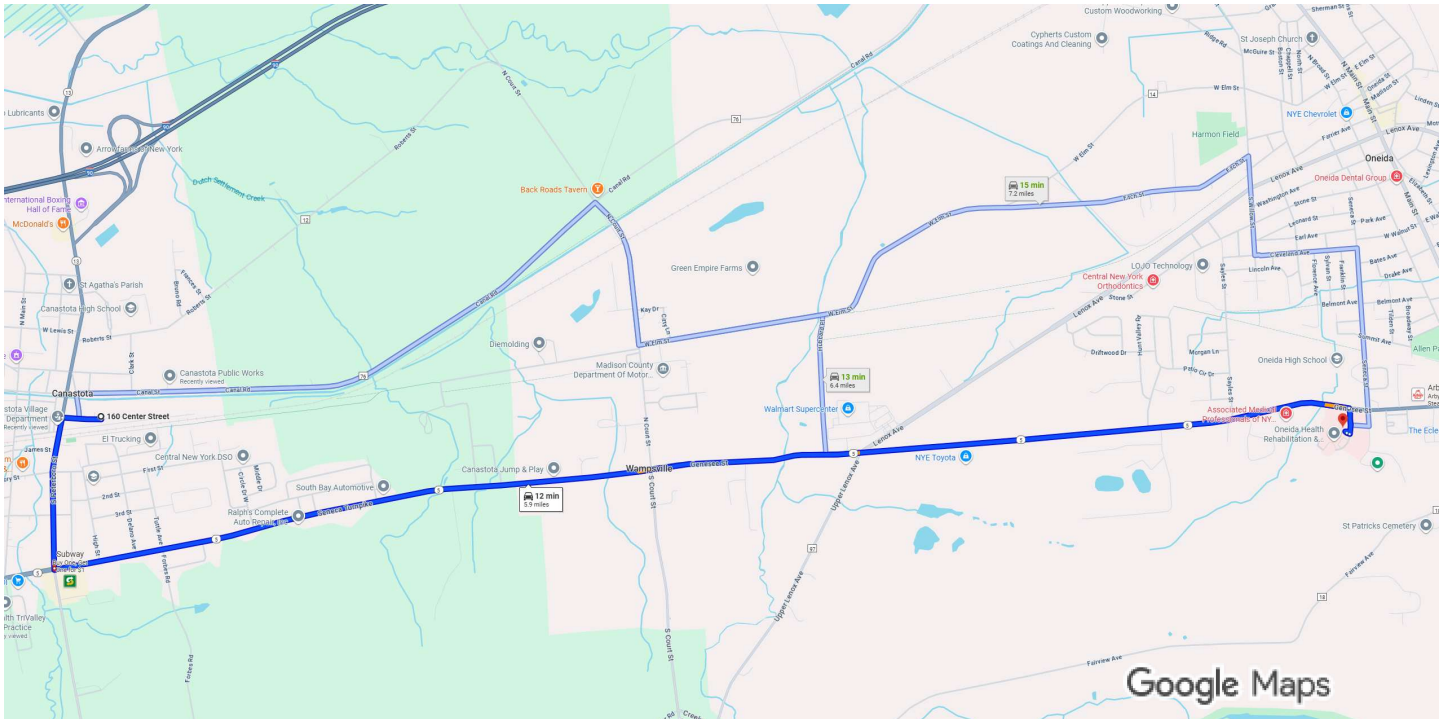
Appendix A

Map and Directions to Hospital



160 Center St, Canastota, NY 13032 to
Oneida Health Emergency Room, 321 Genesee St, Oneida, NY 13421

Drive 5.9 miles, 12 min



Map data ©2025 Google 1000 ft

160 Center St
Canastota, NY 13032

- ↑ 1. Head west on E Center St toward Diamond St
0.2 mi
- ↶ 2. Turn left onto S Peterboro St
0.6 mi
- ↶ 3. Turn left onto NY-5 E/E Seneca Ave/Seneca Turnpike
[Continue to follow NY-5 E](#)
5.0 mi
- ↷ 4. Turn right onto Fields Dr
0.1 mi
- ↷ 5. Turn right
62 ft
- ↷ 6. Turn right
[Destination will be on the right](#)
66 ft

Oneida Health Emergency Room
321 Genesee St, Oneida, NY 13421

Appendix B

Guidance on Incident Investigation and Reporting

Medical Emergency / Incident Response Protocol

Prepared by:



C&S Engineers, Inc.
499 Col Eileen Collins Blvd.
Syracuse, New York 13212



SECTION 1 – PURPOSE

From time to time employees of C&S Engineers, Inc. will sustain an injury while working on the job. While every effort is being made to prevent this, in the event of an injury or illness on the job, the following procedures will be implemented. This format may also be utilized in the event of a property damage incident.

SECTION 2 – SCOPE

This guideline applies to all C&S Engineers, Inc. job sites and employees.

SECTION 3 – GUIDELINES

3.1 First Response Procedures

Upon notification or awareness of an incident/accident with injuries or illness the Emergency Coordinator or his On-Site Designee will:

1. Ensure that the injured employee is receiving immediate first aid and medical care.
2. Notify Emergency Services (911) if injuries are severe.
3. Stabilize the work area; ensure that no one else can be injured.
4. Notify the Project Manager at the earliest possible convenience.
5. Notify the Owner/Client at the earliest possible convenience.

To assist the Health and Safety Manager in the root cause analysis, the Emergency Coordinator or his On-Site Designee will also make an attempt to:

1. Obtain the names and phone numbers of witnesses.
2. Preserve the accident scene if possible for analysis.

3.2 Injury Management

1. If the patient is stable with non-life threatening injuries, the foreman will ensure the employee is transported to the emergency medical facility listed in Section 1 of the HASP. Directions to the nearest emergency medical facility are located in **Attachment A** of the HASP.

At no time will an injured employee drive themselves to medical care.

2. If the patient has serious or life threatening injuries, the emergency coordinator or his on-site designee will notify the emergency services for the area for treatment and transport to a hospital or emergency room. Serious injuries can be considered but not limited to head injuries, loss of consciousness, severe laceration or amputation, fractured bones, burns and eye injuries.

3. Following the treatment and care of the injured employee, the emergency coordinator or his on-site designee and the project manager will initiate the completion of the first injury report. The Health & Safety Manager will assist.

3.3 Project Manager

1. Upon notification of a personal injury or illness on the job site, will notify C&S Engineers, Inc, President and Corporate Legal and C&S Companies Health and Safety Manager.
2. Will report to the worksite to initiate the first injury report.
3. Will report to the treatment facility to check on the well being of the injured employee.
4. The project manager will ensure that the treatment facility is aware that this is a workers compensation case.
5. Will assist the Health and Safety Manager in the analysis of the incident.

3.4 Health & Safety Manager

1. Upon notification of the personal injury will determined if it is necessary to report to the treatment facility or the accident site, depending on the nature of the injuries and the circumstances of the accident.
2. Will report to the worksite to begin a root cause analysis investigation of the accident.
3. The investigation may include interview of witnesses, field crew , and project manager, the photographing of the scene, reconstruction of the accident scene, using test instruments and taking measurements. The Health and Safety Manager may draw diagrams from the information learned.
4. The Health and Safety Manager will work with the owner/client as necessary to investigate the accident.
5. The Health & Safety manager will ensure that the site is safe to resume work.
6. The Health & Safety Manager shall initiate the New York State Compensation form requirements (C-2) and forward a copy of the C-2 to the C & S Engineers, Inc. controller for transmittal to the Compensation Carrier within 8 hrs of notification of the incident or by the end of the next business day.
7. The Health and Safety manager, upon completion of the investigation, will provide the
8. Project Manager with a written investigative report (copy to the President)
9. The accident will be reviewed at the next Project Managers meeting with the intent to prevent further or similar events on other projects.
10. The Health & Safety Manager will assess the incident to determine OSHA record ability and make record if necessary on the OSHA 300 form, within five working days.



SECTION 4 - INCIDENT RESPONSE

4.1 Purpose

To prevent the occurrence of accidents on C&S Engineers, Inc., work sites and to establish a procedure for investigation and reporting of incidents occurring in, or related to C&S work activities.

4.2 Scope

Applies to all incidents related to C&S Engineers, Inc. work activities.

4.3 Definitions

Accident - An undesired event resulting in personal injury and/or property damage, and/or equipment failure.

Fatality - An injury or illness resulting in death of the individual.

Incident - Any occurrence which results in, or could potentially result in, the need for medical care or property damage. Such incidents shall include lost time accidents or illness, medical treatment cases, unplanned exposure to toxic materials or any other significant occurrence resulting in property damage or in "near misses."

Incidence Rate - the number of injuries, illnesses, or lost workdays related to a common exposure base of 100 full-time workers. The rate is calculated as:

$$N/EH \times 200,000$$

N = number of injuries and illnesses or lost workday cases; EH = total hours worked by all associates during calendar year. 200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

Injury - An injury such as a cut, fracture, sprain, amputation, etc. which results from a work accident or from a single instantaneous event in the work environment.

Lost Workday Case - A lost workday case occurs when an injured or ill employee experiences days away from work beginning with the next scheduled work day. Lost workday cases do not occur unless the employee is effected beyond the day of injury or onset of illness.

Recordable Illness - An illness that results from the course of employment and must be entered on the OSHA 300 Log and Summary of Occupational Injuries and Illnesses. These illnesses require medical treatment and evaluation of work related injury. For example, dermatitis, bronchitis, irritation of eyes, nose, and throat can result from work and non-work related incidents.



Recordable Injury - An injury that results from the course of employment and must be entered on the OSHA 300 Log and Summary of Occupational Injuries and Illnesses. These injuries require medical treatment; may involve loss of consciousness; may result in restriction of work or motion or transfer to another job; or result in a fatality.

Near Miss - An incident which, if occurring at a different time or in a different personnel or equipment configuration, would have resulted in an incident.

4.4 Responsibilities

Employees - It shall be the responsibility of all C&S Engineers, Inc. employees to report all incidents as soon as possible to the HSC, regardless of the severity.

Human Resources - has overall responsibility for maintaining accident/ incident reporting and investigations according to current regulations and recording injuries/ illness on the OSHA 300 log, and posting the OSHA 300 log.

Emergency Coordinator - It is the responsibility of the Emergency Coordinator to investigate and prepare an appropriate report of all accidents, illnesses, and incidents occurring on or related to C&S Engineers, Inc. work. The Emergency Coordinator shall complete Attachment A within 24 hours of the incident occurrence.

Health and Safety Manager (HSM) - It is the responsibility of the HSM to investigate and prepare an appropriate report of all lost time injuries and illnesses and significant incidents occurring on or related to C&S Companies. The HSM shall maintain the OSHA 300 form.

Project Managers (PM) - It shall be the PM's responsibility to promptly correct any deficiencies in personnel, training, actions, or any site or equipment deficiencies that were determined to cause or contribute to the incident investigated.

SECTION 5 – GUIDELINES

5.1 Incident Investigation

The Project Manager will immediately investigate the circumstances surrounding the incident and will make recommendations to prevent recurrence. The HSM shall be immediately notified by telephone if a serious accident/ incident occurs. The incident shall be evaluated to determine whether it is OSHA recordable. If the incident is determined to be OSHA 300 recordable, it shall be entered on the OSHA 300 form.

The Project Manager with assistance from the HSM must submit to the office an incident report form pertaining to any incident resulting in injury or property damage.



5.2 Incident Report

The completed incident report must be completed by the Project Manager within 12 hours of the incident and distributed to the HSM, and Human Resources. This form shall be maintained by Human Resources for at least five years for all OSHA recordable cases. This form serves as an equivalent to the OSHA 101 form.

5.3 Incident Follow-up Report

The Incident Follow-Up Report (Attachment B) shall be distributed with the Incident Report within one week of the incident. Delay in filing this report shall be explained in a brief memorandum.

5.4 Reporting of Fatalities or Multiple Hospitalization Accidents

Fatalities or accidents resulting in the hospitalization of three or more employees must be reported to OSHA verbally or in writing within 8 hours. The report must contain 1) circumstances surrounding the accident(s), 2) the number of fatalities, and 3) the extent of any injuries.

5.5 OSHA 300A Summary Form

Recordable cases must be entered on the log within six workdays of receipt of the information that a recordable case has occurred. The OSHA log must be kept updated to within 45 calendar days.

OSHA 300 forms must be updated during the 5 year retention period, if there is a change in the extent or outcome of an injury or illness which affects an entry on a log. If a change is necessary, the original entry should be lined out and a corrected entry made on that log. New entries should be made for previously unrecorded cases that are discovered or for cases that initially weren't recorded but were found to be recordable after the end of the year. Log totals should also be modified to reflect these changes.

5.6 Posting

The log must be summarized at the end of the calendar year and the summary must be posted from February 1 through May 31.

5.7 OSHA 300A

Facilities selected by the Bureau of Labor Statistics (BLS) to participate in surveys of occupational injuries and illnesses will receive the OSHA 300A. The data from the annual summary on the OSHA 300 log should be transferred to the OSHA 300A, other requested information provided and the form returned as instructed by the BLS.



5.8 Access to OSHA Records

All OSHA records (accident reporting forms and OSHA 300 logs) should be available for inspection and copying by authorized Federal and State government officials.

Employees, former employees, and their representatives must be given access for inspection and copying to only the log, OSHA No. 300, for the establishment in which the employee currently works or formerly worked.

SECTION 6 – REFERENCES

29 CFR Part 1904

7.0 ATTACHMENTS

Attachment A - Incident Investigation Form

Attachment B - Incident Follow-Up Report

Attachment C - Establishing Recordability



ATTACHMENT A

INCIDENT INVESTIGATION FORM

Accident investigation should include:

Location: _____

Time of Day: _____

Accident Type: _____

Victim: _____

Nature of Injury: _____

Released Injury: _____

Hazardous Material: _____

Unsafe Acts: _____

Unsafe Conditions: _____

Policies, Decisions: _____

Personal Factors: _____

Environmental Factors: _____



ATTACHMENT B

INCIDENT FOLLOW-UP REPORT

Date _____

Foreman: _____

Date of Incident: _____

Site: _____

Brief description of incident: _____

Outcome of incident: _____

Physician's recommendations: _____

Date the injured returned to work: _____

Project Manager Signature: _____

Date: _____

ATTACH ANY ADDITIONAL INFORMATION TO THIS FORM

ATTACHMENT C

ATTACHMENT ESTABLISHING RECORDABILITY

1. Deciding whether to record a case and how to classify the case.

Determine whether a fatality, injury or illness is recordable.

A fatality is recordable if:

- Results from employment

An injury is recordable if:

- Results from employment and
- It requires medical treatment beyond first aid or
- Results in restricted work activity or job transfer, or
- Results in lost work day or
- Results in loss of consciousness

An illness is recordable if:

- It results from employment

2. Definition of "Resulting from Employment"

Resulting from employment is when the injury or illness results from an event or exposure in the work environment. The work environment is primarily composed of: 1) The employer's premises, and 2) other locations where associates are engaged in work- related activities or are present as a condition of their employment.

The employer's premises include company rest rooms, hallways, cafeterias, sidewalks and parking lots. Injuries occurring in these places are generally considered work related.

The employer's premises EXCLUDES employer controlled ball fields, tennis courts, golf courses, parks, swimming pools, gyms, and other similar recreational facilities, used by associates on a voluntary basis for their own benefit, primarily during off work hours.

Ordinary and customary commute, is not generally considered work related.

Employees injured or taken ill while engaged in consuming food, as part of a normal break or activity is not considered work related. Employees injured or taken ill as the result of smoking, consuming illegal drugs, alcohol or applying make up are generally not considered work related. Employee injured by un authorized horseplay is generally not considered work related, however, an employee injured as a result of a fight or other

workplace violence act, may be considered work related. Associates who travel on company business are considered to be engaged in work related activities all the time they spend in the interest of the company. This includes travel to and from customer contacts, and entertaining or being entertained for purpose of promoting or discussing business. Incidents occurring during normal living activities (eating, sleeping, recreation) or if the associate deviates from a reasonably direct route of travel are not considered OSHA recordable.

3. Distinction between Medical Treatment and First Aid.

First aid:

Any one-time treatment, and any follow up visit for the purpose of observation, of minor scratches, cuts, burns, splinters, etc., which do not ordinarily require medical care. Such one time treatment, and follow up visit for the purpose of observation, is considered first aid even though provided by a physician or registered professional personnel.

Medical Treatment (recordable):

- a) Must be treated only by a physician or licensed medical personnel.
- b) Impairs bodily function (i.e. normal use of senses, limbs, etc.).
- c) Results in damage to physical structure of a non-superficial nature (fractures).
- d) Involves complications requiring follow up medical treatment.