
PHASE II ENVIRONMENTAL SITE INVESTIGATION

for

**East Adams Redevelopment Phase Three Area
200 Chavez Terrace
Syracuse, New York**

Prepared for:

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TABLE OF CONTENTS

1.0	INTRODUCTION	3
2.0	BACKGROUND	4
2.1	Site Location and Description	4
2.2	Recognized Environmental Conditions	4
2.3	Geology	5
2.4	Hydrogeology	5
3.0	FIELD INVESTIGATION	6
3.1	Geophysical Survey	6
3.2	Soil Investigation	6
3.3	Groundwater Investigation	7
3.4	Soil Vapor Investigation	8
3.5	Investigation-Derived Waste Management	9
4.0	OBSERVATIONS AND RESULTS	10
4.1	Geophysical Survey	10
4.2	Subsurface Observations	10
4.3	Soil Sample Results	10
4.4	Groundwater Sample Results	11
4.5	Soil Vapor Sample Results	11
5.0	FINDINGS AND CONCLUSIONS	13
6.0	RECOMMENDATIONS	14
7.0	LIMITATIONS	15

TABLES

Table 1	Sample Summary
Table 2	Soil Sample Analytical Results
Table 3	Groundwater Sample Analytical Results
Table 4	Soil Vapor Sample Analytical Results

FIGURES

Figure 1	Site Location Map
Figure 2	Soil Sample Location and Analytical Results Map
Figure 3	Groundwater Sample Location and Analytical Results Map
Figure 4	Soil Vapor Sample Location and Analytical Results Map

APPENDICES

Appendix A	Previous Reports
Appendix B	Site Photographs
Appendix C	Geophysical Survey Report
Appendix D	Soil Boring Logs
Appendix E	Monitoring Well Construction and Groundwater Sampling Logs
Appendix F	Soil Vapor Point Construction and Sampling Logs
Appendix G	Laboratory Analytical Reports

1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this Phase II Environmental Site Investigation (ESI) report on behalf of McCormack Baron Salazar, Inc. (MBSDI) for the property at 200 Chavez Terrace Syracuse, New York (the site). EA 3

This Phase II ESI investigated the recognized environmental conditions (REC) identified in the October 7, 2024 Phase I Environmental Site Assessment (ESA) prepared by Langan.

This Phase II ESI, completed between September 16 and 25, 2024, included a geophysical survey, advancement of soil borings, installation of permanent groundwater monitoring wells and temporary soil vapor probes, and laboratory analysis of soil, groundwater, and soil vapor samples.

This report is organized in the following sections:

- Section 2.0 Background: Describes the site background
- Section 3.0 Field Investigation: Presents the Phase II ESI methodology
- Section 4.0 Observations and Results: Presents the findings of the Phase II ESI
- Section 5.0 Conclusions: Presents conclusions based on the findings
- Section 6.0 Limitations: Presents the limitations of this report

2.0 BACKGROUND

2.1 Site Location and Description

The about 4.1-acre site located at 200 Chavez Terrace is identified as part of Onondaga County Tax Parcel ID Section 095, Block 08, Lot 01.0, in Syracuse, New York. The site is improved with six two-story residential townhouse apartments consisting of two six-unit apartment buildings, two four-unit apartment buildings, one three-unit apartment building, and one two-unit apartment building. The site is bound by multi-family residential housing to the north, South Townsend Street to the south, multi-family residential housing to the south, and South State Street to the west. A Site Location Map is included as Figure 1.

According to the United States Geological Survey (USGS) Syracuse East Quadrangle 7.5-minute Series Topographic Map, the elevation of the site is about 400 feet above mean sea level (msl) and is generally flat. The regional topography slopes downward toward the west and the Onondaga Creek, which is located approximately 2,000 feet west of the site. The site is within a suburban area characterized by commercial and residential buildings, private and public institutions, and preserved land.

2.2 Recognized Environmental Conditions

Langan's October 7, 2024 Phase I ESA identified the following RECs associated with the site:

REC 1: Historical Use of the Site

Historical uses of the site include a drilling company with a machine shop, forge shop, milling facility, coal bins, a transformer house, underground storage tanks (USTs), and an oil house; a bottling facility; used car sales; an auto yard; manufacturing and warehousing facilities; a dry cleaning facility; an auto repair shop; and a junk house from at least 1892 until 1971. Historical operations of the site are considered a REC, as inadvertent releases of petroleum products, chemicals, or other hazardous substances resulting from historical operations may have affected soil, groundwater, and/or soil vapor at the site.

REC 2: Historical Use and Documented Contamination at the Southern Adjoining Property

Historical operations on the south-adjoining property included a gasoline station in the 1950s and a junk yard from the 1910s through the 1960s. The property was listed in the NY Spills database under New York State Department of Environmental Conservation (NYSDEC) Spill No. 2400040, which was reported on 2 April 2024 after soil and groundwater impacted with benzene, toluene, ethylbenzene, and xylenes (BTEX) were identified during a subsurface investigation. Cleanup is pending, and the spill remains open. The historical use and documented impacts at the south-adjoining property may have impacted soil, groundwater, and/or soil vapor at the site and this adjoining property is considered a REC.

The Phase I ESA is provided as Appendix A.

2.3 Geology

Based on review of the USGS "Geologic Map of New York, Finger Lakes Sheet (Fisher, Isachsen, Rickard, dated March 1970)", the site is underlain by bedrock of the Syracuse Foundation, consisting of dolostone, shale, gypsum and salt. Geological surface features (e.g., rock outcroppings) were not observed on the site.

2.4 Hydrogeology

Groundwater flow is typically topographically influenced because shallow groundwater tends to originate in areas of topographic highs and flow toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeologic network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetative cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, artificial fill, and variability in local geology and groundwater sources or sinks. Langan observed groundwater between about 6.12 and 9.68 feet below grade surface (bgs) during the Phase II ESI.

3.0 FIELD INVESTIGATION

The Phase II ESI included a geophysical survey, advancement of 10 soil borings, and installation of four permanent groundwater monitoring wells and five temporary soil vapor sampling points across the site. Soil, groundwater, soil vapor, and ambient air samples were collected for laboratory analysis. The Phase II ESI field work was completed between September 16 and 25, 2024.

Soil boring, monitoring well, and soil vapor sampling locations are shown on Figure 2, and a summary of samples and associated laboratory analyses is included as Table 1. A photograph log documenting the Phase II ESI is included as Appendix B.

3.1 Geophysical Survey

Prior to intrusive sampling, SoftDig Underground Services Inc, (SoftDig) of Westchester, Pennsylvania completed a geophysical survey of proposed sample areas between September 16 and 18, 2024. The survey included ground-penetrating radar (GPR) and electromagnetic (EM) detectors to locate potential subsurface utilities, underground storage tanks, and subsurface structures in the vicinity of proposed boring locations. A copy of the geophysical survey report is included in Appendix C.

3.2 Soil Investigation

Ten soil borings (SB01 through SB10) were advanced by Nothnagle Drilling Inc, (Nothnagle) of Scottsville, New York between September 16 and 19, 2024. Langan field personnel were on-site to document field observations and collect soil samples. Soil borings were advanced using a Geoprobe 6610DT direct push drill rig to depths of about 15 feet bgs. Soil samples were collected continuously into 5-foot-long Macro-Core[®] sample barrels lined with dedicated acetate sleeves.

Langan visually classified the soil samples from borings for soil type, grain size, texture, and moisture content, and screened each soil sample for visual, olfactory, and instrumental evidence of a chemical or petroleum release. Instrumental screening for the presence of organic vapors was performed using a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp. Two soil samples were collected from each boring location. The first sample was collected from the surficial soil interval (0 to 2 feet bgs), and the second sample was collected from either a representative location in the uncontrolled fill layer or where greatest impacts were observed.

Samples submitted for analysis of volatile organic compounds (VOC) were collected directly from the acetate liner into laboratory-supplied TerraCore[®] soil samplers. The remaining sample volume was homogenized and placed in laboratory-supplied containers for additional analyses. The sample containers were labeled, placed in a laboratory-supplied cooler, and packed on ice to attempt to maintain a temperature of about 4°C. The samples were picked up and delivered by courier to Alpha Analytical, Inc. (Alpha) under standard chain-of-custody protocol. Alpha is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in Westborough, Massachusetts.

Soil samples were analyzed using one or more of the following methods:

- NYSDEC Part 375 list and Target Compound List (TCL) VOCs by USEPA method 8260
- NYSDEC Part 375 list and TCL semi-volatile organic compounds (SVOC) by USEPA method 8270
- Polychlorinated biphenyls (PCB) by USEPA method 8082
- NYSDEC Part 375 list and TCL Pesticides by USEPA method 8081
- Target Analyte List (TAL) metals (including hexavalent and trivalent chromium and cyanide) by USEPA methods 6010, 7196, 7470, 9010 and 9012.
- Per- and polyfluoroalkyl substances (PFAS) by USEPA Method 1633.

After sample collection, Nothnagle backfilled borings with non-impacted soil cuttings or No. 2 clean sand and patched each location with asphalt or concrete. Soil boring logs are included in Appendix D.

3.3 Groundwater Investigation

Nothnagle converted four soil borings (SB01 through SB04) into permanent groundwater monitoring wells by advancing a six-inch auger to about 15 feet bgs. Monitoring wells consisted of about ten feet of two-inch polyvinyl chloride (PVC) 10-slot (0.010-inch) well screen connected to about five feet of solid 2-inch PVC riser pipe. The well screens were installed from about 5 to 15 feet bgs with riser from 5 feet bgs to just below grade surface. The annular space of the monitoring well was backfilled with No. 1 sand to 1 foot bgs and the upper 1 foot of the borehole was sealed to grade surface with bentonite. Following installation, Nothnagle purged each well to remove any accumulated sediments and debris. The monitoring wells were finished with flush-mount metal manhole covers encased in concrete. Monitoring wells were allowed to stabilize for one week prior to sampling. Monitoring well construction logs and groundwater sampling logs are included in Appendix E.

Langan collected one groundwater sample from each monitoring well for laboratory analyses. Monitoring wells were gauged with an oil-water interface probe to record a depth to groundwater reading and for free product. Before collecting a groundwater sample, Langan monitored groundwater-quality parameters (pH, conductivity, turbidity, dissolved oxygen, temperature, and oxidation-reduction potential) while purging the wells. Before sampling, well headspaces were screened with a PID.

The samples were collected with a peristaltic pump and dedicated polyethylene tubing, directly from the pump effluent into laboratory-supplied containers and delivered via courier to Alpha under chain-of-custody protocol. The samples were analyzed for TCL VOCs, SVOCs, PCBs, pesticides, TAL metals (total and dissolved), trivalent and hexavalent chromium. Samples submitted for dissolved-metal analysis were filtered in the field using a 0.45-micron filter. Purged groundwater was containerized into labeled 55-gallon drums staged on-site for future off-site disposal at a permitted facility (Section 3.5).

The sample containers were labeled, placed in a laboratory-supplied cooler, packed on ice to maintain a temperature of about 4 °C, and delivered by courier to Alpha under standard chain-of-custody protocol.

Groundwater sample analyses included:

- NYSDEC Part 375 list and TCL VOCs by USEPA method 8260
- NYSDEC Part 375 list and TCL SVOCs by USEPA method 8270
- PCBs by USEPA method 8082
- NYSDEC Part 375 list and TCL Pesticides by USEPA method 8081
- Total and dissolved TAL metals by USEPA methods 6010, 6020, 7196, and 7470

3.4 Soil Vapor Investigation

Nothnagle installed five soil vapor points (SV01 through SV05) in accordance with the October 2006 NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York with updates (2017, 2024). Soil vapor implants were installed to about 5 feet bgs using a track-mounted Geoprobe 6610DT drill rig. Each soil vapor collection probe consisted of a 1.875-inch polyethylene implant and teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tube was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.

A helium tracer gas was used in accordance with the NYSDOH protocols to serve as QA/QC technique to document the integrity of the seal at each sampling point before and after sampling. The tracer gas was introduced into an overturned container, sealed at the ground surface with bentonite, which acted as a shroud for the vapor point and seal. Helium was measured from the sampling tube and inside the container with an MGD-2002 helium-leak detector. If the sample tube contained more than 10% of the tracer gas concentration introduced into the container, the seal was considered compromised and was enhanced or reconstructed to reduce air infiltration in the subsurface. All sample points had sufficiently tight seals.

Before collecting vapor samples, a minimum of three implant volumes (i.e., the volume of the sample probe and tube) were purged from each sample port at a rate of 0.2 liters per minute using a RAE Systems MultiRAE® Plus meter. The purged soil vapor was monitored for VOCs during purging using the MultiRAE® Plus meter.

One ambient air sample (AA01) was collected concurrently with and for the duration of the soil vapor samples. AA01 was collected 3 to 5 feet above the ground to represent the breathing zone.

Soil vapor and ambient-air samples were collected into laboratory-supplied, batch-certified clean, 6-liter Summa® canisters with flow controllers calibrated for a 2-hour sample interval. Summa® canisters were labeled and delivered by courier to Alpha under standard chain-of-custody protocol. Soil vapor and ambient-air samples were analyzed for VOCs by USEPA Method TO-15.

After sample collection, the sampling media (probes, tubes, etc.) were removed, the sample locations were backfilled to grade with clean soil cuttings, clean sand, and/or bentonite grout,

and the holes were patched at grade with asphalt. Soil vapor-point construction logs and soil vapor and ambient-air sampling logs are included in Appendix F.

3.5 Investigation-Derived Waste Management

Langan containerized investigation-derived waste (IDW), consisting of excess soil cuttings and purged groundwater into seven labeled 55-gallon drums. The drums are staged on the central part of the site pending transport by a licensed waste hauler for disposal at an approved facility.

4.0 OBSERVATIONS AND RESULTS

4.1 Geophysical Survey

The geophysical survey identified municipal water, sewer, electric, telecom, drainage and gas lines entering the site to the east from South Townsend Street. Geophysical anomalies indicative of USTs were not identified; however, subsurface interference was encountered throughout the site due to gravelly subsurface conditions. A copy of the geophysical survey report is included in **Appendix C**.

4.2 Subsurface Observations

The site is underlain by uncontrolled fill, predominantly consisting of tan to brown fine-grained sand with varying amounts of silt, gravel, and clay that extends from grade surface to approximately 8 feet bgs. Gray, tan, and brown, clay with varying amounts of silt and fine sand was observed below the uncontrolled fill layer. A maximum PID reading of 119 parts per million (ppm), petroleum-like staining and odors were observed between 7 and 8 feet bgs in SB07. Bedrock was not encountered during the Phase II ESI.

Groundwater was observed between 6.12 to 9.68 feet bgs in monitoring wells across the site. PID readings of 0.1 ppm to 0.7 ppm were detected within the headspace of the monitoring wells prior to groundwater sampling; purged groundwater did not exhibit a sheen or odor. The inferred regional groundwater flow direction for the area surrounding the site is to the west.

4.3 Soil Sample Results

Soil sample analytical results were compared to the NYSDEC Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use (UU) and Restricted Use Restricted-Residential (RURR) Soil Cleanup Objectives (SCOs). Ranges of compounds detected at concentrations above the SCOs are listed below. RURR SCO exceedances are in bold text.

SVOCs

- Benzo(a)anthracene: **2.2 milligrams per kilogram (mg/kg)** in SB08_8-9 to **3.5 mg/kg** in SB09_1-2
- Benzo(a)pyrene: **1.6 mg/kg** in SB08_8-9 to **3.2 mg/kg** in SB09_1-2
- Benzo(b)fluoranthene: **1.6 mg/kg** in SB08_8-9 to **4 mg/kg** in SB09_1-2
- Benzoic acid: 1.2 mg/kg in SB09_1-2
- Chrysene: 2 mg/kg in SB08_8-9 to 3.3 mg/kg in SB09_1-2
- Dibenzo(a,h)anthracene: 0.45 in SB09_1-2
- Indeno(1,2,3-c,d)pyrene: **0.74 mg/kg** in SB08_8-9 to **2 mg/kg** in SB09_1-2

Metals

- Trivalent chromium: 32.7 mg/kg in SB08_1-2 to 88.1 mg/kg in SB07_1-2
- Copper: 72.6 mg/kg in SB01_4-5
- Lead: 91.5 in SB01_1-2 to **502 mg/kg** in SB01_4-5

- Mercury: **1.84 mg/kg** in SB01_4-5
- Nickel: 36 mg/kg in SB09_1-2
- Silver: 14.8 mg/kg in SB01_4-5
- Zinc: 114 mg/kg in SB04_0-1 to 162 mg/kg in SB01_4-5

VOCs, pesticides, and PCBs were not identified at concentrations above the UU SCOs. Soil sample analytical results are shown in Table 2 and Figure 2, and analytical laboratory reports are included in Appendix G.

4.4 Groundwater Sample Results

Groundwater sample analytical results were compared to the NYSDEC Title 6 NYCRR Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA water (collectively referred to as SGVs).

Total Metals

Three total metals were identified at concentrations exceeding their respective SGVs. Ranges of compounds detected at concentrations above the SGVs are listed below:

- Magnesium: 41,000 microgram per liter (µg/l) in MW02 to 42,100 µg/l in MW03
- Manganese: 413.7 µg/l in MW01 to 911.6 µg/l in MW02
- Sodium: 20,200 µg/l in MW03 to 336,000 µg/l in MW02

Dissolved Metals

Four dissolved metals were identified at concentrations exceeding their respective SGVs. Minimum and maximum exceeding values are summarized in the table below.

- Iron: 458 µg/l in MW01
- Magnesium: 40,100 µg/l in MW02 to 40,800 µg/l in MW03
- Manganese: 394 µg/l in MW01 to 828.4 µg/l in MW02
- Sodium: 38,300 µg/l in MW01 to 322,000 µg/l in MW02

VOCs, SVOCs, pesticides and PCBs were not detected at concentrations above the SGVs. Groundwater sample analytical results are shown in Table 3 and Figure 3, and analytical laboratory reports are included in Appendix G.

4.5 Soil Vapor Sample Results

There are no standards established for soil vapor in New York State; however, the NYSDOH has developed guidance documents addressing the risk of vapor intrusion into buildings from detected concentrations. The soil vapor and ambient-air sample results were compared to the Decision Matrices provided in the October 2006 NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017, 2024).

NYSDOH Decision Matrices evaluate eight chlorinated VOCs (CVOCs) and 13 petroleum-related VOCs using six matrices that evaluate the relationship between soil vapor and indoor-air concentrations and provide recommendations for actions such as monitoring or mitigation. Soil

vapor samples were compared against the matrix values for which monitoring or mitigation may be recommended; however, these recommendations are dependent not only on sub-slab concentrations but also on indoor-air concentrations.

Total VOCs detected in soil vapor samples ranged between 2,626.58 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in SV05 to 7,768.05 $\mu\text{g}/\text{m}^3$ in SV02. Benzene, toluene, ethylbenzene, and xylenes (BTEX) detected in soil vapor samples ranged between 59.5 $\mu\text{g}/\text{m}^3$ in SV04 to 153.1 $\mu\text{g}/\text{m}^3$ in SV02.

Of the eight CVOCs and 13 petroleum-related VOCs that were evaluated under the NYSDOH Decision Matrices, 1,1,1-trichloroethane (1,1,1-TCA), 1,2,4-trimethylbenzene (1,2,4-TMB), 2,2,4-trimethylpentane (2,2,4-TMP), benzene, carbon tetrachloride, cyclohexane, m,p-xylene, n-Heptane, n-hexane, methylene chloride, toluene, TCE and vinyl chloride were detected in the soil vapor samples. The following is a summary of concentration ranges for the detected matrix compounds in soil vapor samples.

Compound	NYSDOH Decision Matrices Minimum Concentration ($\mu\text{g}/\text{m}^3$) ¹	Soil Vapor Concentration Range ($\mu\text{g}/\text{m}^3$)	Number of Detections
1,1,1-TCA	100	6.17(SV01) – 18.3 (SV04)	5
1,2,4-trimethylbenzene	60	1.15 (SV01) – 1.26 (SV03)	2
2,2,4-trimethylpentane	60	2.2 (SV03) – 11.3 (SV05)	3
Benzene	60	76.7 (SV03) – 112 (SV02)	4
Carbon tetrachloride	6	1.55 (SV01) – 1.91 (SV03)	2
Cyclohexane	60	5.274 (SV03) – 100 (SV02)	3
Heptane	200	6.93 (SV02) – 116 (SV02)	4
Hexane	200	10.1 (SV04) – 352 (SV02)	5
M,p-xylene	200	2.5 (SV03)	1
Methylene chloride	100	2.35 (SV01) – 3.11 (SV03)	2
TCE	6	1.66 (SV02) – 16.1 (SV02)	1
Toluene	300	17.3 (SV04) – 46.4 (SV05)	5
Vinyl chloride	6	1.32 (SV02)	1

1. $\mu\text{g}/\text{m}^3$ – microgram per cubic meter

When carbon tetrachloride, 1,1,1-TCA, 1,2,4-TMB, 2,2,4-TMP, heptane, m,p-xylene, methylene chloride, toluene and vinyl chloride are evaluated against the minimum mitigation threshold concentrations using the NYSDOH Decision Matrices, no further action is recommended; however, when benzene, cyclohexane, hexane and TCE are evaluated against the Matrices, mitigation is recommended. The Phase II investigation did not include the collection of indoor-air samples so the matrix could not be applied as fully intended in the guidance.

Soil vapor and ambient-air sample analytical results are shown in Table 4 and Figure 4, and analytical laboratory reports are included in Appendix G.

5.0 FINDINGS AND CONCLUSIONS

The following is a summary of Phase II ESI findings and conclusions:

- The geophysical survey was limited to clearance of boring locations and identified potential utility lines on the northern and northwestern parts of the site. Geophysical anomalies indicative of USTs were not identified.
- The site is underlain by uncontrolled fill, predominantly consisting of tan to brown fine-grained sand with varying amounts of silt, gravel, and clay that extends from grade surface to approximately 8 feet bgs. Gray, tan, and brown, clay with varying amounts of silt and fine sand was observed below the uncontrolled fill layer. Bedrock was not encountered during the Phase II ESI. A maximum PID reading of 119 parts per million (ppm), petroleum-like staining and odors were observed between 7 and 8 feet bgs in SB07. Evidence of impacts (i.e., odors, stains, organic vapors) was not observed in the remaining boring locations. Petroleum impacts may be attributed to historic site operations and/or historic petroleum bulk storage.
- Soil analytical results identified SVOCs and metals about UU and/or RURR SCOs. Impacts may be attributed to historic site operations and/or historic infilling of the site.
- Total and dissolved metals including iron, magnesium, manganese and sodium were identified above SGVs in groundwater analytical results. These results are consistent with regional groundwater quality and are not indicative of a release.
- Petroleum-related and chlorinated VOCs were detected in soil vapor at concentrations ranging from 2,626.58 $\mu\text{g}/\text{m}^3$ in SV05 to 7,768.05 $\mu\text{g}/\text{m}^3$ in SV02. Of the eight CVOCs and 13 petroleum-related VOCs that were evaluated under the NYSDOH Decision Matrices, 1,1,1-TCA, 1,2,4-TMB, 2,2,4-TMP, benzene, carbon tetrachloride, cyclohexane, m,p-xylene, n-Heptane, n-hexane, methylene chloride, toluene, TCE and vinyl chloride were detected in the soil vapor samples. When soil vapor concentrations are evaluated against the minimum mitigation threshold concentrations using the NYSDOH Decision Matrices, recommendations range between "no further action" to "mitigate" for occupied structures. Soil vapor impacts may be attributed to historical site and/or off-site operations.

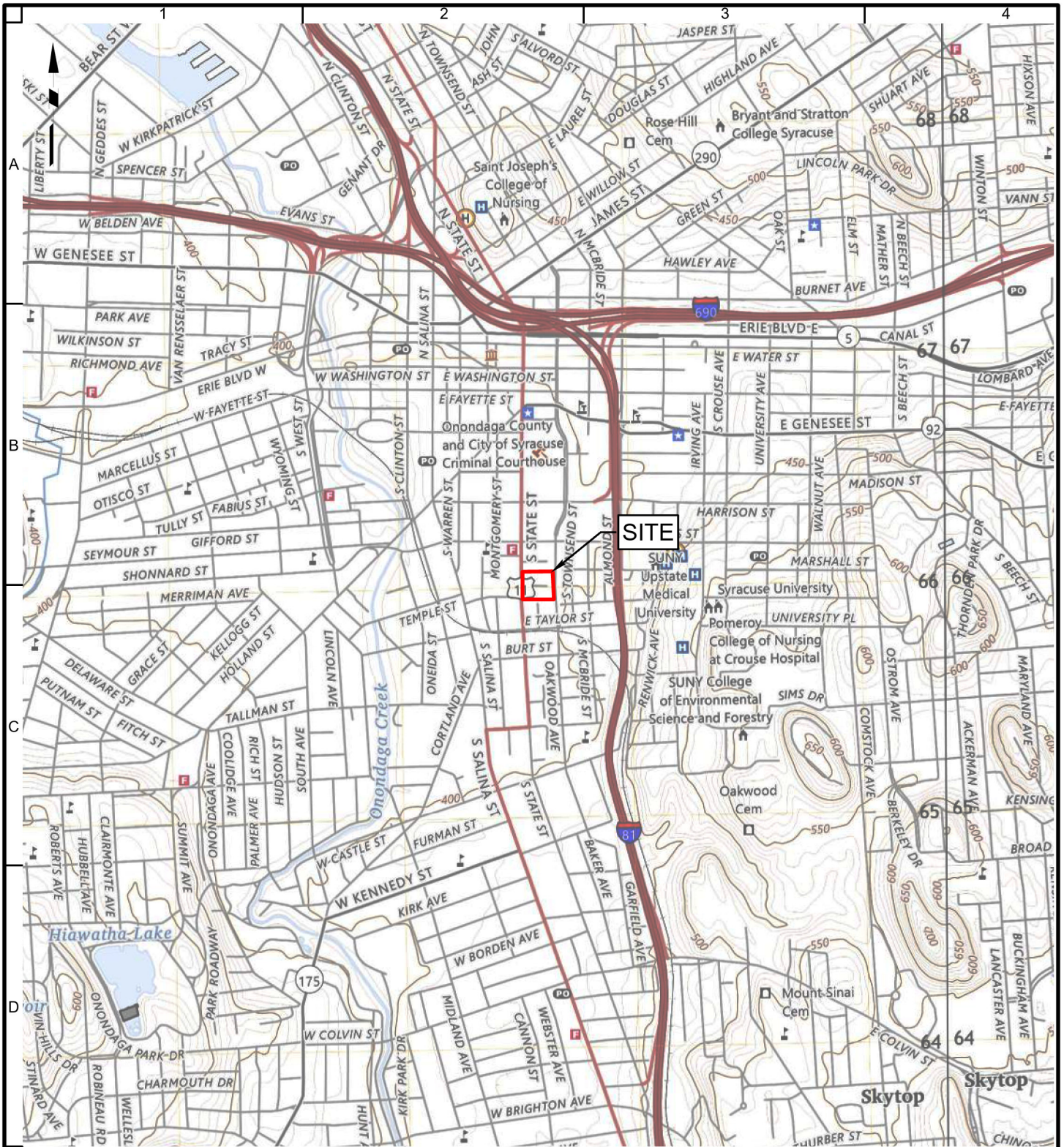
6.0 RECOMMENDATIONS

- SVOCs and metals were detected at concentrations exceeding RRU SCO levels throughout the site. At a minimum, these areas should be delineated, excavated and removed from the site as part of future development in accordance with MBS policy. Any soil exported from the property during construction must be characterized, profiled, and properly disposed. Alternatively, soils from the property may be used at another location with consent from the property owner and MBS.
- Concentrations of total and dissolved metals in groundwater are consistent with regional groundwater conditions; therefore, no further action is recommended. If groundwater is encountered and dewatering is required, the contractor shall obtain applicable local and/or state discharge permits.
- CVOCs and petroleum-related VOCs were identified in soil vapor at concentrations that may warrant mitigation. Installation of an active sub-slab depressurization system (SSDS) beneath future structures is recommended to mitigate potential for vapor intrusion. Indoor air testing may be required prior to building occupancy to ensure adequate vacuum conditions beneath the building foundation. The system should also be compatible with requirements for radon mitigation systems, as the site is located within Radon Zone 1.
- Based on the presence of contaminants of concern in soil and soil vapor above applicable regulatory standards related to former historic operations of the site, application to the NYSDEC Brownfield Cleanup Program (BCP) is recommended.

7.0 LIMITATIONS

This report was prepared expressly for MBSDI for the East Adams Redevelopment Phase Three Area property, located at 200 Chavez Terrace in Syracuse, New York, and for the objectives defined here. Special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions. Even a comprehensive sampling and testing program implemented in accordance with a professional standard of care may fail to detect certain conditions. The environmental, geologic, geotechnical, geochemical, and hydrogeologic conditions that Langan interprets to exist between sampling points may differ from those that actually exist. Actual conditions will vary from those encountered at the locations where borings, sampling, surveys, observations or explorations are made by Langan or its subcontractors and the data, interpretation, and recommendations of Langan are based solely on the information available to it. Furthermore, the passage of time, natural occurrences, and/or direct or indirect human intervention at or near the site may substantially alter discovered conditions. Langan cannot be responsible for interpretations by others of the information Langan develops or provides to MBSDI without specific written authorization from Langan.

FIGURES



Legend

Approximate Site Boundary



Notes:

1. Basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Syracuse West, New York, Quadrangle.

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Project EAST ADAMS REDEVELOPMENT PHASE III AREA

BLOCK No. 08, LOT No. 01.0

SYRACUSE

ONONDAGA COUNTY NEW YORK

Figure Title

SITE LOCATION MAP

Project No.
170859701

Date
10/3/2024

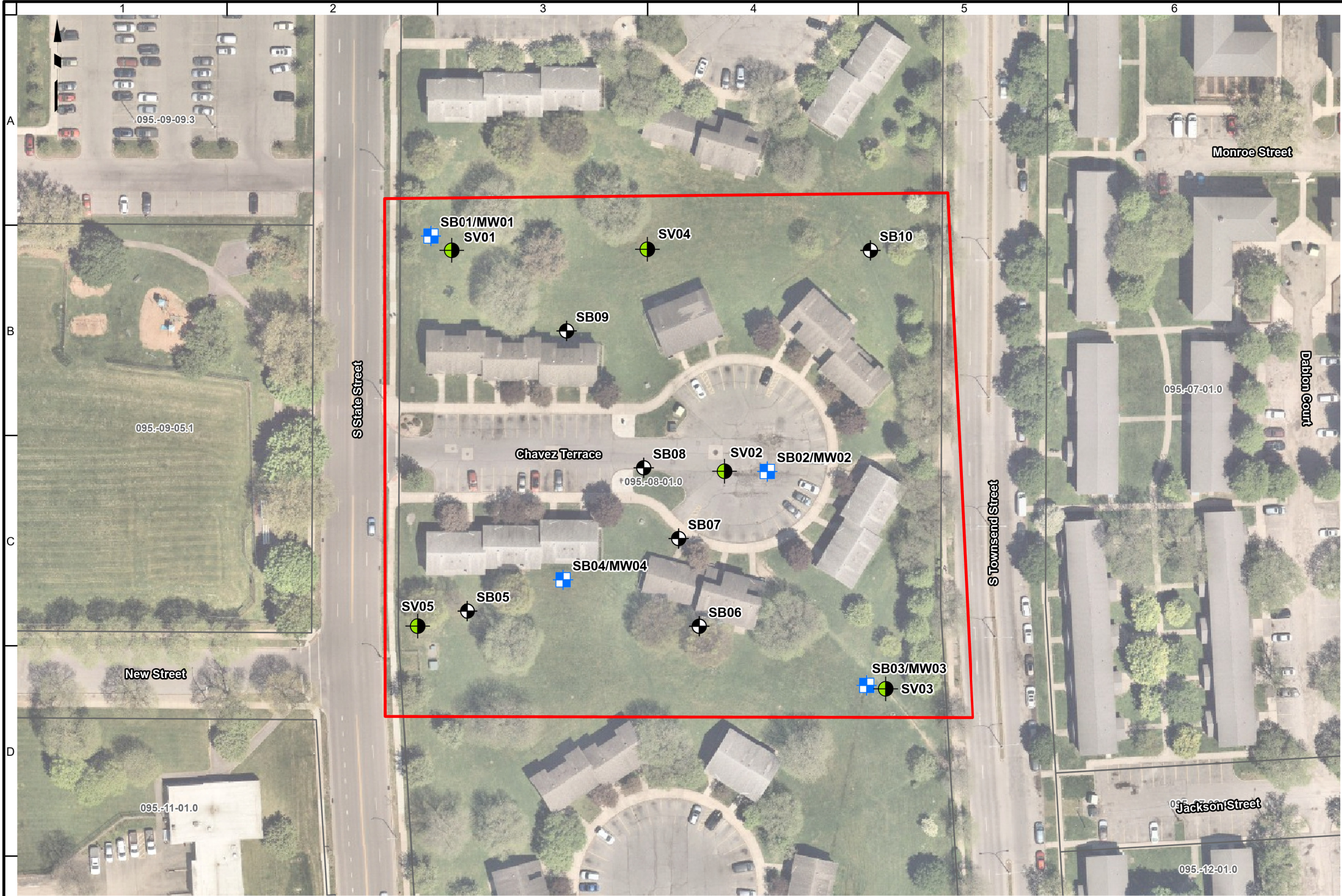
Scale
1"=2,000'

Drawn By
GS

Submission Date

Figure No.

1



- Legend**
- Approximate Site Boundary
 - Tax Parcel
 - Soil Boring Location
 - Soil Boring/Monitoring Well Location
 - Soil Vapor Sample Location

Notes:
1. Aerial imagery provided through Langan's subscription to NearMap.com, flown 5/7/2024.
2. All locations shown are approximate.
3. Tax parcel data provided by Onondaga County and New York State GIS.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

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SCALE IN FEET

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Project

**EAST ADAMS
REDEVELOPMENT
PHASE III AREA**

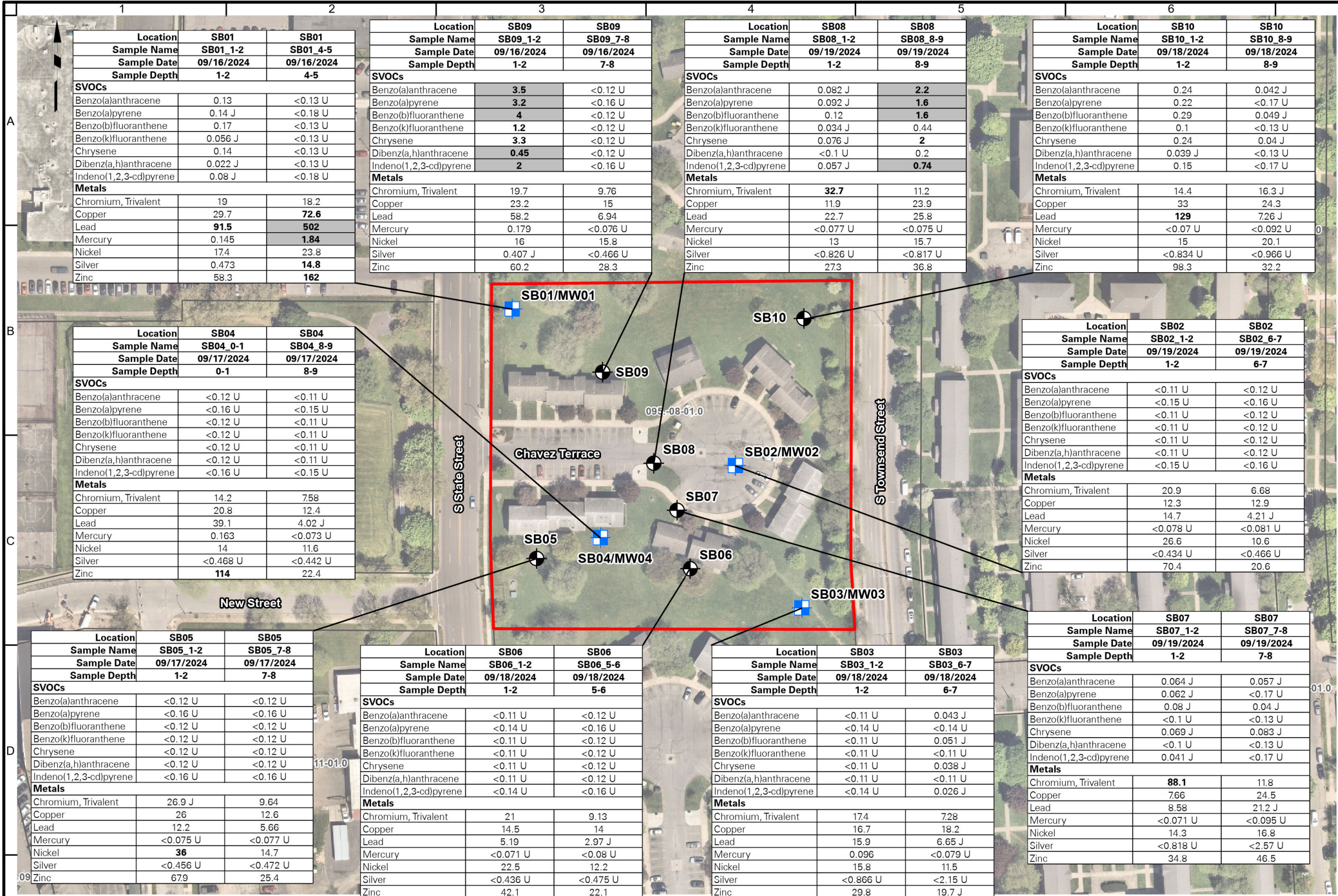
BLOCK No. 08, LOT No. 01.0
SYRACUSE

ONONDAGA COUNTY NEW YORK

Figure Title

**BORING
LOCATION PLAN**

Project No. 170859701	Figure No. 2
Date 10/3/2024	
Scale 1"=80'	
Drawn By GS	



Legend

- Soil Boring Location
- Soil Boring/Monitoring Well Location
- Approximate Site Boundary
- Tax Parcel

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs
SVOCs		
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenz(a,h)anthracene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
Metals		
Chromium, Trivalent	30	180
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Nickel	30	310
Silver	2	180
Zinc	109	10000

Exceedance Summary:

- 10 - Result exceeds Unrestricted Use SCOs
- 10 - Result exceeds Restricted Use Restricted-Residential SCOs

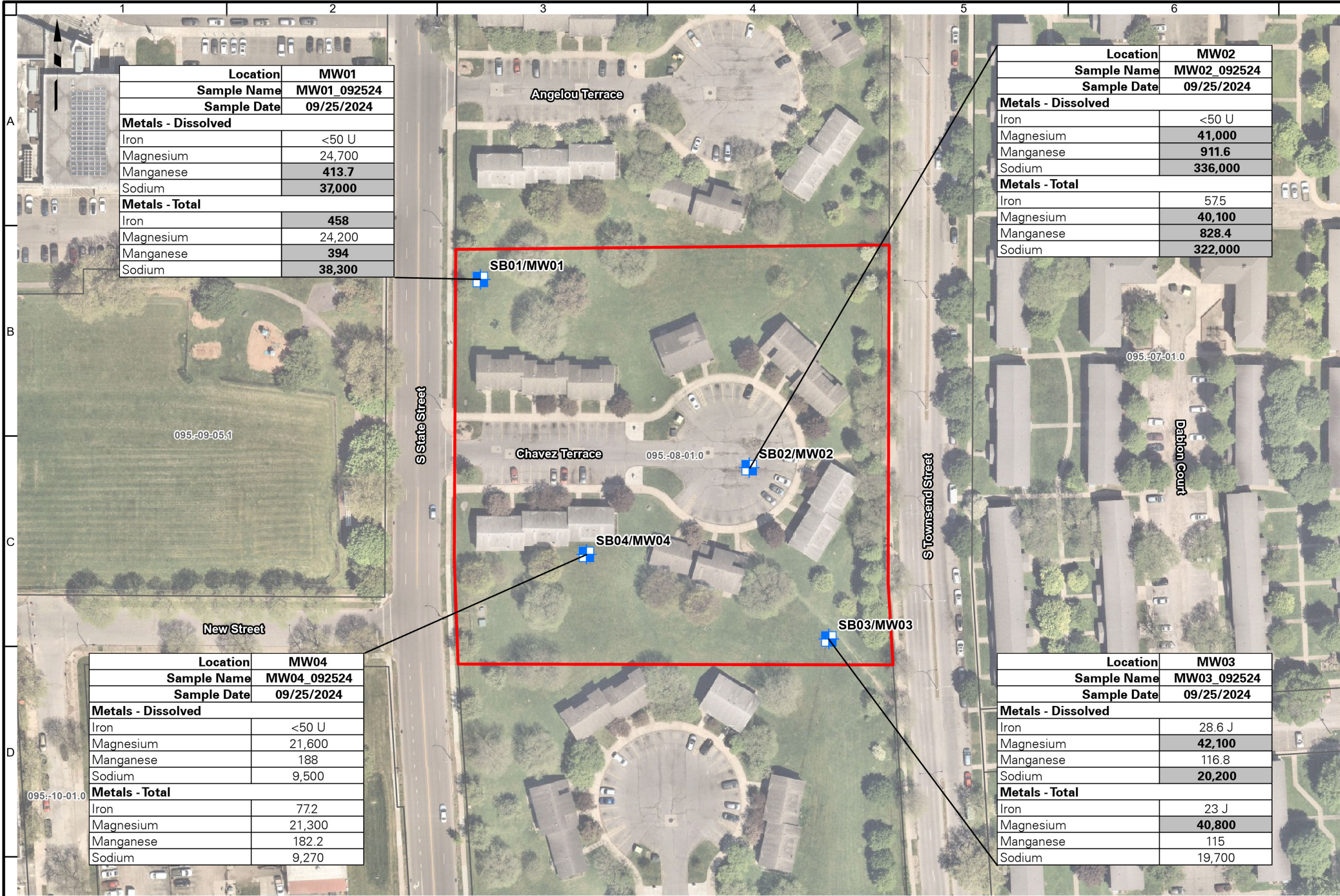
Notes:

- Aerial imagery provided through Langan's subscription to NearMap.com, flown 5/7/2024.
- All locations shown are approximate.
- Tax parcel data provided by Onondaga County and New York State GIS.
- Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).
- mg/kg - milligram per kilogram
- RL - Reporting limit
- <RL - Not detected

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.



Legend

Soil Boring/Monitoring Well Location

Approximate Site Boundary

Tax Parcel

Analyte	NYSDEC SGVs
Metals - Dissolved	
Iron	300
Magnesium	35000
Manganese	300
Sodium	20000
Metals - Total	
Iron	300
Magnesium	35000
Manganese	300
Sodium	20000

Exceedance Summary:
10 - Result exceeds NYSDEC SGVs

Notes:
1. Aerial imagery provided through Langan's subscription to NearMap.com, flown 5/7/2024.
2. All locations shown are approximate.
3. Tax parcel data provided by Onondaga County and New York State GIS.
4. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").
4. ug/l - microgram per liter
5. RL - Reporting limit
6. <RL - Not detected

Qualifiers:
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

100

0

100

SCALE IN FEET

LANGAN

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Project

EAST ADAMS
REDEVELOPMENT
PHASE III AREA
BLOCK No. 08, LOT No. 01.0
SYRACUSE
ONONDAGA COUNTYNEW YORK

Figure Title

GROUNDWATER
LOCATION
AND ANALYTICAL
RESULTS MAP

Project No.
170859701

Date
10/4/2024

Scale
1"=100'

Drawn By
GS

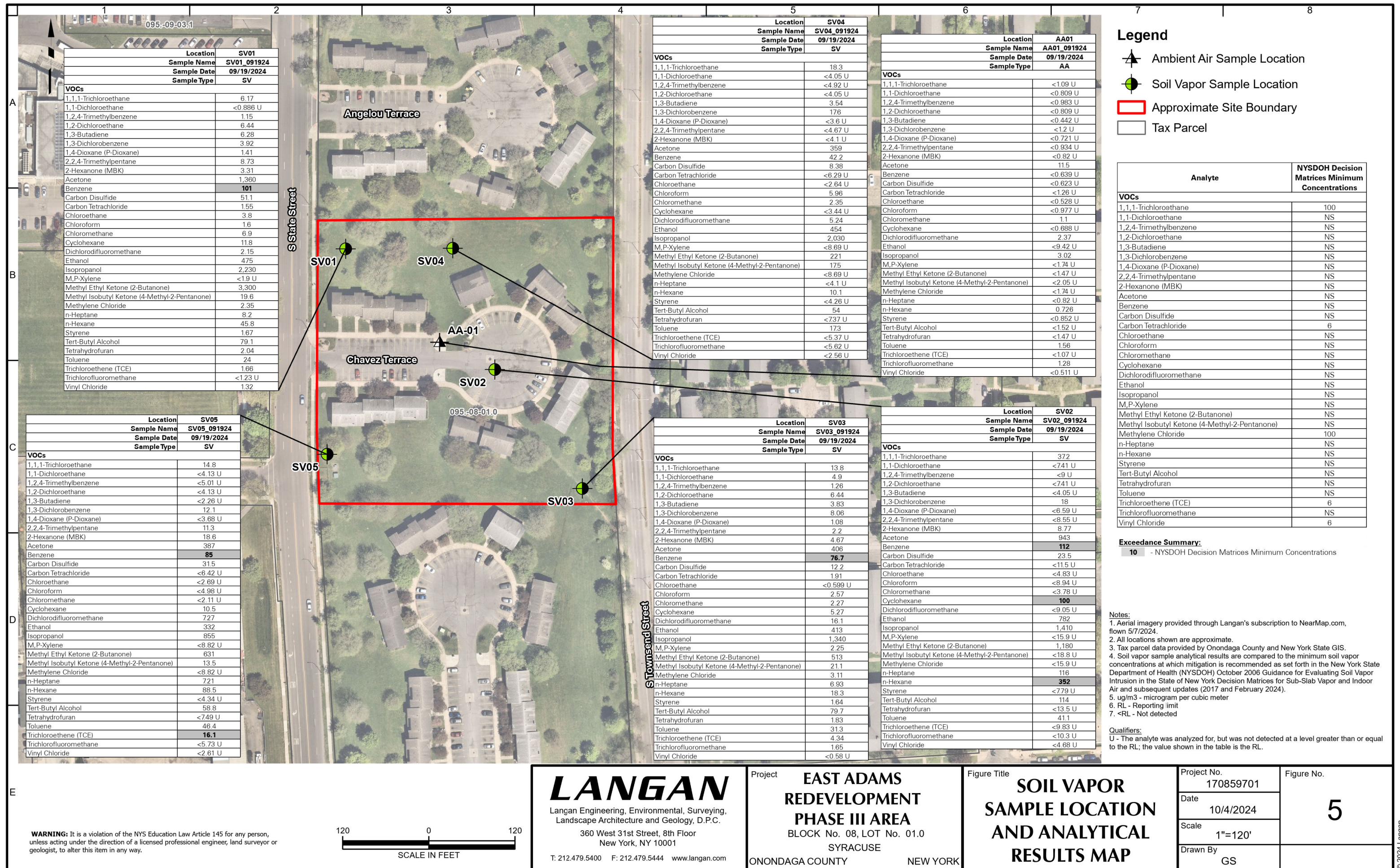
Figure No.

4

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

Path: \\langan.com\data\NYC\data\71170859701\Project Data\ArcGIS\APRX\170859701\170859701.aprx Date: 10/4/2024 User: mgeorgalas Time: 11:40 AM

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TABLES

Table 1
Phase II Environmental Site Investigation Report
Sample Summary

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No.: 170859701

No.	Boring	Proposed Sample Name	Sample Date	Rationale	Depth (bgs)	Analyses
SOIL						
1	SB01	SB01_1-2	9/16/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
2		SB01_4-5	9/16/2024	Non-native fill layer	4-5	Part 375/TCL VOCs, SVOCs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
3	SB02	SB02_1-2	9/19/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
4		SB02_6-7	9/18/2024	Non-native fill layer	6-7	Part 375/TCL VOCs, SVOCs, PCBs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
5	SB03	SB03_1-2	9/18/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
6		SB03_6-7	9/18/2024	Non-native fill layer	6-7	Part 375/TCL VOCs, SVOCs, pesticides, TAL metals (including trivalent and hexavalent chromium), and PFAS
7	SB04	SB04_0-1	9/17/2024	Surficial Sample	0-1	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
8		SB04_8-9	9/17/2024	Non-native fill layer	8-9	Part 375/TCL VOCs, SVOCs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
9	SB05	SB05_1-2	9/17/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
10		SB05_7-8	9/17/2024	Non-native fill layer	7-8	Part 375/TCL VOCs, SVOCs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
11	SB06	SB06_1-2	9/18/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
12		SB06_5-6	9/18/2024	Non-native fill layer	5-6	Part 375/TCL VOCs, SVOCs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
13	SB07	SB07_1-2	9/19/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
14		SB07_7-8	9/19/2024	Greatest degree of impacts	7-8	Part 375/TCL VOCs, SVOCs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
15	SB08	SB08_1-2	9/19/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
16		SB08_8-9	9/19/2024	Non-native fill layer	8-9	Part 375/TCL VOCs, SVOCs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
17	SB09	SB09_1-2	9/16/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
18		SB09_7-8	9/16/2024	Non-native fill layer	7-8	Part 375/TCL VOCs, SVOCs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
19	SB10	SB10_1-2	9/18/2024	Surficial Sample	1-2	Part 375/TCL SVOCs, TAL metals (including trivalent and hexavalent chromium)
20		SB10_8-9	9/18/2024	Non-native fill layer	8-9	Part 375/TCL VOCs, SVOCs, pesticides, and TAL metals (including trivalent and hexavalent chromium)
GROUNDWATER						
1	MW01	MW01_092524	9/25/2024	Midpoint of screened interval	-	TCL VOCs, SVOCs, PCBs, pesticides, TAL metals (total and dissolved), trivalent and hexavalent chromium
2	MW02	MW02_092524	9/25/2024		-	
3	MW03	MW03_092524	9/25/2024		-	
4	MW04	MW04_092524	9/25/2024		-	
Air						
1	SV01	SV01_DATE	9/19/2024	Two feet above the groundwater table	-	TO-15 VOCs
2	SV02	SV02_DATE	9/19/2024		-	
3	SV03	SV03_DATE	9/19/2024		-	
4	SV04	SV04_DATE	9/19/2024		-	
5	SV05	SV05_DATE	9/19/2024		-	

Notes:

1. Soil sample depth intervals will be determined in the field.
2. Soil samples to be analyzed for New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Part 375-list compounds.
3. TBD = to be determined (in the field)
4. VOC = volatile organic compound
5. SVOC = semivolatile organic compound
6. PCB = polychlorinated biphenyl
7. TCL = Target Compound List
8. TAL = Target Analyte List
9. QA/QC = quality assurance/quality control
10. NA = not applicable
11. PFAS = per-fluorinated chemicals as limited to the list of compounds designated by NYSDEC

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results
East Adams Redevelopment - Phase III Area
Syracuse, New York
Lanigan Project No. 17066701

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted-Residential SCOs	Location Sample Name	SB01	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06	SB07	SB07	SB08	SB08	SB09	SB09	SB10	SB10	
					Sample Date	SB01-1-2	SB01-4-5	SB02-1-2	SB02-6-7	SB03-1-2	SB03-6-7	SB04-1-2	SB04-8-9	SB05-1-2	SB05-7-8	SB06-1-2	SB06-5-6	SB07-1-2	SB07-7-8	SB08-1-2	SB08-8-9	SB09-1-2	SB09-7-8	SB10-1-2	SB10-8-9
					Sample Depth	1-2	4-5	1-2	6-7	1-2	6-7	1-2	8-9	1-2	7-8	1-2	8-6	1-2	7-8	1-2	8-9	1-2	7-8	1-2	8-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																									
1,1,2-Trichloroethane	630-20-6	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA		
1,1,2-Trichloroethane	71-55-6	0.68	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA		
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA		
1,1-Trichloroethane	79-00-5	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
1,2-Dichloroethane	75-34-3	0.27	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
1,1-Dichloroethane	75-36-4	0.33	100	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
1,1-Dichloropropene	563-58-6	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA		
1,2,3-Trichlorobenzene	87-61-6	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,2,3-Trichloropropane	96-18-4	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,2,4-Trimethylbenzene	95-63-6	3.6	52	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,2-Dichloro-3-Chloropropane	166-21-8	NS	NS	mg/kg	NA	<0.003 U	NA	<0.003 U	NA	<0.003 U	NA	<0.003 U	NA	<0.003 U	NA	<0.003 U	NA	<0.003 U	NA	<0.003 U	NA	<0.003 U	NA		
1,2-Dibromomethane (Ethylene Dibromide)	106-95-4	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,2-Dichloroethane	101-06-2	0.02	2.1	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
1,2-Dichloropropane	78-87-5	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
1,3,5-Trimethylbenzene (Mesitylene)	106-47-8	8.4	52	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,3-Dichloropropane	142-29-9	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,3-Dichloropropane	106-46-7	1.8	13	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,4-Diethyl Benzene	105-65-5	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
1,4-Dioxane (P-Dioxane)	12391-1	0.1	13	mg/kg	NA	<0.08 U	NA	<0.08 U	NA	<0.08 U	NA	<0.08 U	NA	<0.07 U	NA	<0.08 U	NA	<0.07 U	NA	<0.08 U	NA	<0.07 U	NA		
1,2,3-Trichlorobenzene	98-20-7	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
2-Chlorotoluene	95-49-8	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
2-Hexanone (MIBK)	501-78-6	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
2-Chlorotoluene	106-43-4	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
4-Ethyltoluene	622-96-8	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
Acetone	67-64-1	0.05	100	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	0.0084 U	NA	0.016	NA	0.0063 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA		
Arylonitrile	107-13-1	NS	NS	mg/kg	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA		
Benzene	71-43-2	0.06	4.8	mg/kg	NA	<0.005 U	NA	<0.005 U	NA	<0.005 U	NA	<0.005 U	NA	<0.004 U	NA	<0.005 U	NA	<0.005 U	NA	0.00069	NA	<0.0005 U	NA		
Bromobenzene	106-86-1	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
Bromochloromethane	74-97-5	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
Bromodichloromethane	75-27-4	NS	NS	mg/kg	NA	<0.005 U	NA	<0.005 U	NA	<0.005 U	NA	<0.005 U	NA	<0.004 U	NA	<0.005 U	NA	<0.005 U	NA	<0.005 U	NA	<0.005 U	NA		
Bromotoluene	75-25-2	NS	NS	mg/kg	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA		
Bromomethane	74-83-9	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
Carbon Disulfide	75-15-0	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
Carbon Tetrachloride	56-23-5	0.76	2.4	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
Chlorobenzene	106-86-7	1.1	100	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA		
Chloroethane	75-00-3	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA		
Chloroform	67-66-3	0.37	49	mg/kg	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0017 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0018 U	NA		
Chloromethane	74-87-3	NS	NS	mg/kg	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.003 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA		
Cis-1,2-Dichloroethane	186-59-2	0.25	100	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
Cis-1,2-Dichloropropane	10081-01-5	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA		
Cymene	99-07-8	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
Dibromodichloromethane	124-48-1	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA	<0.0009 U	NA		
D																									

Analyte	CAS Number	NYSED Part 375 Unrestricted Use SCOs	NYSED Part 375 Restricted Use Residential SCOs	Location	SBO1-1		SBO1-4		SBO1-2		SBO1-6		SBO1-12		SBO1-3		SBO1-5		SBO1-8		SBO1-10		SBO1-14		SBO1-16		SBO1-18		SBO1-20		SBO1-22		SBO1-24		SBO1-26		SBO1-28		SBO1-30		SBO1-32		SBO1-34		SBO1-36		SBO1-38		SBO1-40		SBO1-42		SBO1-44		SBO1-46		SBO1-48		SBO1-50		SBO1-52		SBO1-54		SBO1-56		SBO1-58		SBO1-60		SBO1-62		SBO1-64		SBO1-66		SBO1-68		SBO1-70		SBO1-72		SBO1-74		SBO1-76		SBO1-78		SBO1-80		SBO1-82		SBO1-84		SBO1-86		SBO1-88		SBO1-90		SBO1-92		SBO1-94		SBO1-96		SBO1-98		SBO1-100		SBO1-102		SBO1-104		SBO1-106		SBO1-108		SBO1-110		SBO1-112		SBO1-114		SBO1-116		SBO1-118		SBO1-120		SBO1-122		SBO1-124		SBO1-126		SBO1-128		SBO1-130		SBO1-132		SBO1-134		SBO1-136		SBO1-138		SBO1-140		SBO1-142		SBO1-144		SBO1-146		SBO1-148		SBO1-150		SBO1-152		SBO1-154		SBO1-156		SBO1-158		SBO1-160		SBO1-162		SBO1-164		SBO1-166		SBO1-168		SBO1-170		SBO1-172		SBO1-174		SBO1-176		SBO1-178		SBO1-180		SBO1-182		SBO1-184		SBO1-186		SBO1-188		SBO1-190		SBO1-192		SBO1-194		SBO1-196		SBO1-198		SBO1-200		SBO1-202		SBO1-204		SBO1-206		SBO1-208		SBO1-210		SBO1-212		SBO1-214		SBO1-216		SBO1-218		SBO1-220		SBO1-222		SBO1-224		SBO1-226		SBO1-228		SBO1-230		SBO1-232		SBO1-234		SBO1-236		SBO1-238		SBO1-240		SBO1-242		SBO1-244		SBO1-246		SBO1-248		SBO1-250		SBO1-252		SBO1-254		SBO1-256		SBO1-258		SBO1-260		SBO1-262		SBO1-264		SBO1-266		SBO1-268		SBO1-270		SBO1-272		SBO1-274		SBO1-276		SBO1-278		SBO1-280		SBO1-282		SBO1-284		SBO1-286		SBO1-288		SBO1-290		SBO1-292		SBO1-294		SBO1-296		SBO1-298		SBO1-300		SBO1-302		SBO1-304		SBO1-306		SBO1-308		SBO1-310		SBO1-312		SBO1-314		SBO1-316		SBO1-318		SBO1-320		SBO1-322		SBO1-324		SBO1-326		SBO1-328		SBO1-330		SBO1-332		SBO1-334		SBO1-336		SBO1-338		SBO1-340		SBO1-342		SBO1-344		SBO1-346		SBO1-348		SBO1-350		SBO1-352		SBO1-354		SBO1-356		SBO1-358		SBO1-360		SBO1-362		SBO1-364		SBO1-366		SBO1-368		SBO1-370		SBO1-372		SBO1-374		SBO1-376		SBO1-378		SBO1-380		SBO1-382		SBO1-384		SBO1-386		SBO1-388		SBO1-390		SBO1-392		SBO1-394		SBO1-396		SBO1-398		SBO1-400		SBO1-402		SBO1-404		SBO1-406		SBO1-408		SBO1-410		SBO1-412		SBO1-414		SBO1-416		SBO1-418		SBO1-420		SBO1-422		SBO1-424		SBO1-426		SBO1-428		SBO1-430		SBO1-432		SBO1-434		SBO1-436		SBO1-438		SBO1-440		SBO1-442		SBO1-444		SBO1-446		SBO1-448		SBO1-450		SBO1-452		SBO1-454		SBO1-456		SBO1-458		SBO1-460		SBO1-462		SBO1-464		SBO1-466		SBO1-468		SBO1-470		SBO1-472		SBO1-474		SBO1-476		SBO1-478		SBO1-480		SBO1-482		SBO1-484		SBO1-486		SBO1-488		SBO1-490		SBO1-492		SBO1-494		SBO1-496		SBO1-498		SBO1-500		SBO1-502		SBO1-504		SBO1-506		SBO1-508		SBO1-510		SBO1-512		SBO1-514		SBO1-516		SBO1-518		SBO1-520		SBO1-522		SBO1-524		SBO1-526		SBO1-528		SBO1-530		SBO1-532		SBO1-534		SBO1-536		SBO1-538		SBO1-540		SBO1-542		SBO1-544		SBO1-546		SBO1-548		SBO1-550		SBO1-552		SBO1-554		SBO1-556		SBO1-558		SBO1-560		SBO1-562		SBO1-564		SBO1-566		SBO1-568		SBO1-570		SBO1-572		SBO1-574		SBO1-576		SBO1-578		SBO1-580		SBO1-582		SBO1-584		SBO1-586		SBO1-588		SBO1-590		SBO1-592		SBO1-594		SBO1-596		SBO1-598		SBO1-600		SBO1-602		SBO1-604		SBO1-606		SBO1-608		SBO1-610		SBO1-612		SBO1-614		SBO1-616		SBO1-618		SBO1-620		SBO1-622		SBO1-624		SBO1-626		SBO1-628		SBO1-630		SBO1-632		SBO1-634		SBO1-636		SBO1-638		SBO1-640		SBO1-642		SBO1-644		SBO1-646		SBO1-648		SBO1-650		SBO1-652		SBO1-654		SBO1-656		SBO1-658		SBO1-660		SBO1-662		SBO1-664		SBO1-666		SBO1-668		SBO1-670		SBO1-672		SBO1-674		SBO1-676		SBO1-678		SBO1-680		SBO1-682		SBO1-684		SBO1-686		SBO1-688		SBO1-690		SBO1-692		SBO1-694		SBO1-696		SBO1-698		SBO1-700		SBO1-702		SBO1-704		SBO1-706		SBO1-708		SBO1-710		SBO1-712		SBO1-714		SBO1-716		SBO1-718		SBO1-720		SBO1-722		SBO1-724		SBO1-726		SBO1-728		SBO1-730		SBO1-732		SBO1-734		SBO1-736		SBO1-738		SBO1-740		SBO1-742		SBO1-744		SBO1-746		SBO1-748		SBO1-750		SBO1-752		SBO1-754		SBO1-756		SBO1-758		SBO1-760		SBO1-762		SBO1-764		SBO1-766		SBO1-768		SBO1-770		SBO1-772		SBO1-774		SBO1-776		SBO1-778		SBO1-780		SBO1-782		SBO1-784		SBO1-786		SBO1-788		SBO1-790		SBO1-792		SBO1-794		SBO1-796		SBO1-798		SBO1-800		SBO1-802		SBO1-804		SBO1-806		SBO1-808		SBO1-810		SBO1-812		SBO1-814		SBO1-816		SBO1-818		SBO1-820		SBO1-822		SBO1-824		SBO1-826		SBO1-828		SBO1-830		SBO1-832		SBO1-834		SBO1-836		SBO1-838		SBO1-840		SBO1-842		SBO1-844		SBO1-846		SBO1-848		SBO1-850		SBO1-852		SBO1-854		SBO1-856		SBO1-858		SBO1-860		SBO1-862		SBO1-864		SBO1-866		SBO1-868		SBO1-870		SBO1-872		SBO1-874		SBO1-876		SBO1-878		SBO1-880		SBO1-882		SBO1-884		SBO1-886		SBO1-888		SBO1-890		SBO1-892		SBO1-894		SBO1-896		SBO1-898		SBO1-900		SBO1-902		SBO1-904		SBO1-906		SBO1-908		SBO1-910		SBO1-912		SBO1-914		SBO1-916		SBO1-918		SBO1-920		SBO1-922		SBO1-924		SBO1-926		SBO1-928		SBO1-930		SBO1-932		SBO1-934		SBO1-936		SBO1-938		SBO1-940		SBO1-942		SBO1-944		SBO1-946		SBO1-948		SBO1-950		SBO1-952		SBO1-954		SBO1-956		SBO1-958		SBO1-960		SBO1-962		SBO1-964		SBO1-966		SBO1-968		SBO1-970		SBO1-972		SBO1-974		SBO1-976		SBO1-978		SBO1-980		SBO1-982		SBO1-984		SBO1-986		SBO1-988		SBO1-990		SBO1-992		SBO1-994		SBO1-996		SBO1-998		SBO1-1000		SBO1-1002		SBO1-1004		SBO1-1006		SBO1-1008		SBO1-1010		SBO1-1012		SBO1-1014		SBO1-1016		SBO1-1018		SBO1-1020		SBO1-1022		SBO1-1024		SBO1-1026		SBO1-1028		SBO1-1030		SBO1-1032		SBO1-1034		SBO1-1036		SBO1-1038		SBO1-1040		SBO1-1042		SBO1-1044		SBO1-1046		SBO1-1048		SBO1-1050		SBO1-1052		SBO1-1054		SBO1-1056		SBO1-1058		SBO1-1060		SBO1-1062		SBO1-1064		SBO1-1066		SBO1-1068		SBO1-1070		SBO1-1072		SBO1-1074		SBO1-1076		SBO1-1078		SBO1-1080		SBO1-1082		SBO1-1084		SBO1-1086		SBO1-1088		SBO1-1090		SBO1-1092		SBO1-1094		SBO1-1096		SBO1-1098		SBO1-1100		SBO1-1102		SBO1-1104		SBO1-1106		SBO1-1108		SBO1-1110		SBO1-1112		SBO1-1114		SBO1-1116		SBO1-1118		SBO1-1120		SBO1-1122		SBO1-1124		SBO1-1126		SBO1-1128		SBO1-1130		SBO1-1132		SBO1-1134		SBO1-1136		SBO1-1138		SBO1-1140		SBO1-1142		SBO1-1144		SBO1-1146		SBO1-1148		SBO1-1150		SBO1-1152		SBO1-1154		SBO1-1156		SBO1-1158		SBO1-1160		SBO1-1162		SBO1-1164		SBO1-1166		SBO1-1168		SBO1-1170		SBO1-1172		SBO1-1174		SBO1-1176		SBO1-1178		SBO1-1180		SBO1-1182		SBO1-1184		SBO1-1186		SBO1-1188		SBO1-1190		SBO1-1192		SBO1-1194		SBO1-1196		SBO1-1198		SBO1-1200		SBO1-1202		SBO1-1204		SBO1-1206		SBO1-1208		SBO1-1210		SBO1-1212		SBO1-1214		SBO1-1216		SBO1-1218		SBO1-1220		SBO1-1222		SBO1-1224		SBO1-1226		SBO1-1228		SBO1-1230		SBO1-1232		SBO1-1234		SBO1-1236		SBO1-1238		SBO1-1240		SBO1-1242		SBO1-1244		SBO1-1246		SBO1-1248		SBO1-1250		SBO1-1252		SBO1-1254		SBO1-1256		SBO1-1258		SBO1-1260		SBO1-1262		SBO1-1264		SBO1-1266		SBO1-1268		SBO1-1270		SBO1-1272		SBO1-1274		SBO1-1276		SBO1-1278		SBO1-1280		SBO1-1282		SBO1-1284		SBO1-1286		SBO1-1288		SBO1-1290		SBO1-1292		SBO1-1294		SBO1-1296		SBO1-1298		SBO1-1300		SBO1-1302		SBO1-1304		SBO1-1306		SBO1-1308		SBO1-1310		SBO1-1312		SBO1-1314		SBO1-1316		SBO1-1318		SBO1-1320		SBO1-1322		SBO1-1324		SBO1-1326		SBO1-1328		SBO1-1330		SBO1-1332		SBO1-1334		SBO1-1336		SBO1-1338		SBO1-1340		SBO1-1342		SBO1-1344		SBO1-1346		SBO1-1348		SBO1-1350		SBO1-1352		SBO1-1354		SBO1-1356		SBO1-1358		SBO1-1360		SBO1-1362		SBO1-1364		SBO1-1366		SBO1-1368		SBO1-1370		SBO1-1372		SBO1-1374		SBO1-1376		SBO1-1378		SBO1-1380		SBO1-1382		SBO1-1384		SBO1-1386		SBO1-1388		SBO1-1390		SBO1-1392		SBO1-1394		SBO1-1396		SBO1-1398		SBO1-1400		SBO1-1402		SBO1-1404		SBO1-1406		SBO1-1408		SBO1-1410		SBO1-1412		SBO1-1414		SBO1-1416		SBO1-1418		SBO1-1420		SBO1-1422		SBO1-1424		SBO1-1426		SBO1-1428		SBO1-1430		SBO1-1432		SBO1-1434		SBO1-1436		SBO1-1438		SBO1-1440		SBO1-1442		SBO1-1444		SBO1-1446		SBO1-1448		SBO1-1450		SBO1-1452		SBO1-1454		SBO1-1456		SBO1-1458		SBO1-1460		SBO1-1462		SBO1-1464		SBO1-1466		SBO1-1468		SBO1-1470		SBO1-1472		SBO1-1474		SBO1-1476		SBO1-1478		SBO1-1480		SBO1-1482		SBO1-1484		SBO1-1486		SBO1-1488		SBO1-1490		SBO1-1492		SBO1-1494		SBO1-1496		SBO1-1498		SBO1-1500		SBO1-1502		SBO1-1504		SBO1-1506		SBO1-1508		SBO1-1510		SBO1-1512		SBO1-1514		SBO1-1516		SBO1-1518		SBO1-1520		SBO1-1522		SBO1-1524		SBO1-1526		SBO1-1528		SBO1-1530		SBO1-1532		SBO1-1534		SBO1-1536		SBO1-1538		SBO1-1540		SBO1-1542		SBO1-1544		SBO1-1546		SBO1-1548		SBO1-1550		SBO1-1552		SBO1-1554		SBO1-1556		SBO1-1558		SBO1-1560		SBO1-1562		SBO1-1564		SBO1-1566		SBO1-1568		SBO1-1570		SBO1-1572		SBO1-1574		SBO1-1576		SBO1-1578		SBO1-1580		SBO1-1582		SBO1-1584		SBO1-1586		SBO1-1588		SBO1-1590		SBO1-1592		SBO1-1594		SBO1-1596		SBO1-1598		SBO1-1600		SBO1-1602		SBO1	

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No. 17069701

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location Sample Date Sample Depth	S801	S801	S802	S802	S803	S803	S804	S804	S805	S805	S806	S806	S807	S807	S808	S808	S809	S809	S810	S810		
					S801-1-2	S801-4-5	S802-1-2	S802-6-7	S803-1-2	S803-6-7	S804-0-1	S804-8-9	S805-1-2	S805-7-8	S806-1-2	S806-5-6	S807-1-2	S807-7-8	S808-1-2	S808-8-9	S809-1-2	S809-7-8	S810-1-2	S810-8-9		
					09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																										
4,4'-DDD	72-54-8	0.0033	13	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U		
4,4'-DDE	72-55-9	0.0033	8.9	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	0.000602 J		
4,4'-DDT	50-29-3	0.0033	7.9	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U		
Aldrin	309-00-2	0.006	0.097	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U		
Alpha BHC (Alpha Hexachlorocyclohexane)	51994-6	0.02	0.48	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000699 U	NA	<0.000744 U	NA	<0.000792 U	NA	<0.000792 U	NA	<0.000892 U	NA	<0.000792 U	NA	<0.000792 U	NA	<0.000892 U		
Alpha Chlordane	51037-1-9	0.094	4.2	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.0021 U	NA	<0.00223 U	NA	<0.00223 U	NA	<0.00235 U	NA	<0.00249 U	NA	0.000954 J	NA	<0.00249 U	NA	<0.00249 U		
Alpha Endosulfan	959-98-8	2.4	24	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U		
Beta BHC (Beta Hexachlorocyclohexane)	31945-7	0.036	0.36	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U		
Beta Endosulfan	32213-65-9	2.4	24	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U		
Chlordane (Alpha and gamma)	57-74-9	NS	NS	mg/kg	NA	<0.00179 U	NA	<0.016 U	NA	<0.014 U	NA	<0.0149 U	NA	<0.0156 U	NA	<0.0156 U	NA	<0.0166 U	NA	<0.0142 U	NA	<0.0153 U	NA	<0.0166 U		
Delta BHC (Delta Hexachlorocyclohexane)	31936-8	0.04	100	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U		
Dieldrin	60-57-1	0.006	0.2	mg/kg	NA	<0.00134 U	NA	<0.0012 U	NA	<0.00105 U	NA	<0.00112 U	NA	<0.00117 U	NA	<0.00118 U	NA	<0.00124 U	NA	<0.00106 U	NA	<0.00115 U	NA	<0.00124 U		
Endosulfan Sulfate	1031-07-8	2.4	24	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000699 U	NA	<0.000744 U	NA	<0.000792 U	NA	<0.000792 U	NA	<0.000892 U	NA	<0.000792 U	NA	<0.000792 U	NA	<0.000892 U		
Erdin	72-20-9	0.014	11	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000699 U	NA	<0.000744 U	NA	<0.000792 U	NA	<0.000792 U	NA	<0.000892 U	NA	<0.000792 U	NA	<0.000792 U	NA	<0.000892 U		
Erdin Aldehyde	7421-93-4	NS	NS	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.0021 U	NA	<0.00223 U	NA	<0.00223 U	NA	<0.00235 U	NA	<0.00249 U	NA	<0.00212 U	NA	<0.0023 U	NA	<0.00249 U		
Erdin Ketone	53454-70-5	NS	NS	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00179 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U		
Gamma BHC (Lindane)	58-89-9	0.1	1.3	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000699 U	NA	<0.000744 U	NA	<0.000792 U	NA	<0.000792 U	NA	<0.000892 U	NA	<0.000792 U	NA	<0.000792 U	NA	<0.000892 U		
Gamma Chlordane (Trans)	51037-7-2	NS	NS	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.0021 U	NA	<0.00223 U	NA	<0.00223 U	NA	<0.00235 U	NA	<0.00249 U	NA	0.000579 JP	NA	<0.00249 U	NA	<0.00249 U		
Hepachlor	76-44-9	0.042	2.1	mg/kg	NA	<0.00107 U	NA	<0.000699 U	NA	<0.000699 U	NA	<0.000699 U	NA	<0.000699 U	NA	<0.000699 U	NA	<0.000699 U	NA	<0.000699 U	NA	<0.000699 U	NA	<0.000699 U		
Hepachlor Epoxide	10245-7-3	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00314 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U		
Mephachlor	72-43-5	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00314 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U		
Toxaphene	9001-35-2	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00314 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U	NA	<0.00326 U		
Polychlorinated Biphenyl																										
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
PCB-1242 (Aroclor 1242)	53689-11-9	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
PCB-1248 (Aroclor 1248)	12672-23-6	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
PCB-1260 (Aroclor 1260)	11096-65-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Total PCBs	1356-35-3	0.1	1	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Metals																										
Aluminum	7429-90-5	NS	NS	mg/kg	7,780	11,500	14,800	3,820	7,900	3,740	6,810	4,580	18,200	5,800	14,200	5,870	5,160	6,300	4,200	6,700	7,380	6,250	6,940	9,700		
Antimony	7440-36-0	NS	NS	mg/kg	<1.5 U	0.593 J	<1.5 U	0.877 J	2.75 J	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	0.772 J	0.389 J	0.976 J	<1.5 U			
Arsenic	7440-38-2	13	16	mg/kg	5.64	8.81	3.48	2.51	4.1	2.88 J	4.15	2.04	4.51	2.49	1.57	1.79	3.69	3.72 J	3.18	6.33	5.49	5.44	4.82	4.5		
Barium	7440-39-3	350	400	mg/kg	73.3	172	102	16.8	44.3	51.3	70.8	106	80.9	150	68.1	105	81.6	106	25.4	110	70.2	120	105	54.2		
Beryllium	7440-41-7	7.2	72	mg/kg	0.39 J	0.589	0.601	0.196 J	0.331 J	<0.13 U	0.364 J	0.206 J	0.824	0.266 J	0.53	0.228 J	0.325 J	0.292 J	0.253 J	0.411 J	0.372 J	0.287 J	0.26 J	0.318 J		
Cadmium	7440-43-9	2.5	4.3	mg/kg	<0.887 U	0.144 J	<0.887 U	<0.887 U	<0.73 U	<0.3 U	<0.887 U	<0.887 U	0.126 J	<0.887 U	0.123 J	<0.887 U	<0.887 U	<0.887 U	<0.887 U	<0.887 U	<0.887 U	<0.887 U	<0.887 U			
Calcium	7440-70-2	NS	NS	mg/kg	68,900	20,100	5,210	43,800	94,900	189,000	139,000	47,000	63,400	4,010	63,400	3,920	54,600	160,000	121,000	139,000	115,000	46,300	59,400	110,000		
Chromium, Hexavalent	18540-29-9	1	110	mg/kg	<0.891 U	<1.1 U	<0.92 U	<0.891 U	<0.886 U	<0.872 U	<0.874 U	<0.868 U	0.238 J	<0.874 U	<0.874 U	<0.868 U	<0.868 U	<0.868 U	<0.868 U	<0.868 U	<0.868 U	<0.868 U	<0.868 U	0.908 J		
Chromium, Total	7440-47-3	NS	NS	mg/kg	19	18.2	20.9	6.68	17.4	7.28	14.2	7.58	27.1	9.64	21	9.13	88.1	11.8	32.7	11.2	19.7	9.76	14.4	17.2		
Chromium, Trivalent	16055-40-1	30	180	mg/kg	19	18.2	20.9	6.68	17.4	7.28	14.2	7.58	26.9 J	9.64	21	9.13	88.1	11.8	32.7	11.2	19.7	9.76	14.4	16.3 J		
Cobalt	7440-48-4	NS	NS	mg/kg	6.66	9.6	10	4.79	5	5.48	5.49	5.48	12.9	6.4	7.6	7.52	47.7	3.66	6.69	4.4	6.49	6.29	7.56	6.04		
Copper	7440-50-9	20	200	mg/kg	29.7	27.8	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8		
Iron	7439-89-6	NS	NS	mg/kg	15,500	21,200	20,700	10,800	14,100	10,100	12,800	9,800	29,000	12,200	18,600	12,400	10,400	16,100	9,700	14,200	12,900	13,700	15,600			
Lead	7439-92-1	63	400	mg/kg	91.5	96.2	14.7	4.21 J	15.9	6.65 J	9.1	4.02 J	12.2	5.66	5.19	2.97 J	8.58	21.2 J	22.7	25.8	58.2	6.94	129	7.26		
Magnesium	7439-96-6	NS	NS	mg/kg	33,300	33,300	15,800	15,800	15,800	15,800	15,800	15,800	29,000	29,000	29,000	29,										

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

Page 4 of 4

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No.: 170859701

Notes:

CAS - Chemical Abstract Service

NS - No standard

mg/kg - milligram per kilogram

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Unrestricted Use and Restricted Use Restricted-Residential Guidance Values (April 2023).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

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

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs

10 - Result exceeds Restricted Use Restricted-Residential SCOs

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location		SB01	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05
				Sample Name	SB01-1,2	SB01-4,5	SB02-1,2	SB02-6,7	SB03-1,2	SB03-6,7	SB04-0-1	SB04-8,9	SB05-1,2	SB05-7,8	
				Sample Date	09/16/2024	09/16/2024	09/19/2024	09/19/2024	09/18/2024	09/18/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	
				Sample Depth	1-2	4-5	1-2	6-7	1-2	6-7	0-1	8-9	1-2	7-8	
		Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	830-20-6	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA
1,1,1-Trichloroethane	71-55-6	0.68	100	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	mg/kg	NA	<0.00099 U	NA	<0.001 U	NA	<0.0012 U	NA	<0.001 U	NA	<0.00088 U	NA
1,1-Dichloroethane	75-34-3	0.27	26	mg/kg	NA	<0.00099 U	NA	<0.001 U	NA	<0.0012 U	NA	<0.001 U	NA	<0.00088 U	NA
1,1-Dichloroethene	75-35-4	0.33	100	mg/kg	NA	<0.00099 U	NA	<0.001 U	NA	<0.0012 U	NA	<0.001 U	NA	<0.00088 U	NA
1,1-Dichloropropene	563-58-6		NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.00058 U	NA	<0.0005 U	NA	<0.00044 U	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.0023 U	NA	<0.002 U	NA	<0.0018 U	NA
1,2,3-Trichloropropane	96-18-4	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.0023 U	NA	<0.002 U	NA	<0.0018 U	NA
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.0023 U	NA	<0.002 U	NA	<0.0018 U	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.0023 U	NA	<0.002 U	NA	<0.0018 U	NA
1,2,4-Trimethylbenzene	95-63-6	3.6	52	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.0023 U	NA	<0.002 U	NA	<0.0018 U	NA
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	mg/kg	NA	<0.003 U	NA	<0.003 U	NA	<0.0035 U	NA	<0.003 U	NA	<0.0026 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	mg/kg	NA	<0.00099 U	NA	<0.001 U	NA	<0.0012 U	NA	<0.001 U	NA	<0.00088 U	NA
1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.0023 U	NA	<0.002 U	NA	<0.0018 U	NA
1,2-Dichloroethane	107-06-2	0.02	31	mg/kg	NA	<0.00099 U	NA	<0.001 U	NA	<0.0012 U	NA	<0.001 U	NA	<0.00088 U	NA
1,2-Dichloropropane	78-87-5	NS	NS	mg/kg	NA	<0.00099 U	NA	<0.001 U	NA	<0.0012 U	NA	<0.001 U	NA	<0.00088 U	NA
1,3,5-Trimethylbenzene (Mesitylene)	106-67-8	8.4	52	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.0023 U	NA	<0.002 U	NA	<0.0018 U	NA
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.0023 U	NA	<0.002 U	NA	<0.0018 U	

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location																					
				SB01		SB01		SB02		SB02		SB03		SB03		SB04		SB04		SB05		SB05			
				Sample Name		SB01_1-2		SB01_4-5		SB02_1-2		SB02_6-7		SB03_1-2		SB03_6-7		SB04_0-1		SB04_8-9		SB05_1-2		SB05_7-8	
				Sample Date		09/16/2024		09/16/2024		09/19/2024		09/19/2024		09/18/2024		09/18/2024		09/17/2024		09/17/2024		09/17/2024		09/17/2024	
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result				
Semi-Volatile Organic Compounds																									
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U			
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U			
1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U			
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U			
1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U			
1,4-Dioxane (p-Dioxane)	123-91-1	0.1	13	mg/kg	<0.027 U	<0.033 U	<0.028 U	<0.03 U	<0.027 U	<0.027 U	<0.03 U	<0.028 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	<0.029 U			
2,4,5-Trichlorophenol	95-95-4	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U			
2,4,6-Trichlorophenol	98-06-2	NS	NS	mg/kg	<0.11 U	<0.13 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U			
2,4-Dichlorophenol	120-93-2	NS	NS	mg/kg	<0.16 U	<0.2 U	<0.17 U	<0.18 U	<0.16 U	<0.16 U	<0.18 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.17 U	<0.18 U			
2,4-Dimethylphenol	105-67-9	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
2,4-Dinitrophenol	51-28-5	NS	NS	mg/kg	<0.88 U	<1.1 U	<0.91 U	<0.98 U	<0.87 U	<0.86 U	<0.95 U	<0.9 U	<0.93 U	<0.93 U	<0.95 U	<0.9 U	<0.93 U	<0.93 U	<0.95 U	<0.9 U	<0.93 U	<0.95 U			
2,4-Dinitrotoluene	121-14-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
2,6-Dinitrotoluene	606-20-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
2-Chloronaphthalene	91-58-7	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
2-Chlorophenol	95-57-8	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
2-Methylnaphthalene	91-57-6	NS	NS	mg/kg	<0.22 U	<0.27 U	<0.23 U	<0.24 U	<0.22 U	<0.21 U	<0.24 U	<0.22 U	<0.23 U	<0.23 U	<0.24 U	<0.22 U	<0.23 U	<0.23 U	<0.24 U	<0.22 U	<0.23 U	<0.24 U			
2-Methylphenol (o-Cresol)	95-48-7	0.33	100	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
2-Nitroaniline	88-74-4	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
2-Nitrophenol	88-75-5	NS	NS	mg/kg	<0.4 U	<0.48 U	<0.41 U	<0.44 U	<0.39 U	<0.38 U	<0.43 U	<0.41 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.42 U	<0.42 U	<0.43 U	<0.41 U	<0.42 U	<0.43 U			
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	100	mg/kg	<0.26 U	<0.32 U	<0.27 U	<0.29 U	<0.26 U	<0.26 U	<0.28 U	<0.27 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.29 U			
3,3'-Dichlorobenzidine	91-94-1	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
3-Nitroaniline	99-09-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	mg/kg	<0.48 U	<0.58 U	<0.5 U	<0.53 U	<0.47 U	<0.46 U	<0.52 U	<0.49 U	<0.5 U	<0.51 U	<0.5 U	<0.51 U	<0.5 U	<0.51 U	<0.5 U	<0.51 U	<0.5 U	<0.51 U			
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
4-Chloro-3-Methylphenol	59-50-7	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
4-Chloroaniline	106-47-8	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
4-Nitroaniline	100-01-6	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
4-Nitrophenol	100-02-7	NS	NS	mg/kg	<0.26 U	<0.31 U	<0.27 U	<0.28 U	<0.26 U	<0.25 U	<0.28 U	<0.27 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.29 U			
Acenaphthene	83-32-9	20	100	mg/kg	<0.15 U	<0.18 U	<0.15 U	<0.16 U	<0.14 U	<0.14 U	<0.16 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U			
Acenaphthylene	208-96-8	100	100	mg/kg	<0.15 U	<0.18 U	<0.15 U	<0.16 U	<0.14 U	<0.14 U	<0.16 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U			
Acetophenone	98-86-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U			
Anthracene	120-12-7	100	100	mg/kg	<0.11 U	<0.13 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U			
Benzo[a]anthracene	56-55-3	1	1	mg/kg	0.13	<0.13 U	<0.11 U	<0.12 U	<0.11 U	0.043 J	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U			
Benzo[a]pyrene	50-32-8	1	1	mg/kg	0.14 J	<0.18 U	<0.15 U	<0.16 U	<0.14 U	<0.14 U	<0.16 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U			
Benzo[b]fluoranthene	205-99-2	1	1	mg/kg	0.17	<0.13 U	<0.11 U	<0.12 U	<0.11 U	0.051 J	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U			
Benzo[k]fluoranthene	191-24-2	100	100	mg/kg	0.086 J	<0.18 U	<0.15 U	<0.16 U	<0.14 U	0.027 J	<0.16 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U			
Benzo[k]fluoranthene	207-08-9	0.8	3.9	mg/kg	0.056 J	<0.13 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U			
Benzoic Acid	65-85-0	NS	NS	mg/kg	<0.59 U	<0.72 U	<0.62 U	<0.66 U	<0.59 U	<0.58 U	<0.64 U	<0.61 U	<0.63 U	<0.64 U	<0.63 U	<0.64 U	<0.63 U	<0.64 U	<0.63 U	<0.64 U	<0.63 U	<0.64 U			
Benzyl Alcohol	100-51-6	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U							

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB04	SB04	SB05	SB05
				Sample Name	SB01_1-2	SB01_4-5	SB02_1-2	SB02_6-7	SB03_1-2	SB03_6-7	SB04_0-1	SB04_8-9	SB05_1-2	SB05_7-8
				Sample Date	09/16/2024	09/16/2024	09/19/2024	09/19/2024	09/18/2024	09/18/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024
				Sample Depth	1-2	4-5	1-2	6-7	1-2	6-7	0-1	8-9	1-2	7-8
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides														
4,4'-DDD	72-54-8	0.0033	13	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
4,4'-DDE	72-55-9	0.0033	8.9	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
4,4'-DDT	50-29-3	0.0033	7.9	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
Aldrin	309-00-2	0.005	0.097	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.48	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000699 U	NA	<0.000744 U	NA	<0.000782 U
Alpha Chlordane	5103-71-9	0.094	4.2	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.0021 U	NA	<0.00223 U	NA	<0.00235 U
Alpha Endosulfan	959-98-8	2.4	24	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
Beta Endosulfan	33213-65-9	2.4	24	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	mg/kg	NA	<0.0178 U	NA	<0.016 U	NA	<0.014 U	NA	<0.0149 U	NA	<0.0156 U
Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04	100	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
Dieldrin	60-57-1	0.005	0.2	mg/kg	NA	<0.00134 U	NA	<0.0012 U	NA	<0.00105 U	NA	<0.00112 U	NA	<0.00117 U
Endosulfan Sulfate	1031-07-8	2.4	24	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000699 U	NA	<0.000744 U	NA	<0.000782 U
Endrin	72-20-8	0.014	11	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000699 U	NA	<0.000744 U	NA	<0.000782 U
Endrin Aldehyde	7421-93-4	NS	NS	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.0021 U	NA	<0.00223 U	NA	<0.00235 U
Endrin Ketone	53494-70-5	NS	NS	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00168 U	NA	<0.00178 U	NA	<0.00188 U
Gamma BHC (Lindane)	58-89-9	0.1	1.3	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000699 U	NA	<0.000744 U	NA	<0.000782 U
Gamma Chlordane (Trans)	5103-74-2	NS	NS	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.0021 U	NA	<0.00223 U	NA	<0.00235 U
Heptachlor	76-44-8	0.042	2.1	mg/kg	NA	<0.00107 U	NA	<0.000959 U	NA	<0.000839 U	NA	<0.000892 U	NA	<0.000939 U
Heptachlor Epoxide	1024-57-3	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00314 U	NA	<0.00335 U	NA	<0.00352 U
Methoxychlor	72-43-5	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00314 U	NA	<0.00335 U	NA	<0.00352 U
Toxaphene	8001-35-2	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00314 U	NA	<0.00335 U	NA	<0.00352 U
Polychlorinated Biphenyl														
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	0.1	1	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA
Metals														
Aluminum	7429-90-5	NS	NS	mg/kg	7,780	11,500	14,800	3,820	7,900	3,740	6,810	4,580	18,200	5,800
Antimony	7440-38-0	NS	NS	mg/kg	<4.34 U	0.509 J	<4.34 U	<4.56 U	0.677 J	2.75 J	<4.56 U	<4.42 U	<4.58 U	<4.72 U
Arsenic	7440-38-2	13	16	mg/kg	5.64	8.81	3.46	2.51	4.1	2.98 J	4.15	2.04	4.51	2.49
Barium	7440-39-3	350	400	mg/kg	73.3	172	102	16.8	44.3	51.3	70.8	106	80.9	150
Beryllium	7440-41-7	7.2	72	mg/kg	0.39 J	0.589	0.601	0.196 J	0.331 J	<2.15 U	0.364 J	0.208 J	0.824	0.266 J
Cadmium	7440-43-9	2.5	4.3	mg/kg	<0.867 U	0.144 J	<0.868 U	<0.932 U	<1.73 U	<4.3 U	<0.937 U	<0.885 U	0.126 J	<0.945 U
Calcium	7440-70-2	NS	NS	mg/kg	68,900	20,100	5,210	43,800	94,900	189,000	139,000	47,000	4,010	63,400
Chromium, Hexavalent	18540-29-9	1	110	mg/kg	<0.891 U	<1.1 U	<0.92 U	<0.981 U	<0.895 U	<0.872 U	<0.974 U	<0.926 U	0.238 J	<0.964 U
Chromium, Total	7440-47-3	NS	NS	mg/kg	19	18.2	20.9	6.68	17.4	7.28	14.2	7.58	27.1	9.64
Chromium, Trivalent	16065-83-1	30	180	mg/kg	19	18.2	20.9	6.68	17.4	7.28	14.2	7.58	26.9 J	9.64
Cobalt	7440-48-4	NS	NS	mg/kg	6.66	9.6	10	4.79	5.9	5.46 J	5.49	4.35	12.9	6.76
Copper	7440-50-8	50	270	mg/kg	29.7	72.6	12.3	12.9	16.7	18.2	20.8	12.4	26	12.6
Iron	7439-89-6	NS	NS	mg/kg	15,500	21,300	20,700	10,800	15,100	10,100	12,800	9,820	29,000	12,200
Lead	7439-92-1	63	400	mg/kg	91.5	502	14.7	4.21 J	15.9	6.65 J	39.1	4.02 J	12.2	5.66
Magnesium	7439-95-4	NS	NS	mg/kg	26,300	9,330	5,690	13,100	45,600	59,900	15,900	18,200	7,320	21,600
Manganese	7439-96-5	1600	2000	mg/kg	330	483	165	210	294	476	348	206	516	469
Mercury	7439-97-6	0.18	0.81	mg/kg	0.145	1.84	<0.078 U	<0.081 U	0.096	<0.079 U	0.163	<0.073 U	<0.075 U	<0.077 U
Nickel	7440-02-0	30	310	mg/kg	17.4	23.8	26.6	10.6	15.8	11.5	14	11.6	36	14.7
Potassium	7440-09-7	NS	NS	mg/kg	703	892	795	225 J	926	433 J	735	404	1,380	342
Selenium	7782-49-2	3.9	180	mg/kg	0.828 J	1.07 J	<1.74 U	<1.86 U	0.548 J	<8.59 U	<1.87 U	<1.77 U	<1.82 U	<1.89 U
Silver	7440-22-4	2	180	mg/kg	0.473	14.8	<0.434 U	<0.466 U	<0.866 U	<2.15 U	<0.468 U	<0.442 U	<0.456 U	<0.472 U
Sodium	7440-23-5	NS	NS	mg/kg	82.1 J	45.3 J	567	157 J	143 J	179 J	117 J	68 J	65.2 J	81.2 J
Thallium	7440-28-0	NS	NS	mg/kg	<1.73 U	0.359 J	<1.74 U	<1.86 U	<3.46 U	<8.59 U	<1.87 U	<1.77 U	<1.82 U	<1.89 U
Vanadium	7440-62-2	NS	NS	mg/kg	24.6	20.6	21.5	9.19	15.7	8.42	20.8	9.24	29.9	11
Zinc	7440-66-6	109	10000	mg/kg	58.3	162	70.4	20.6	29.8	19.7 J	114	22.4	67.9	25.4
General Chemistry														
Total Suspended Solids	TSS	NS	NS	Percent	89.8	72.8	86.9	80.7	89.4	91.7	82.1	86.2	84.2	83

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	SB06	SB06	SB07	SB07	SB08	SB08	SB09	SB09	SB10	SB10
		SB06_1-2	SB06_5-6	SB07_1-2	SB07_7-8	SB08_1-2	SB08_8-9	SB09_1-2	SB09_7-8	SB10_1-2	SB10_8-9
		09/18/2024	09/18/2024	09/19/2024	09/19/2024	09/19/2024	09/19/2024	09/16/2024	09/16/2024	09/18/2024	09/18/2024
		1-2	5-6	1-2	7-8	1-2	8-9	1-2	7-8	1-2	8-9
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
1,1,1-Trichloroethane	71-55-6	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
1,1,2,2-Tetrachloroethane	79-34-5	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
1,1,2-Trichloroethane	79-00-5	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
1,1-Dichloroethane	75-34-3	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
1,1-Dichloroethene	75-35-4	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
1,1-Dichloropropene	563-58-6	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
1,2,3-Trichlorobenzene	87-61-6	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,2,3-Trichloropropene	96-18-4	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,2,4,5-Tetramethylbenzene	95-93-2	NA	<0.002 U	NA	0.76	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,2,4-Trichlorobenzene	120-82-1	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,2,4-Trimethylbenzene	95-63-6	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,2-Dibromo-3-Chloropropane	96-12-8	NA	<0.003 U	NA	<0.2 U	NA	<0.0028 U	NA	<0.0032 U	NA	<0.0029 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
1,2-Dichlorobenzene	95-50-1	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,2-Dichloroethane	107-06-2	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
1,2-Dichloropropane	78-87-5	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,3-Dichlorobenzene	541-73-1	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,3-Dichloropropane	142-28-9	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,4-Dichlorobenzene	106-46-7	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,4-Diethyl Benzene	105-05-5	NA	<0.002 U	NA	0.069 J	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
1,4-Dioxane (P-Dioxane)	123-91-1	NA	<0.08 U	NA	<5.3 U	NA	<0.074 U	NA	<0.084 U	NA	<0.077 U
2,2-Dichloropropane	594-20-7	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
2-Chlorotoluene	95-49-8	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
2-Hexanone (MBK)	591-78-6	NA	<0.01 U	NA	<0.66 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U
4-Chlorotoluene	106-43-4	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
4-Ethyltoluene	622-96-8	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Acetone	67-64-1	NA	<0.01 U	NA	<0.66 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U
Acrylonitrile	107-13-1	NA	<0.004 U	NA	<0.26 U	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U
Benzene	71-43-2	NA	<0.0005 U	NA	<0.033 U	NA	0.00069	NA	<0.00053 U	NA	<0.00048 U
Bromobenzene	108-86-1	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Bromochloromethane	74-97-5	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Bromodichloromethane	75-27-4	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
Bromoform	75-25-2	NA	<0.004 U	NA	<0.26 U	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U
Bromomethane	74-83-9	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Carbon Disulfide	75-15-0	NA	<0.01 U	NA	<0.66 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U
Carbon Tetrachloride	56-23-5	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Chlorobenzene	108-90-7	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
Chloroethane	75-00-3	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Chloroform	67-66-3	NA	<0.0015 U	NA	<0.099 U	NA	<0.0014 U	NA	<0.0016 U	NA	<0.0014 U
Chloromethane	74-87-3	NA	<0.004 U	NA	<0.26 U	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U
Cis-1,2-Dichloroethene	156-59-2	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Cis-1,3-Dichloropropene	10061-01-5	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
Cymene	99-87-6	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Dibromochloromethane	124-48-1	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Dibromomethane	74-95-3	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Dichlorodifluoromethane	75-71-8	NA	<0.01 U	NA	<0.66 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U
Diethyl Ether (Ethyl Ether)	60-29-7	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Ethylbenzene	100-41-4	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Hexachlorobutadiene	87-69-3	NA	<0.004 U	NA	<0.26 U	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U
Isopropylbenzene (Cumene)	98-82-8	NA	<0.001 U	NA	0.024 J	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
M,P-Xylene	179601-23-1	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	<0.01 U	NA	<0.66 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	<0.01 U	NA	<0.66 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U
Methylene Chloride	75-09-2	NA	<0.005 U	NA	<0.33 U	NA	<0.0046 U	NA	<0.0053 U	NA	<0.0048 U
Naphthalene	91-20-3	NA	<0.004 U	NA	0.14 J	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U
n-Butylbenzene	104-51-8	NA	<0.001 U	NA	0.035 J	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
n-Propylbenzene	103-65-1	NA	<0.001 U	NA	0.015 J	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Sec-Butylbenzene	135-98-8	NA	<0.001 U	NA	0.13	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Styrene	100-42-5	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
T-Butylbenzene	98-06-6	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Tert-Butyl Methyl Ether	1634-04-4	NA	<0.002 U	NA	<0.13 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U
Tetrachloroethene (PCE)	127-18-4	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
Toluene	108-88-3	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NA	<0.001 U	NA	<0.011 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Total Xylenes	1330-20-7	NA	<0.001 U	NA	<0.011 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NA	<0.0005 U	NA	<0.00056 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
Trans-1,2-Dichloroethene	156-60-5	NA	<0.0015 U	NA	<0.099 U	NA	<0.0014 U	NA	<0.0016 U	NA	<0.0014 U
Trans-1,3-Dichloropropene	10061-02-6	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NA	<0.005 U	NA	<0.33 U	NA	<0.0046 U	NA	<0.0053 U	NA	<0.0048 U
Trichloroethene (TCE)	79-01-6	NA	<0.0005 U	NA	<0.033 U	NA	<0.00046 U	NA	<0.00053 U	NA	<0.00048 U
Trichlorofluoromethane	75-69-4	NA	<0.004 U	NA	<0.26 U	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U
Vinyl Acetate	108-05-4	NA	<0.01 U	NA	<0.66 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U
Vinyl Chloride	75-01-4	NA	<0.001 U	NA	<0.066 U	NA	<0.00092 U	NA	<0.001 U	NA	<0.00096 U

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	SB06	SB06	SB07	SB07	SB08	SB08	SB09	SB09	SB10	SB10
		SB06_1-2	SB06_5-6	SB07_1-2	SB07_7-8	SB08_1-2	SB08_8-9	SB09_1-2	SB09_7-8	SB10_1-2	SB10_8-9
		09/18/2024	09/19/2024	09/19/2024	09/19/2024	09/19/2024	09/19/2024	09/16/2024	09/16/2024	09/18/2024	09/18/2024
		1-2	5-6	1-2	7-8	1-2	8-9	1-2	7-8	1-2	8-9
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds											
1,2,4,5-Tetrachlorobenzene	95-94-3	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
1,2,4-Trichlorobenzene	120-82-1	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
1,2-Dichlorobenzene	95-50-1	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
1,3-Dichlorobenzene	541-73-1	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
1,4-Dichlorobenzene	106-46-7	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
1,4-Dioxane (P-Dioxane)	123-91-1	<0.027 U	<0.03 U	<0.026 U	<0.032 U	<0.026 U	<0.027 U	<0.026 U	<0.03 U	<0.026 U	<0.032 U
2,4,5-Trichlorophenol	95-95-4	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
2,4,6-Trichlorophenol	88-06-2	<0.11 U	<0.12 U	<0.1 U	<0.13 U	<0.1 U	<0.11 U	<0.12 U	<0.12 U	<0.1 U	<0.13 U
2,4-Dichlorophenol	120-83-2	<0.16 U	<0.18 U	<0.15 U	<0.19 U	<0.16 U	<0.17 U	<0.18 U	<0.2 U	<0.16 U	<0.19 U
2,4-Dimethylphenol	105-67-9	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
2,4-Dinitrophenol	51-28-5	<0.86 U	<0.96 U	<0.84 U	<1 U	<0.82 U	<0.86 U	<0.89 U	<0.95 U	<0.84 U	<1 U
2,4-Dinitrotoluene	121-14-2	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
2,6-Dinitrotoluene	606-20-2	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
2-Chloronaphthalene	91-58-7	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
2-Chlorophenol	95-57-8	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
2-Methylnaphthalene	91-57-6	<0.21 U	<0.24 U	<0.21 U	<0.26 U	<0.21 U	0.077 J	0.4	<0.24 U	<0.21 U	<0.25 U
2-Methylphenol (o-Cresol)	95-48-7	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
2-Nitroaniline	88-74-4	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
2-Nitrophenol	88-75-5	<0.39 U	<0.43 U	<0.38 U	<0.46 U	<0.37 U	<0.39 U	<0.4 U	<0.43 U	<0.38 U	<0.46 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	<0.26 U	<0.29 U	<0.25 U	<0.31 U	<0.25 U	<0.26 U	0.04 J	<0.28 U	<0.25 U	<0.3 U
3,3'-Dichlorobenzidine	91-94-1	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
3-Nitroaniline	99-09-2	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
4,6-Dinitro-2-Methylphenol	534-52-1	<0.46 U	<0.52 U	<0.45 U	<0.56 U	<0.45 U	<0.47 U	<0.48 U	<0.51 U	<0.46 U	<0.55 U
4-Bromophenyl Phenyl Ether	101-55-3	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
4-Chloro-3-Methylphenol	59-50-7	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
4-Chloroaniline	106-47-8	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
4-Chlorophenyl Phenyl Ether	7005-72-3	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
4-Nitroaniline	100-01-6	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
4-Nitrophenol	100-02-7	<0.25 U	<0.28 U	<0.24 U	<0.3 U	<0.24 U	<0.25 U	<0.26 U	<0.28 U	<0.25 U	<0.3 U
Acenaphthene	83-32-9	<0.14 U	<0.16 U	<0.14 U	<0.17 U	<0.14 U	0.54	0.81	<0.16 U	0.019 J	<0.17 U
Acenaphthylene	208-96-8	<0.14 U	<0.16 U	<0.14 U	<0.17 U	<0.14 U	0.51	0.43	<0.16 U	0.056 J	<0.17 U
Acetophenone	98-86-2	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
Anthracene	120-12-7	<0.11 U	<0.12 U	<0.1 U	0.045 J	<0.1 U	1.8	2.1	<0.12 U	0.072 J	<0.13 U
Benzofluoranthene	56-55-3	<0.11 U	<0.12 U	0.064 J	0.057 J	0.082 J	2.2	3.5	<0.12 U	0.042 J	<0.13 U
Benzol[a]pyrene	50-32-8	<0.14 U	<0.16 U	0.062 J	<0.17 U	0.092 J	1.6	3.2	<0.16 U	0.22	<0.17 U
Benzol[b]fluoranthene	205-99-2	<0.11 U	<0.12 U	0.08 J	0.04 J	0.12	1.6	4	<0.12 U	0.29	0.049 J
Benzol[g,h,i]Perylene	191-24-2	<0.14 U	<0.16 U	0.049 J	0.036 J	0.055 J	0.78	2	<0.16 U	0.15	0.028 J
Benzol[k]fluoranthene	207-08-9	<0.11 U	<0.12 U	<0.1 U	<0.13 U	0.034 J	0.44	1.2	<0.12 U	0.1	<0.13 U
Benzoic Acid	65-85-0	<0.58 U	<0.65 U	<0.56 U	<0.7 U	<0.56 U	<0.58 U	<0.6 U	<0.64 U	<0.57 U	<0.68 U
Benzyl Alcohol	100-51-6	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
Benzyl Butyl Phthalate	85-68-7	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
Biphenyl (Diphenyl)	92-52-4	<0.41 U	<0.46 U	<0.4 U	<0.49 U	<0.39 U	<0.41 U	<0.45 U	<0.4 U	<0.48 U	<0.49 U
Bis(2-chloroethoxy) methane	111-91-1	<0.19 U	<0.22 U	<0.19 U	<0.23 U	<0.18 U	<0.19 U	<0.2 U	<0.21 U	<0.19 U	<0.23 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	<0.16 U	<0.18 U	<0.16 U	<0.19 U	<0.15 U	<0.16 U	<0.17 U	<0.18 U	<0.16 U	<0.19 U
Bis(2-chloroisopropyl) ether	108-60-1	<0.21 U	<0.24 U	<0.21 U	<0.26 U	<0.21 U	<0.22 U	<0.22 U	<0.24 U	<0.21 U	<0.25 U
Bis(2-ethylhexyl) phthalate	117-81-7	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	0.079 J	<0.21 U
Carbazole	86-74-8	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	0.068 J	1.1	<0.2 U	0.031 J	<0.21 U
Chrysene	218-01-9	<0.11 U	<0.12 U	0.069 J	0.083 J	0.076 J	2	3.3	<0.12 U	0.24	0.04 J
Dibenz[a,h]anthracene	53-70-3	<0.11 U	<0.12 U	<0.1 U	<0.13 U	<0.1 U	0.2	0.45	<0.12 U	0.039 J	<0.13 U
Dibenzofuran	132-64-9	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	0.3	0.84	<0.2 U	0.017 J	<0.21 U
Diethyl phthalate	84-74-2	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
Diethyl phthalate	84-66-2	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
Dimethyl phthalate	131-11-3	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
Diethyl phthalate	117-84-0	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
Fluoranthene	206-44-0	<0.11 U	<0.12 U	0.11	0.066 J	0.14	5.6	9.4	<0.12 U	0.52	0.076 J
Fluorene	86-73-7	<0.18 U	<0.2 U	<0.17 U	0.037 J	<0.17 U	0.85	1.3	<0.2 U	0.025 J	<0.21 U
Hexachlorobenzene	118-74-1	<0.11 U	<0.12 U	<0.1 U	<0.13 U	<0.1 U	<0.11 U	<0.11 U	<0.12 U	<0.1 U	<0.13 U
Hexachlorobutadiene	87-68-3	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
Hexachlorocyclopentadiene	77-47-4	<0.51 U	<0.57 U	<0.5 U	<0.62 U	<0.49 U	<0.51 U	<0.53 U	<0.56 U	<0.5 U	<0.6 U
Hexachloroethane	67-72-1	<0.14 U	<0.16 U	<0.14 U	<0.17 U	<0.14 U	<0.14 U	<0.15 U	<0.16 U	<0.14 U	<0.17 U
Indeno[1,2,3-cd]pyrene	193-39-5	<0.14 U	<0.16 U	0.041 J	<0.17 U	0.057 J	0.74	2	<0.16 U	0.15	<0.17 U
Isophorone	78-59-1	<0.16 U	<0.18 U	<0.16 U	<0.19 U	<0.15 U	<0.16 U	<0.17 U	<0.18 U	<0.16 U	<0.19 U
Naphthalene	91-20-3	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	0.11 J	1.4	<0.2 U	0.022 J	<0.21 U
Nitrobenzene	98-95-3	<0.16 U	<0.18 U	<0.16 U	<0.19 U	<0.15 U	<0.16 U	<0.17 U	<0.18 U	<0.16 U	<0.19 U
n-Nitrosodi-N-Propylamine	621-64-7	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U
n-Nitrosodiphenylamine	86-30-6	<0.14 U	<0.16 U	<0.14 U	<0.17 U	<0.14 U	<0.14 U	<0.15 U	<0.16 U	<0.14 U	<0.17 U
Pentachlorophenol	87-86-5	<0.14 U	<0.16 U	<0.14 U	<0.17 U	<0.14 U	<0.14 U	<0.15 U	<0.16 U	<0.14 U	<0.17 U
Phenanthrene	85-01-8	<0.11 U	<0.12 U	0.041 J	0.042 J	0.079 J	4.3	10	<0.12 U	0.26	0.042 J
Phenol	108-95-2	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	0.035 J	<0.2 U	<0.18 U	<0.21 U
Pyrene	129-00-0	<0.11 U	<0.12 U	0.092 J	0.098 J	0.12	5.4	6	<0.12 U	0.43	0.068 J

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	SB06	SB06	SB07	SB07	SB08	SB08	SB09	SB09	SB10	SB10
		SB06_1-2	SB06_5-6	SB07_1-2	SB07_7-8	SB08_1-2	SB08_8-9	SB09_1-2	SB09_7-8	SB10_1-2	SB10_8-9
		09/18/2024	09/18/2024	09/19/2024	09/19/2024	09/19/2024	09/19/2024	09/16/2024	09/16/2024	09/18/2024	09/18/2024
		1-2	5-6	1-2	7-8	1-2	8-9	1-2	7-8	1-2	8-9
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides											
4,4'-DDD	72-54-8	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U
4,4'-DDE	72-55-9	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	0.000692 J
4,4'-DDT	50-29-3	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U
Aldrin	309-00-2	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	<0.000785 U	NA	<0.00083 U	NA	<0.000708 U	NA	<0.000767 U	NA	<0.00083 U
Alpha Chlordane	5103-71-9	NA	<0.00235 U	NA	<0.00249 U	NA	0.000954 J	NA	<0.0023 U	NA	<0.00249 U
Alpha Endosulfan	959-98-8	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	NA	<0.00188 U	NA	0.0016 J	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U
Beta Endosulfan	33213-85-9	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U
Chlordane (alpha and gamma)	57-74-9	NA	<0.0157 U	NA	<0.0166 U	NA	<0.0142 U	NA	<0.0153 U	NA	<0.0166 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U
Dieldrin	60-57-1	NA	<0.00118 U	NA	<0.00124 U	NA	<0.00106 U	NA	<0.00115 U	NA	<0.00124 U
Endosulfan Sulfate	1031-07-8	NA	<0.000785 U	NA	<0.00083 U	NA	<0.000708 U	NA	<0.000767 U	NA	<0.00083 U
Endrin	72-20-8	NA	<0.000785 U	NA	<0.00083 U	NA	<0.000708 U	NA	<0.000767 U	NA	<0.00083 U
Endrin Aldehyde	7421-93-4	NA	<0.00235 U	NA	<0.00249 U	NA	<0.00212 U	NA	<0.0023 U	NA	<0.00249 U
Endrin Ketone	53494-70-5	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U
Gamma Bhc (Lindane)	58-99-9	NA	<0.000785 U	NA	<0.00083 U	NA	<0.000708 U	NA	<0.000767 U	NA	<0.00083 U
Gamma Chlordane (Trans)	5103-74-2	NA	<0.00235 U	NA	<0.00249 U	NA	0.000579 JIP	NA	<0.0023 U	NA	<0.00249 U
Heptachlor	76-44-8	NA	<0.000942 U	NA	<0.000997 U	NA	<0.00095 U	NA	<0.000921 U	NA	<0.000996 U
Heptachlor Epoxide	1024-57-3	NA	<0.00353 U	NA	<0.00374 U	NA	<0.00319 U	NA	<0.00345 U	NA	<0.00374 U
Methoxychlor	72-43-5	NA	<0.00353 U	NA	<0.00374 U	NA	<0.00319 U	NA	<0.00345 U	NA	<0.00374 U
Toxaphene	8001-35-2	NA	<0.00353 U	NA	<0.00374 U	NA	<0.00319 U	NA	<0.00345 U	NA	<0.00374 U
Polychlorinated Biphenyl											
PCB-1016 (Aroclor 1016)	12674-11-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals											
Aluminum	7429-90-5	14,200	5,870	5,160	6,300	4,200	6,700	7,360	6,250	6,940	9,700
Antimony	7440-36-0	<4.36 U	<4.75 U	<8.18 U	<25.7 U	<8.26 U	<8.17 U	0.772 J	0.399 J	0.976 J	<9.66 U
Arsenic	7440-38-2	1.57	1.79	3.69	3.72 J	3.18	6.33	5.49	5.44	4.82	4.5
Barium	7440-39-3	69.1	135	81.6	106	25.4	110	70.2	120	109	54.2
Beryllium	7440-41-7	0.53	0.228 J	0.325 J	0.292 J	0.253 J	0.411 J	0.372 J	0.287 J	0.26 J	0.318 J
Cadmium	7440-43-9	0.123 J	<0.95 U	<1.64 U	<5.15 U	<1.65 U	<1.63 U	<0.883 U	<0.932 U	<1.67 U	<1.93 U
Calcium	7440-70-2	3,920	54,600	160,000	121,000	139,000	115,000	46,300	59,400	90,600	110,000
Chromium, Hexavalent	18540-29-9	<0.679 U	<0.973 U	<0.885 U	<1.05 U	<0.835 U	<0.872 U	<0.909 U	<0.964 U	<0.886 U	0.908 J
Chromium, Total	7440-47-3	21	9.13	88.1	11.8	32.7	11.2	19.7	9.76	14.4	17.2
Chromium, Trivalent	16065-83-1	21	9.13	88.1	11.8	32.7	11.2	19.7	9.76	14.4	16.3 J
Cobalt	7440-48-4	7.52	4.77	3.56	6.69 J	4.4	6.49	6.29	7.56	6.04	7.48
Copper	7440-50-8	14.5	14	7.66	24.5	11.9	23.9	23.2	15	33	24.3
Iron	7439-89-6	18,600	12,400	10,400	16,100	9,700	14,200	14,700	12,900	13,700	19,500
Lead	7439-92-1	5.19	2.97 J	8.58	21.2 J	22.8	25.8	58.2	6.94	129	7.26 J
Magnesium	7439-95-4	5,790	18,900	27,200	59,000	22,100	38,100	12,900	23,000	28,000	57,900
Manganese	7439-96-5	149	254	221	338	216	378	300	317	342	544
Mercury	7439-97-6	<0.071 U	<0.08 U	<0.071 U	<0.095 U	<0.077 U	<0.075 U	0.179	<0.076 U	<0.07 U	<0.092 U
Nickel	7440-02-0	22.5	12.2	14.3	16.8	13	15.7	16	15.8	15	20.1
Potassium	7440-09-7	868	342	592	639 J	452	1,100	615	572	683	1,080
Selenium	7782-49-2	<1.74 U	0.251 J	<3.27 U	<10.3 U	<3.9 U	<3.27 U	0.605 J	0.427 J	0.629 J	<3.87 U
Silver	7440-22-4	<0.436 U	<0.475 U	<0.818 U	<2.57 U	<0.826 U	<0.817 U	0.407 J	<0.466 U	<0.834 U	<0.966 U
Sodium	7440-23-5	38 J	79.3 J	152 J	130 J	243 J	504	45.7 J	62.1 J	108 J	199 J
Thallium	7440-28-0	<1.74 U	<1.9 U	<3.27 U	<10.3 U	<3.3 U	<3.27 U	<1.76 U	<1.86 U	<3.34 U	<3.87 U
Vanadium	7440-62-2	17.9	11	158	13.5	87.4	13.7	32.1	11.9	18.1	15
Zinc	7440-66-6	42.1	22.1	34.8	46.5	27.3	36.8	60.2	28.3	98.3	32.2
General Chemistry											
Total Suspended Solids	TSS	91	82.2	93.6	76.2	95.8	91.7	88	83	93.4	78.2

Table 2
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

Page 7 of 7

East Adams Redevelopment - Phase III Area
Syracuse, New York
Langan Project No.: 170859701

Notes:

CAS - Chemical Abstract Service

NS - No standard

mg/kg - milligram per kilogram

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Unrestricted Use and Restricted Use Restricted-Residential Guidance Values (April 2023).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

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

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs

10 - Result exceeds Restricted Use Restricted-Residential SCOs

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW03	MW04
			Sample Name	MW01_092524	MW02_092524	MW03_092524	MW04_092524
			Sample Date	09/25/2024	09/25/2024	09/25/2024	09/25/2024
			Unit	Result	Result	Result	Result
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 U	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U
Acetone	67-64-1	50	ug/l	<5 U	4.5 J	<5 U	<5 U
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<5 U
Benzene	71-43-2	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<2.5 U	0.34 J	<2.5 U	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	<1 U

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW03	MW04
			Sample Name	MW01_092524	MW02_092524	MW03_092524	MW04_092524
			Sample Date	09/25/2024	09/25/2024	09/25/2024	09/25/2024
			Unit	Result	Result	Result	Result
Semi-Volatile Organic Compounds							
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	<2 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)anthracene	56-55-3	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	0	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U	<3 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U	<2 U
Chrysene	218-01-9	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	2.8 J	<5 U	1.1 J	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5 U
Diocetyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Fluorene	86-73-7	50	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	0.1 J	<0.1 U	<0.1 U	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.8 U
Phenanthrene	85-01-8	50	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Phenol	108-95-2	1	ug/l	<5 U	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	<0.1 U	<0.1 U	<0.1 U	<0.1 U

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW03	MW04
			Sample Name	MW01_092524	MW02_092524	MW03_092524	MW04_092524
			Sample Date	09/25/2024	09/25/2024	09/25/2024	09/25/2024
			Unit	Result	Result	Result	Result
Pesticides							
4,4'-DDD	72-54-8	0.3	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
4,4'-DDE	72-55-9	0.2	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
4,4'-DDT	50-29-3	0.2	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
Aldrin	309-00-2	0	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Alpha Chlordane	5103-71-9	NS	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Alpha Endosulfan	959-98-8	NS	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Beta Endosulfan	33213-65-9	NS	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.143 U	<0.143 U	<0.143 U	<0.143 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Dieldrin	60-57-1	0.004	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
Endrin	72-20-8	0	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
Endrin Aldehyde	7421-93-4	5	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
Endrin Ketone	53494-70-5	5	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.029 U
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Heptachlor	76-44-8	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.014 U
Methoxychlor	72-43-5	35	ug/l	<0.143 U	<0.143 U	<0.143 U	<0.143 U
Toxaphene	8001-35-2	0.06	ug/l	<0.143 U	<0.143 U	<0.143 U	<0.143 U
Polychlorinated Biphenyl							
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
Total PCBs	1336-36-3	0.09	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.071 U
Metals - Dissolved							
Aluminum	7429-90-5	NS	ug/l	4.39 J	5.77 J	7.1 J	6.2 J
Antimony	7440-36-0	3	ug/l	<4 U	<4 U	1.2 J	<4 U
Arsenic	7440-38-2	25	ug/l	2.39	2.17	0.23 J	0.25 J
Barium	7440-39-3	1000	ug/l	86.63	136.8	121.5	102
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	130,000	219,000	184,000	112,000
Chromium, Total	7440-47-3	50	ug/l	<1 U	<1 U	<1 U	<1 U
Cobalt	7440-48-4	NS	ug/l	0.54	1.57	0.24 J	0.39 J
Copper	7440-50-8	200	ug/l	0.76 J	0.88 J	2.2	1.89
Iron	7439-89-6	300	ug/l	<50 U	<50 U	28.6 J	<50 U
Lead	7439-92-1	25	ug/l	<1 U	<1 U	<1 U	<1 U
Magnesium	7439-95-4	35000	ug/l	24,700	41,000	42,100	21,600
Manganese	7439-96-5	300	ug/l	413.7	911.6	116.8	188
Mercury	7439-97-6	0.7	ug/l	0.2	0.14 J	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	0.77 J	3.49	1.16 J	1.01 J
Potassium	7440-09-7	NS	ug/l	3,360	1,970	5,750	10,900
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U	2.24 J
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	20000	ug/l	37,000	336,000	20,200	9,500
Thallium	7440-28-0	0.5	ug/l	<1 U	<1 U	<1 U	<1 U
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	<10 U	<10 U	<10 U	<10 U
Metals - Total							
Aluminum	7429-90-5	NS	ug/l	6.32 J	6.99 J	15.9	38.3
Antimony	7440-36-0	3	ug/l	<4 U	<4 U	<4 U	<4 U
Arsenic	7440-38-2	25	ug/l	2.85	1.88	0.34 J	0.25 J
Barium	7440-39-3	1000	ug/l	93.54	133.9	120.4	102.2
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	133,000	221,000	188,000	114,000
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	0.27 J	0.54 J	0.32 J	0.27 J
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	ug/l	0.5	1.44	0.26 J	0.41 J
Copper	7440-50-8	200	ug/l	0.67 J	0.97 J	2.66	1.72
Iron	7439-89-6	300	ug/l	458	57.5	23 J	77.2
Lead	7439-92-1	25	ug/l	<1 U	<1 U	<1 U	<1 U
Magnesium	7439-95-4	35000	ug/l	24,200	40,100	40,800	21,300
Manganese	7439-96-5	300	ug/l	394	828.4	115	182.2
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	0.84 J	3.3	1.35 J	1.04 J
Potassium	7440-09-7	NS	ug/l	3,470	2,220	5,550	10,900
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U	2.55 J
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	20000	ug/l	38,300	322,000	19,700	9,270
Thallium	7440-28-0	0.5	ug/l	<1 U	<1 U	<1 U	<1 U
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	<10 U	<10 U	<10 U	<10 U

Table 3
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

Page 1 of 1

East Adams Redevelopment Phase III Area
Syracuse, New York
Langan Project No.: 170859701

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Analyte	CAS Number	NYSDOH Decision Matrices Minimum Concentrations	Location	AA01	SV01	SV02	SV03	SV04	SV05						
			Sample Name	AA01_091924	SV01_091924	SV02_091924	SV03_091924	SV04_091924	SV05_091924						
			Sample Date	09/19/2024	09/19/2024	09/19/2024	09/19/2024	09/19/2024	09/19/2024						
			Sample Type	AA	SV	SV	SV	SV	SV						
Unit										Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1-Trichloroethane	71-55-6	100	ug/m3	<1.09 U	6.17	37.2	13.8	18.3	14.8						
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<1.5 U	<12.6 U	<1.56 U	<6.87 U	<7 U						
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<1.68 U	<14 U	<1.74 U	<7.66 U	<7.82 U						
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<1.19 U	<9.98 U	<1.24 U	<5.46 U	<5.57 U						
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<0.886 U	<7.41 U	4.9	<4.05 U	<4.13 U						
1,1-Dichloroethene	75-35-4	6	ug/m3	<0.793 U	<0.868 U	<7.26 U	<0.9 U	<3.96 U	<4.04 U						
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<1.63 U	<13.6 U	<1.69 U	<7.42 U	<7.57 U						
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	<0.983 U	1.15	<9 U	1.26	<4.92 U	<5.01 U						
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<1.68 U	<14.1 U	<1.74 U	<7.69 U	<7.84 U						
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.2 U	<1.32 U	<11 U	<1.36 U	<6.01 U	<6.13 U						
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	6.44	<7.41 U	6.44	<4.05 U	<4.13 U						
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<1.01 U	<8.46 U	<1.05 U	<4.62 U	<4.71 U						
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<1.53 U	<12.8 U	<1.59 U	<6.99 U	<7.13 U						
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	<0.983 U	<1.08 U	<9 U	<1.12 U	<4.92 U	<5.01 U						
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	6.28	<4.05 U	3.83	3.54	<2.26 U						
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	3.92	18	8.06	17.6	12.1						
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.2 U	<1.32 U	<11 U	<1.36 U	<6.01 U	<6.13 U						
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	1.41	<6.59 U	1.08	<3.6 U	<3.68 U						
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	8.73	<8.55 U	2.2	<4.67 U	11.3						
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.82 U	3.31	8.77	4.67	<4.1 U	18.6						
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	<1.08 U	<9 U	<1.12 U	<4.92 U	<5.01 U						
Acetone	67-64-1	NS	ug/m3	11.5	1,360	943	406	359	387						
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<0.685 U	<5.73 U	<0.711 U	<3.13 U	<3.19 U						
Benzene	71-43-2	NS	ug/m3	<0.639 U	101	112	76.7	42.2	85						
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<1.13 U	<9.48 U	<1.18 U	<5.18 U	<5.28 U						
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<1.47 U	<12.3 U	<1.52 U	<6.7 U	<6.83 U						
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<0.958 U	<8 U	<0.992 U	<4.37 U	<4.46 U						
Bromoform	75-25-2	NS	ug/m3	<2.07 U	<2.26 U	<18.9 U	<2.35 U	<10.3 U	<10.5 U						
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<0.85 U	<7.11 U	<0.881 U	<3.88 U	<3.96 U						
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	51.1	23.5	12.2	8.38	31.5						
Carbon Tetrachloride	56-23-5	6	ug/m3	<1.26 U	1.55	<11.5 U	1.91	<6.29 U	<6.42 U						
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<1.01 U	<8.43 U	<1.05 U	<4.61 U	<4.7 U						
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	3.8	<4.83 U	<0.599 U	<2.64 U	<2.69 U						
Chloroform	67-66-3	NS	ug/m3	<0.977 U	1.6	<8.94 U	2.57	5.96	<4.98 U						
Chloromethane	74-87-3	NS	ug/m3	1.1	6.9	<3.78 U	2.27	2.35	<2.11 U						
Cis-1,2-Dichloroethene	156-59-2	6	ug/m3	<0.793 U	<0.868 U	<7.26 U	<0.9 U	<3.96 U	<4.04 U						
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<0.994 U	<8.31 U	<1.03 U	<4.54 U	<4.63 U						
Cyclohexane	110-82-7	NS	ug/m3	<0.688 U	11.8	100	5.27	<3.44 U	10.5						
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<1.87 U	<15.6 U	<1.93 U	<8.52 U	<8.69 U						
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.37	2.15	<9.05 U	16.1	5.24	7.27						
Ethanol	64-17-5	NS	ug/m3	<9.42 U	475	782	413	454	332						
Ethyl Acetate	141-78-6	NS	ug/m3	<1.8 U	<1.97 U	<16.5 U	<2.05 U	<9.01 U	<9.15 U						
Ethylbenzene	100-41-4	NS	ug/m3	<0.869 U	<0.951 U	<7.95 U	<0.986 U	<4.34 U	<4.43 U						
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<2.34 U	<19.5 U	<2.42 U	<10.7 U	<10.9 U						
Isopropanol	67-63-0	NS	ug/m3	3.02	2,230	1,410	1,340	2,030	855						
M,P-Xylene	179601-23-1	NS	ug/m3	<1.74 U	<1.9 U	<15.9 U	2.25	<8.69 U	<8.82 U						
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	<1.47 U	3,300	1,180	513	221	631						
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	19.6	<18.8 U	21.1	17.5	13.5						
Methylene Chloride	75-09-2	100	ug/m3	<1.74 U	2.35	<15.9 U	3.11	<8.69 U	<8.82 U						
Naphthalene	91-20-3	NS	ug/m3	<1.05 U	<1.15 U	<9.6 U	<1.19 U	<5.24 U	<5.35 U						
n-Heptane	142-82-5	NS	ug/m3	<0.82 U	8.2	116	6.93	<4.1 U	7.21						
n-Hexane	110-54-3	NS	ug/m3	0.726	45.8	352	18.3	10.1	88.5						
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	<0.869 U	<0.951 U	<7.95 U	<0.986 U	<4.34 U	<4.43 U						
Styrene	100-42-5	NS	ug/m3	<0.852 U	1.67	<7.79 U	1.64	<4.26 U	<4.34 U						
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	79.1	114	79.7	54	58.8						
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<0.721 U	<0.79 U	<6.6 U	<0.818 U	<3.61 U	<3.68 U						
Tetrachloroethene (PCE)	127-18-4	100	ug/m3	<1.36 U	<1.49 U	<12.4 U	<1.54 U	<6.78 U	<6.92 U						
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	2.04	<13.5 U	1.83	<7.37 U	<7.49 U						
Toluene	108-88-3	NS	ug/m3	1.56	24	41.1	31.3	17.3	46.4						
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<0.868 U	<7.26 U	<0.9 U	<3.96 U	<4.04 U						
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<0.994 U	<8.31 U	<1.03 U	<4.54 U	<4.63 U						
Trichloroethene (TCE)	79-01-6	6	ug/m3	<1.07 U	1.66	<9.83 U	4.34	<5.37 U	16.1						
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.28	<1.23 U	<10.3 U	1.65	<5.62 U	<5.73 U						
Vinyl Chloride	75-01-4	6	ug/m3	<0.511 U	1.32	<4.68 U	<0.58 U	<2.56 U	<2.61 U						
BTEX	BTEX	NS	ug/m3	1.56	125	153.1	110.25	59.5	131.4						
Total VOCs	TOTALVOCs	NS	ug/m3	21.556	7768.05	5237.57	3007.41	3266.47	2626.58						

Table 3
Phase II Environmental Site Investigation Report
Soil Vapor Sample Analytical Results

Page 2 of 2

East Adams Redevelopment Phase III
Syracuse, New York
Langan Project No.: 170859701

Notes:

AA - Ambient Air

SV - Soil Vapor

CAS - Chemical Abstract Service

NS - No standard

ug/m3 - microgram per cubic meter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

Ambient air sample analytical results are shown for reference only.

Qualifiers:

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - NYSDOH Decision Matrices Minimum Concentrations

APPENDIX A
PREVIOUS ENVIRONMENTAL REPORT
(included as separate document)

APPENDIX B
PHOTOGRAPH LOG

Client Name:

McCormack Baron Salazar, Inc

Site Location:

East Adams Redevelopment Phase Three
Area, Syracuse NY

Project No.

170859701

Date

09/16/2024

Photo No.

1

Direction Photo Taken:

Southeast

Description:

Photo of
decontamination pad
used to clean augers
and equipment.


Date

09/16/2024

Photo No.

2

Direction Photo Taken:

West

Description:

Photo of Nothnagle
drillers hand auguring on
location SB01



Client Name:

McCormack Baron Salazar, Inc

Site Location:

East Adams Redevelopment Phase Three
Area, Syracuse NY

Project No.

170859701

Date 09/16/2024	Photo No. 3
Direction Photo Taken: Southwest	
Description: Nothnagle uses augers to install monitoring well MW01	



Date 09/16/2024	Photo No. 4
Direction Photo Taken: N/A	
Description: Photo of Nothnagle placing sand filter around MW01.	



Client Name:

McCormack Baron Salazar, Inc

Site Location:

East Adams Redevelopment Phase Three
Area, Syracuse NY

Project No.

170859701

Date	Photo No.
09/16/2024	5
Direction Photo Taken:	
South	
Description:	
Nothnagle cleaning augers following monitoring well installation.	



Date	Photo No.
09/19/2024	6
Direction Photo Taken:	
Northwest	
Description:	
Nothnagle constructing vapor point SV04	



Client Name:

McCormack Baron Salazar, Inc

Site Location:

East Adams Redevelopment Phase Three
Area, Syracuse NY

Project No.

170859701

Date 09/18/2024	Photo No. 7

Direction Photo Taken:

North

Description:

Boring locations cleared
using GPR.



Date 09/18/2024	Photo No. 8

Direction Photo Taken:

Down

Description:

Photo example of gravel
layer encountered
throughout the site
(SB09).



Client Name:

McCormack Baron Salazar, Inc

Site Location:

East Adams Redevelopment Phase Three
Area, Syracuse NY

Project No.

170859701

Date 07/17/2024	Photo No. 9
Direction Photo Taken: Southwest	
Description: Photo example of completed monitoring well MW01	



Date 09/25/2024	Photo No. 10
Direction Photo Taken: East	
Description: Photo of drums generated during investigation. 4 groundwater and 3 soil drums total were generated.	



MW01

Sampling Log

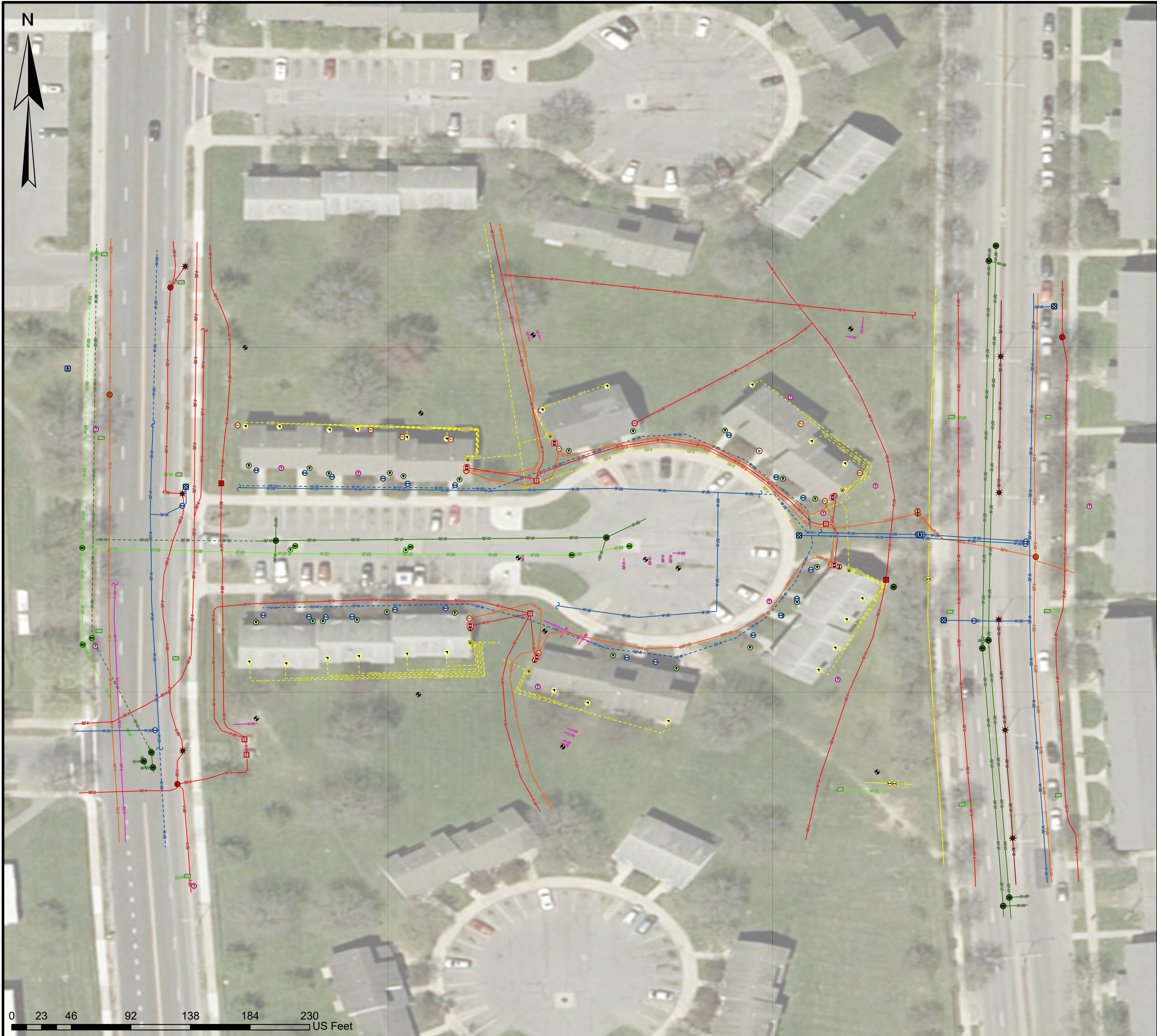
Client Name:

McCormack Baron Salazar, Inc

Site Location:East Adams Redevelopment Phase Three
Area, Syracuse NY**Project No.**

170859701

APPENDIX C
GEOPHYSICAL REPORT



SoftDig®

Underground Services, Inc.

DESIGN ACCURATELY, BUILD CONFIDENTLY

Utility Locating / Vacuum Excavation
Subsurface Utility Engineering / GPR Investigations
Video Pipe Inspection / Concrete Slab Imaging

SITE AND LOCATION

Chavez Terrace
Syracuse, NY

COLOR CODE

ELECTRIC: Electric Power Lines, Cables, Conduits,
Duct Banks, and Lighting Cables

COMM: Telephone Lines, Fiber Optic Cables, CATV
Cables, Conduits, and Duct Banks

GAS: Natural Gas, Propane, Petroleum, Oil, Steam,
Gaseous Chemical Pipes, or Flammable Material

WATER: Domestic, Fire, and Potable Pipes

SEWER/STORM: Sanitary Sewer Lines and
Drainage Systems

DOT: Traffic Signals, ITMS, Trip Wires, Control
Cables, and Conduits

UNKNOWN: Unknown Anomalies and Facilities

RECLAIMED WATER: Chilled Water, Irrigation,
and Slurry Lines

Legend

Water Fire Hydrant	Storm Drain Manhole
Water Meter	Sanitary Sewer Manhole
Water Valve	Sanitary Sewer Cleanout
Electric Transformer	Gas Service Line
Electric Meter	Gas Valve
Electric Conduit	Gas Meter
Electric Handbox	Unknown Feature
Electric Manhole	Soil Boring Location
Site Light Pole	End of QLB Information (Electric)
Communications Pedestal	End of QLB Information (Water)
Communications Conduit	End of QLB Information (Unknown)
Communications Manhole	Field Note
Storm Catch Basin	
Storm Drain Cleanout	

CLARIFICATIONS

ALL FIELD SKETCHES ARE NOT TO SCALE...

AND ARE FOR RELATIVE LOCATION PURPOSES ONLY. SOFTDIG EXERCISES ITS BEST PROFESSIONAL EXPERTISE & GEOPHYSICAL PROSPECTING TECHNIQUES TO DESIGNATE SUBSURFACE UTILITIES. SOFTDIG DOES NOT GUARANTEE THAT UTILITIES MARKED CONSTITUTE ALL UTILITIES WITHIN THE PROJECT AREA. PRIOR TO ACTUAL CONSTRUCTION, UTILITIES MUST BE SUBSURFACE LOCATED BY SOFTDIG AT POTENTIAL CONFLICT POINTS TO AVOID PERSONAL INJURY AND/OR PROPERTY DAMAGE.

QUALITY LEVEL B: INFORMATION OBTAINED BY THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND HORIZONTAL POSITION OF UTILITIES WITHIN THE PROJECT LIMITS. ALL UTILITIES SHOWN AS QL-B EXCEPT AS NOTED.

QUALITY LEVEL C: INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION. UTILITIES DESIGNATED AS QL-C ARE REPRESENTED BY DASHED LINES. THESE MAY NOT HAVE CORRESPONDING FIELD MARKS. DEPTH READINGS SHOWN ARE ESTIMATIONS ONLY. THIS INFORMATION IS NOT GUARANTEED AND IS NOT TO BE USED FOR DESIGN OR BASIS FOR CONSTRUCTION. CLIENTS RELYING ON INSTRUMENT READINGS DO SO AT THEIR OWN RISK. TRUE DEPTH IS ONLY OBTAINED BY EXPOSING THE UTILITY.

QUALITY LEVEL D: INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

PROVIDING UNDERGROUND UTILITY
MAPPING SERVICES TO THE EASTERN UNITED
STATES AND TEXAS
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APPENDIX D
SOIL BORING LOGS

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/16/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)		
	N/A	Light brown to dark brown fine to medium SAND, trace silt, trace fine subangular gravel, trace rootlets (dry) [FILL]	0					0.0	Start Drilling: 0 ft, 10:30 AM ; Precleared to 5ft depth with a 2 inch hole SB01_1-2	
			1					0.0		
			2	PD-1 A				0.0		
	N/A	Dark brown Clayey fine to medium SAND, trace fine subangular gravel, trace rootlets (dry) [FILL]	3		Macrocore DIST	0/60		0.0		SB01_4-5
			4	PD-1 B				0.0		
		5	M-2A				0.0			
		6		Macrocore	45/48		0.0			
		7	M-2B				0.0			
		8		Macrocore	44/48		0.0			
		9	M-3A				0.0			
		10		Macrocore	40/48		0.0			
		11	M-3B				0.0			
		12		Macrocore	40/48		0.0			
	N/A	Light brown Silty fine to medium SAND (wet) [SP]	13					0.0		
			14	M-4A				0.0		
			15		Macrocore	40/48		0.0		
	N/A	Light gray CLAY, trace fine to medium sand (wet) [CL]	16					0.0		
			17	M-4B				0.0		
	N/A	End of Boring at 16.0ft.	18					0.0		
			19					0.0		
			20					0.0		
			21					0.0		

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/19/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A 24 HR. ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)		
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)			
	N/A	Light gray ASPHALT, trace concrete, trace fine angular gravel (dry) [ASPHALT]	0	M-1A	Macrocore	44/48			Start Drilling: 0 ft, 12:30 PM		
			M-1B								
		1									
	N/A	Light gray GRAVEL, trace fine to medium sand (dry) [FILL] Light brown to light tan Silty SAND, trace fine subangular gravel, trace wood (dry) [FILL]	2	M-1C	Macrocore	46/48			SB02_1-2		
		3									
		4									
	N/A	Light gray to light brown Silty fine to medium SAND, trace fine subangular gravel (moist) [FILL] Brown to tan Silty fine to medium SAND, trace fine subangular gravel (wet) [FILL]	5	M-2A	Macrocore	48/48			SB02_6-7		
		6	M-2B								
		7	M-2C								
	N/A	Light brown to light gray Sandy CLAY (wet) [SC]	8		Macrocore	48/48					
		9									
		10	M-3A								
	N/A	Light brown to tan Silty fine to medium SAND (wet) [SM]	11	M-3B	Macrocore	48/48					
		12									
		13	M-4A								
	N/A	Light gray to dark gray Clayey SILT (moist) [CL]	14	M-4B	Macrocore	48/48					
		15									
		16	M-4C								
	N/A	Brown SILT, trace fine to medium sand (wet) [SP]	17		Macrocore	48/48					
		18									
		19									
	N/A	Light gray to dark gray CLAY (moist) [CL] Light gray to brown Silty fine to medium SAND (moist) [SM]	20		Macrocore	48/48					
	N/A	End of Boring at 16.0ft.			Macrocore	48/48					

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/18/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A 24 HR. ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)		
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)			
	N/A	Brown Sandy SILT, trace subangular gravel, trace rootlets (dry) [FILL]	0	M-1A	Macrocore	41/48			0.0	Start Drilling: 0 ft, 10:35 AM	
		Light brown to gray fine to medium SAND, trace silt, trace fine subangular gravel (dry) [FILL]	1						0.0		
			2						0.0		
			3						0.0		
	N/A	Light tan to gray SAND, trace silt, trace fine subangular gravel, trace rootlets (dry) [FILL]	4	M-2	Macrocore	24/48			0.0	SB03_6-7	
			5								0.0
			6								0.0
			7								0.0
	N/A	Light brown SAND, trace silt, trace fine subangular gravel (wet) [SP]	8	M-3A	Macrocore	48/48			0.0		
			9								0.0
	N/A	Light gray to dark gray CLAY (wet) [CL]	11	M-3B					0.0		
			12								0.0
	N/A	Light brown to dark brown Silty SAND (wet) [SM]	13	M-4A	Macrocore	48/48			0.0		
			14								0.0
	N/A	Light brown to light gray Clayey SILT (wet) [ML]	15	M-4B					0.0		
			16								0.0
	N/A	End of Boring at 16.0ft.	16						0.0		
			17						0.0		
			18						0.0		
			19						0.0		
			20						0.0		

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/17/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A 24 HR. ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)		
	N/A	Dark brown to light brown fine to medium SAND, trace silt, trace fine subangular gravel, trace rootlets (dry) [FILL] Gray GRAVEL, trace fine to medium sand, trace silt (dry) [FILL] Light brown to gray Silty fine to medium SAND, trace fine subangular gravel, trace rootlets (dry) [FILL]	0	M-1A	Macrocore	20/48			0.0	Start Drilling: 0 ft, 2:02 PM ; SB04_0-1
		1	M-1B	0.0						
		2	M-1C	0.0						
		3		0.0						
		4		0.0						
		5		0.0						
		6	M-2	Macrocore	41/48			0.0		
		7						0.0		
		8						0.0		
		9	M-3A	Macrocore	48/48			0.0		
		10	M-3B					0.0		
		11	M-3C					0.0		
		12		0.0						
		13	M-4A	Macrocore	48/48			0.0		
		14	M-4B					0.0		
		15						0.0		
16		0.0								
17										
18										
19										
20										

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/17/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A 24 HR. ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)	
	N/A	Brown fine to medium SAND, trace silt, trace rootlets, trace fine subrounded gravel (dry) [FILL] Light grayish dark gray fine to coarse subangular GRAVEL, trace sand (dry) [FILL] Light brown to tan Sandy SILT, trace fine subangular gravel (dry) [FILL]	0	M-1A	Macrocore	36/48			Start Drilling: 0 ft, 12:56 PM SB05_1-2
			1	M-1B					
			2	M-1C					
			3						
	N/A	Light brown to tan Sandy SILT, trace fine gravel (dry) [FILL] Light brown to dark brown fine to medium SAND, trace silt, trace fine subangular gravel [FILL]	4	M-2A	Macrocore	40/48		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	SB05_7-8
			5						
			6	M-2B					
			7						
	N/A	Brown to tan fine to medium SAND, trace silt (wet) [SP]	8		Macrocore	48/48		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
			9	M-3A					
			10						
			11	M-3B					
	N/A	Light brown to gray CLAY, trace fine to medium sand (wet) [CL]	12		Macrocore	48/48		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
			13	M-4A					
			14						
			15	M-4B					
	N/A	Tannish gray Sandy SILT (wet) [ML]	16		Macrocore	48/48		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
			17						
			18						
			19						
	N/A	Light gray CLAY, trace fine to medium sand (wet) [SP]	20		Macrocore			0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
	N/A	End of Boring at 16.0ft.			Macrocore				

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/18/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A 24 HR. ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)	
	N/A	Light brown to tan fine to medium SAND, trace silt, trace fine subangular gravel, trace rootlets (dry) [FILL]	0						Start Drilling: 0 ft, 2:00 PM SB06_1-2
		Tan Sandy SILT, trace fine subangular gravel (dry) [FILL]	1	M-1A	Macrocore	40/48			
			2						
			3	M-1B					
	N/A	Tan Sandy SILT (dry) [FILL]	4					0.0	SB06_5-6
			5	M-2A	Macrocore	44/48		0.0	
			6					0.0	
			7	M-2B				0.0	
	N/A	Light brown SILT, trace fine to medium sand (wet) [SM]	8					0.0	
			9	M-3A	Macrocore	48/48		0.0	
			10					0.0	
			11	M-3B				0.0	
	N/A	Light tan to gray CLAY (wet) [CL]	12					0.0	
			13	M-4A	Macrocore	48/48		0.0	
			14					0.0	
			15	M-4B				0.0	
	N/A	Light gray to tan Sandy SILT, trace fine subangular gravel (wet) [SM]	16					0.0	End of Boring at 16.0ft.
			17						
			18						
			19						
	N/A		20						

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/19/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A 24 HR. ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)		
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)			
	N/A	Light brown fine to medium SAND, trace silt (dry) [FILL]	0	M-1A	Macrocore	32/48			0.0	Start Drilling: 0 ft, 8:45 AM	
		Light brown to gray fine to medium SAND, trace silt, trace fine subangular gravel (dry) [FILL]	1						0.0		
			2						0.0		
			3						0.0		
	N/A	Light brown to gray fine to medium SAND, trace silt, trace fine subangular gravel (dry) [FILL]	4	M-2	Macrocore	30/48			0.0	SB07_1-2	
			5								0.0
			6								0.0
			7								118.0
	N/A	Light brown to tan fine to medium SAND, trace silt, trace fine subangular gravel (moist) [FILL]	8	M-3A	Macrocore	-38/48			0.0	SB07_7-8	
		Light brown to gray CLAY (wet) [CL]	9								0.0
			10								0.0
			11								0.0
	N/A	Light gray Silty fine to medium SAND (wet) [SM]	12	M-4A	Macrocore	48/48			0.0		
			13								0.0
			14								0.0
			15								0.0
	N/A	Light gray to dark gray CLAY (wet) [CL]	16	M-4B	Macrocore				0.0		
			17								0.0
			18								0.0
			19								0.0
	N/A	End of Boring at 16.0ft.	20						0.0		

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/19/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A 24 HR. ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)				
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)					
	N/A	Light gray to light black ASPHALT [ASPHALT]	0	M-1A	Macrocore	20/48			Start Drilling: 0 ft, 9:50 AM				
		Light gray fine to medium SAND, trace concrete, trace fine subangular gravel (dry) [FILL]	1										
	N/A	Light gray CONCRETE, trace fine subangular gravel, trace fine to medium sand (dry) [FILL]	2	M-1B									SB08_1-2
			3										
			4										
			5	M-2A	Macrocore	36/48							
6													
7	M-2B												
8													
	N/A	Light tan to light gray fine to medium SAND, some fine subangular gravel (dry) [FILL]	8	M-3A	Macrocore	48/48			SB08_8-9				
		Light gray to brown fine to medium SAND, trace silt, trace fine subangular gravel (moist) [SP]	9	M-3B									
	N/A	Dark gray CLAY, trace fine to medium sand (moist) [CL]	10										
			11	M-3C									
			12										
			13	M-4A	Macrocore	48/48							
14													
15	M-4B												
16													
	N/A	Light gray to light brown fine to medium SAND, trace clay (moist) [SP]	12										
			13										
			14										
			15										
	N/A	Light brown Clayey fine to medium SAND (wet) [CL]	13										
		14											
	N/A	End of Boring at 16.0ft.	16										
			17										
			18										
			19										
			20										

Project East Adams Redevelopment Phase III				Project No. 170859701			
Location 200 Chavez Terrace, Syracuse NY				Elevation and Datum N/A			
Drilling Company Nothnagle Drilling				Date Started 10/2/2024		Date Finished 9/16/2024	
Drilling Equipment Geoprobe 6712DT				Completion Depth 16.0 ft		Rock Depth Not Encountered	
Size and Type of Bit N/A				Number of Samples Disturbed 4		Undisturbed 0 Core 0	
Casing Diameter (in) N/A		Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A		Completion ∇ N/A 24 HR. ∇ N/A	
Casing Hammer N/A		Weight (lbs) N/A		Drop (in) N/A		Drilling Foreman Jeff Schweitzel	
Sampler Macrocore				Field Engineer Shawn Martin			
Sampler Hammer N/A		Weight (lbs) N/A		Drop (in) N/A			

Material Symbol	Elev. (ft) N/A	Sample Description	Depth Scale	Sample Data					Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penet- resist BL/6in	PID Reading (ppm)	
	N/A	Light brown to dark brown Silty fine to medium SAND, some subrounded gravel, trace concrete (dry) [FILL]	0					0.0	Start Drilling: 0 ft, 1:00 PM ; Precleared to 5ft depth with a 2 inch hole SB09_1-2
			1					0.0	
			2	PD-1 A				0.0	
	3					0.0	SB09_7-8		
	4	M-1	Macrocore DIST	12/12		0.0			
	5	PD-1 B				0.0			
	6	M-2A				0.0			
	7		Macrocore	44/48		0.0			
	8	M-2B				0.0			
	9					0.0			
	10		Macrocore	48/48		0.0			
	11	M-3A				0.0			
	12					0.0			
	13		Macrocore	48/48		0.0			
	14	M-3B				0.0			
	15					0.0			
	16		Macrocore	48/48		0.0			
	17					0.0			
	18					0.0			
	19					0.0			
	20					0.0			

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APPENDIX E
MONITORING WELL CONSTRUCTION AND GROUNDWATER
SAMPLING LOGS

MONITORING WELL CONSTRUCTION LOG

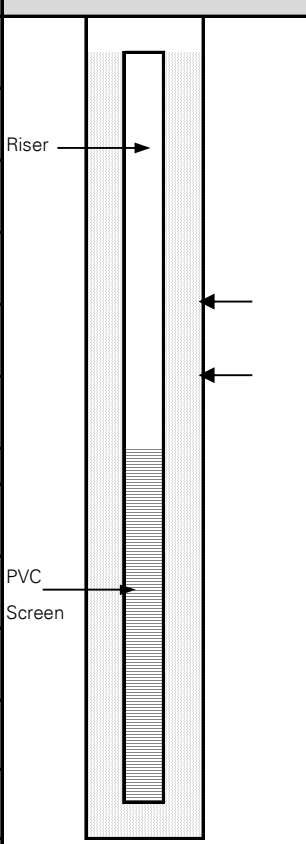
Well No. MW01

PROJECT			PROJECT NO.		
East Adams Redevelopment Phase III			170859701		
LOCATION			ELEVATION AND DATUM		
MW01					
DRILLING AGENCY			DATE STARTED		DATE FINISHED
Nothnagle Drilling, Inc.			9/16/2024		9/16/2024
DRILLING EQUIPMENT			DRILLER		
Geoprobe® 6712DT			Jeff Schweitzel		
SIZE AND TYPE OF BIT			INSPECTOR		
4-inch Auger			S. Martin		
BOREHOLE DIAMETER			TYPE OF WELL (OVERBURDEN / BEDROCK)		
4 - inches			Overburden		
RISER MATERIAL		DIAMETER	TYPE OF BACKFILL MATERIAL		
PVC		2-inch ID	No. 2 Sand		
TYPE OF SCREEN		DIAMETER	TYPE OF WELL PACK		TYPE OF SEAL MATERIAL
PVC No. 10 Slot		2-inch ID	No. 2 Sand		Bentonite
METHOD OF INSTALLATION					
Geoprobe 6712DT was used to advance 4-inch augers to approximately 15 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen, and a solid 2-inch PVC riser. Well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to surface. The annular space around the monitoring well was backfilled with No. 2 sand to 2 feet above the screen, sealed with bentonite from 3 to 1 feet bgs, and then backfilled with No.2 sand to grade surface. Wells were secured with a "J" plug and finished with a flush mounted road box and concrete pad.					
WELL DEVELOPMENT DATA					
SURGE BLOCK DIAMETER		N/A	TYPE PUMP		Whale Pump
DRILLER OR LANGAN		Driller	MAX PUMP RATE		0.17 gpm
NUMBER OF SURGE CYCLES		3	TOTAL VOLUME		7 gallons
TOP OF CASING		ELEVATION	DEPTH (ft)		
			0		
TOP OF SEAL		ELEVATION	DEPTH (ft)		
			1		
TOP OF FILTER		ELEVATION	DEPTH (ft)		
			3		
TOP OF SCREEN		ELEVATION	DEPTH (ft)		
			5.0		
BOTTOM OF BORING		ELEVATION	DEPTH (ft)		
			15		
SCREEN LENGTH			10 ft		
SLOT SIZE		No. 10 Slot; 0.010 Inches			
GROUNDWATER ELEVATIONS					
ELEVATION	DATE	DEPTH TO WATER			
	9/16/2024	9.63 ft			
ELEVATION	DATE	DEPTH TO WATER			
	9/20/2024	9.86			
ELEVATION	DATE	DEPTH TO WATER			
	9/25/2024	9.68			
ELEVATION	DATE	DEPTH TO WATER			
ELEVATION	DATE	DEPTH TO WATER			
ELEVATION	DATE	DEPTH TO WATER			
LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.					
360 West 31st Street, 8th Floor, New York					

MONITORING WELL CONSTRUCTION LOG

Well No.

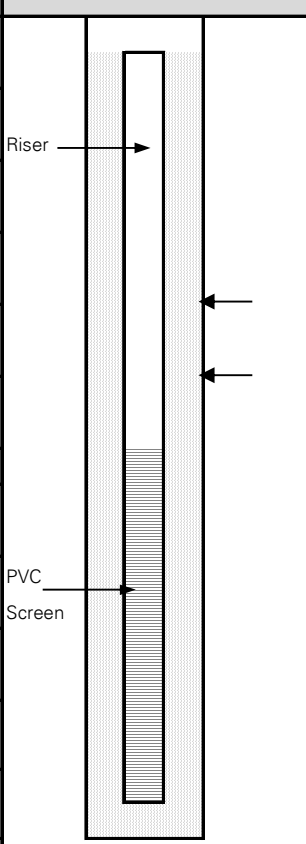
MW02

PROJECT			PROJECT NO.			
East Adams Redevelopment Phase III			170859701			
LOCATION			ELEVATION AND DATUM			
MW02						
DRILLING AGENCY			DATE STARTED	DATE FINISHED		
Nothnagle Drilling, Inc.			9/19/2024	9/19/2024		
DRILLING EQUIPMENT			DRILLER			
Geoprobe® 6712DT			Jeff Schweitzel			
SIZE AND TYPE OF BIT			INSPECTOR			
4-inch Auger			S. Martin			
BOREHOLE DIAMETER			TYPE OF WELL (OVERBURDEN / BEDROCK)			
4 - inches			Overburden			
RISER MATERIAL	DIAMETER		TYPE OF BACKFILL MATERIAL			
PVC	2-inch ID		No. 2 Sand			
TYPE OF SCREEN	DIAMETER		TYPE OF WELL PACK	TYPE OF SEAL MATERIAL		
PVC No. 10 Slot	2-inch ID		No. 2 Sand	Bentonite		
METHOD OF INSTALLATION						
Geoprobe 6712DT was used to advance 4-inch augers to approximately 15 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen, and a solid 2-inch PVC riser. Well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to surface. The annular space around the monitoring well was backfilled with No. 2 sand to 2 feet above the screen, sealed with bentonite from 3 to 1 feet bgs, and then backfilled with No.2 sand to grade surface. Wells were secured with a "J" plug and finished with a flush mounted road box and concrete pad.						
WELL DEVELOPMENT DATA						
SURGE BLOCK DIAMETER		N/A	TYPE PUMP	Whale Pump	DEVELOPMENT CONFIRMATION	
DRILLER OR LANGAN		Driller	MAX PUMP RATE	0.26 gpm		
NUMBER OF SURGE CYCLES		3	TOTAL VOLUME	8 gallons		
TOP OF CASING	ELEVATION	DEPTH (ft)			SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
		0				
TOP OF SEAL	ELEVATION	DEPTH (ft)				0
		1				
TOP OF FILTER	ELEVATION	DEPTH (ft)				
		3				
TOP OF SCREEN	ELEVATION	DEPTH (ft)				
		5.0				
BOTTOM OF BORING	ELEVATION	DEPTH (ft)				
		15				1.0
SCREEN LENGTH					3.0	
SLOT SIZE					5	
No. 10 Slot; 0.010 Inches						
GROUNDWATER ELEVATIONS						
ELEVATION	DATE	DEPTH TO WATER				
	9/19/2024	6.33 ft				
ELEVATION	DATE	DEPTH TO WATER				
	9/20/2024	6.21				
ELEVATION	DATE	DEPTH TO WATER				
	9/25/2024	6.12				
ELEVATION	DATE	DEPTH TO WATER				
ELEVATION	DATE	DEPTH TO WATER				
ELEVATION	DATE	DEPTH TO WATER				
LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.						
360 West 31st Street, 8th Floor, New York						

MONITORING WELL CONSTRUCTION LOG

Well No.

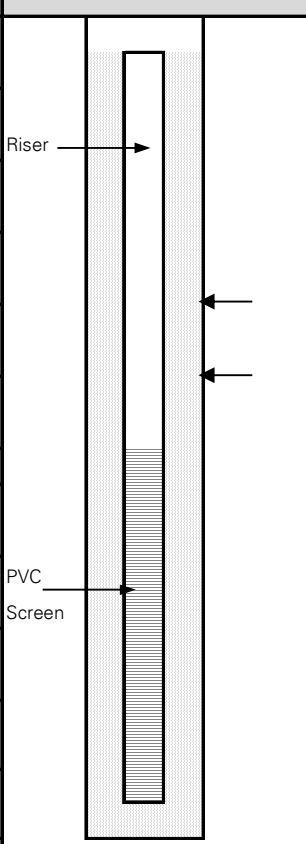
MW03

PROJECT			PROJECT NO.			
East Adams Redevelopment Phase III			170859701			
LOCATION			ELEVATION AND DATUM			
MW03						
DRILLING AGENCY			DATE STARTED	DATE FINISHED		
Nothnagle Drilling, Inc.			9/18/2024	9/18/2024		
DRILLING EQUIPMENT			DRILLER			
Geoprobe® 6712DT			Jeff Schweitzel			
SIZE AND TYPE OF BIT			INSPECTOR			
4-inch Auger			S. Martin			
BOREHOLE DIAMETER			TYPE OF WELL (OVERBURDEN / BEDROCK)			
4 - inches			Overburden			
RISER MATERIAL	DIAMETER		TYPE OF BACKFILL MATERIAL			
PVC	2-inch ID		No. 2 Sand			
TYPE OF SCREEN	DIAMETER		TYPE OF WELL PACK	TYPE OF SEAL MATERIAL		
PVC No. 10 Slot	2-inch ID		No. 2 Sand	Bentonite		
METHOD OF INSTALLATION						
Geoprobe 6712DT was used to advance 4-inch augers to approximately 15 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen, and a solid 2-inch PVC riser. Well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to surface. The annular space around the monitoring well was backfilled with No. 2 sand to 2 feet above the screen, sealed with bentonite from 3 to 1 feet bgs, and then backfilled with No.2 sand to grade surface. Wells were secured with a "J" plug and finished with a flush mounted road box and concrete pad.						
WELL DEVELOPMENT DATA						
SURGE BLOCK DIAMETER	N/A	TYPE PUMP	Whale Pump	DEVELOPMENT CONFIRMATION		
DRILLER OR LANGAN	Driller	MAX PUMP RATE	0.2 gpm	Well developed from 10:20-11:00 AM until purged groundwater was no longer turbid.		
NUMBER OF SURGE CYCLES	3	TOTAL VOLUME	8 gallons			
TOP OF CASING	ELEVATION	DEPTH (ft)			SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
		0				
TOP OF SEAL	ELEVATION	DEPTH (ft)				
		1				0
TOP OF FILTER	ELEVATION	DEPTH (ft)				
		3				
TOP OF SCREEN	ELEVATION	DEPTH (ft)				
		5.0				
BOTTOM OF BORING	ELEVATION	DEPTH (ft)				
		15				1.0
SCREEN LENGTH		10 ft			3.0	
SLOT SIZE	No. 10 Slot; 0.010 Inches				5	
GROUNDWATER ELEVATIONS						
ELEVATION	DATE	DEPTH TO WATER				
	9/18/2024	6.35 ft				
ELEVATION	DATE	DEPTH TO WATER				
	9/20/2024	6.42				
ELEVATION	DATE	DEPTH TO WATER				
	9/25/2024	6.51				
ELEVATION	DATE	DEPTH TO WATER				
ELEVATION	DATE	DEPTH TO WATER				
ELEVATION	DATE	DEPTH TO WATER				
LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.						
360 West 31st Street, 8th Floor, New York						

MONITORING WELL CONSTRUCTION LOG

Well No.

MW04

PROJECT			PROJECT NO.			
East Adams Redevelopment Phase III			170859701			
LOCATION			ELEVATION AND DATUM			
MW04						
DRILLING AGENCY			DATE STARTED	DATE FINISHED		
Nothnagle Drilling, Inc.			9/17/2024	9/17/2024		
DRILLING EQUIPMENT			DRILLER			
Geoprobe® 6712DT			Jeff Schweitzel			
SIZE AND TYPE OF BIT			INSPECTOR			
4-inch Auger			S. Martin			
BOREHOLE DIAMETER			TYPE OF WELL (OVERBURDEN / BEDROCK)			
4 - inches			Overburden			
RISER MATERIAL	DIAMETER		TYPE OF BACKFILL MATERIAL			
PVC	2-inch ID		No. 2 Sand			
TYPE OF SCREEN	DIAMETER		TYPE OF WELL PACK	TYPE OF SEAL MATERIAL		
PVC No. 10 Slot	2-inch ID		No. 2 Sand	Bentonite		
METHOD OF INSTALLATION						
Geoprobe 6712DT was used to advance 4-inch augers to approximately 15 feet bgs. A 2-inch PVC monitoring well was installed which consisted of 10 feet of 10 slot (0.010-inch) well screen, and a solid 2-inch PVC riser. Well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to surface. The annular space around the monitoring well was backfilled with No. 2 sand to 2 feet above the screen, sealed with bentonite from 3 to 1 feet bgs, and then backfilled with No.2 sand to grade surface. Wells were secured with a "J" plug and finished with a flush mounted road box and concrete pad.						
WELL DEVELOPMENT DATA						
SURGE BLOCK DIAMETER	N/A	TYPE PUMP	Whale Pump	DEVELOPMENT CONFIRMATION		
DRILLER OR LANGAN	Driller	MAX PUMP RATE	0.2 gpm	Well developed from 10:20-11:00 AM until purged groundwater was no longer turbid.		
NUMBER OF SURGE CYCLES	3	TOTAL VOLUME	8 gallons			
TOP OF CASING	ELEVATION	DEPTH (ft)			SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
		0				
TOP OF SEAL	ELEVATION	DEPTH (ft)				0
		1				
TOP OF FILTER	ELEVATION	DEPTH (ft)				
		3				
TOP OF SCREEN	ELEVATION	DEPTH (ft)				
		5.0				
BOTTOM OF BORING	ELEVATION	DEPTH (ft)				
		15				1.0
SCREEN LENGTH		10 ft		3.0		
SLOT SIZE	No. 10 Slot; 0.010 Inches			5		
GROUNDWATER ELEVATIONS						
ELEVATION	DATE	DEPTH TO WATER				
	9/17/2024	9.81 ft				
ELEVATION	DATE	DEPTH TO WATER				
	9/20/2024	9.86				
ELEVATION	DATE	DEPTH TO WATER				
	9/25/2024	8.93				
ELEVATION	DATE	DEPTH TO WATER				
ELEVATION	DATE	DEPTH TO WATER				
					15	
ELEVATION	DATE	DEPTH TO WATER				
LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.						
360 West 31st Street, 8th Floor, New York						

[illegible]

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York

APPENDIX F

SOIL VAPOR POINT CONSTRUCTION AND SAMPLING LOGS

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV01_091924

PROJECT: East Adams Redevelopment Phase III Area		PROJECT NO.: 170859701																									
LOCATION: 200 Chavez Terrace, Syracuse, NY		SURFACE ELEVATION AND DATUM: Unknown																									
DRILLING FIRM OR LANGAN INSTALLER: Nothnagle Drilling, Inc.		INSTALLATION DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024																								
INSTALLATION FOREMAN: Jeff Schweitzel		SAMPLE DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024																								
INSTALLATION EQUIPMENT: Geoprobe® 6712 DT		TYPE OF SAMPLING DEVICE: 6-Liter Summa Canister																									
INSPECTOR: S.Martin		SAMPLER: S.Martin																									
POTENTIAL SAMPLE INTERFERENCES: None		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 85° F Wind: NW Precipitation: N/A Pressure: 30.18 Hg																									
METHOD OF INSTALLATION AND PURGING: Nothnagle installed the soil vapor probe to about 7 feet bgs using a track-mounted Geoprobe® 6712 drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.																											
TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing		TYPE OF MATERIAL ABOVE SEAL: N/A																									
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None		SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite																									
BOREHOLE DIAMETER: 2.5 inch		FILTER PACK MATERIAL (Sand or Glass Beads): No. 2 Sand																									
PURGE VOLUME (L): 0.50 PURGE FLOW RATE (ML/MIN): 250 PID AFTER PURGE (PPM): 0.1 HELIUM TESTS <table border="1"> <thead> <tr> <th></th> <th>Pre-sampling</th> <th>Post-sampling</th> </tr> </thead> <tbody> <tr> <td>HELIUM TEST IN BUCKET(%):</td> <td>18.7%</td> <td>17.1%</td> </tr> <tr> <td>HELIUM TEST IN TUBE (PPM):</td> <td>0.0%</td> <td>0.0%</td> </tr> </tbody> </table> SAMPLE START TIME: 13:07 SAMPLE STOP TIME: 15:07 TOTAL SAMPLE TIME (MIN): 120 REGULATOR FLOW RATE (L/MIN): 0.04 VOLUME OF SAMPLE (LITERS): 6 L PID AFTER SAMPLE (PPM): 0 SAMPLE MOISTURE CONTENT: N/A CAN SERIAL NUMBER: 3341 REGULATOR SERIAL NUMBER: 2169 CAN START VACUUM PRESS. (" HG): -29.92 CAN STOP VACUUM PRESS. (" HG): 10.21			Pre-sampling	Post-sampling	HELIUM TEST IN BUCKET(%):	18.7%	17.1%	HELIUM TEST IN TUBE (PPM):	0.0%	0.0%	<table border="1"> <thead> <tr> <th colspan="2">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th>DEPTH (FEET FROM SURFACE)</th> <th rowspan="2">NOTES</th> </tr> <tr> <th>SURFACE</th> <th>SURFACE</th> <th></th> </tr> </thead> <tbody> <tr> <td rowspan="3"> </td> <td>Top of Seal</td> <td>0.00</td> <td rowspan="3"></td> </tr> <tr> <td>Top of Pack</td> <td>1.00</td> </tr> <tr> <td>Probe Depth</td> <td>7.00</td> </tr> </tbody> </table>		IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)		DEPTH (FEET FROM SURFACE)	NOTES	SURFACE	SURFACE			Top of Seal	0.00		Top of Pack	1.00	Probe Depth	7.00
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	Probe Depth	7.00																									
SAMPLE LOCATION SKETCH		NOTES																									
See Sample Location Plan																											

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV02_091924

PROJECT: East Adams Redevelopment Phase III Area		PROJECT NO.: 170859701																												
LOCATION: 200 Chavez Terrace, Syracuse, NY		SURFACE ELEVATION AND DATUM: Unknown																												
DRILLING FIRM OR LANGAN INSTALLER: Nothnagle Drilling, Inc.		INSTALLATION DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024																											
INSTALLATION FOREMAN: Jeff Schweitzel		SAMPLE DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024																											
INSTALLATION EQUIPMENT: Geoprobe® 6712 DT		TYPE OF SAMPLING DEVICE: 6-Liter Summa Canister																												
INSPECTOR: S.Martin		SAMPLER: S.Martin																												
POTENTIAL SAMPLE INTERFERENCES: None		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 85° F Wind: NW Precipitation: N/A Pressure: 30.18 Hg																												
METHOD OF INSTALLATION AND PURGING: Nothnagle installed the soil vapor probe to about 4 feet bgs using a track-mounted Geoprobe® 6712 drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.																														
TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing		TYPE OF MATERIAL ABOVE SEAL: N/A																												
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None		SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite																												
BOREHOLE DIAMETER: 2.5 inch		FILTER PACK MATERIAL (Sand or Glass Beads): No. 2 Sand																												
PURGE VOLUME (L): 0.50 PURGE FLOW RATE (ML/MIN): 250 PID AFTER PURGE (PPM): 0 HELIUM TESTS <table border="1"> <thead> <tr> <th></th> <th>Pre-sampling</th> <th>Post-sampling</th> </tr> </thead> <tbody> <tr> <td>HELIUM TEST IN BUCKET(%):</td> <td>18.2%</td> <td>17.5%</td> </tr> <tr> <td>HELIUM TEST IN TUBE (PPM):</td> <td>0.0%</td> <td>0.0%</td> </tr> </tbody> </table> SAMPLE START TIME: 12:58 SAMPLE STOP TIME: 14:58 TOTAL SAMPLE TIME (MIN): 120 REGULATOR FLOW RATE (L/MIN): 0.04 VOLUME OF SAMPLE (LITERS): 6 L PID AFTER SAMPLE (PPM): 0 SAMPLE MOISTURE CONTENT: N/A CAN SERIAL NUMBER: 589 REGULATOR SERIAL NUMBER: 01509 CAN START VACUUM PRESS. (" HG): -30.09 CAN STOP VACUUM PRESS. (" HG): 4.46			Pre-sampling	Post-sampling	HELIUM TEST IN BUCKET(%):	18.2%	17.5%	HELIUM TEST IN TUBE (PPM):	0.0%	0.0%	<table border="1"> <thead> <tr> <th colspan="2">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th>DEPTH (FEET FROM SURFACE)</th> <th rowspan="2">NOTES</th> </tr> </thead> <tbody> <tr> <td>SURFACE</td> <td>SURFACE</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Top of Seal</td> <td>0.00</td> <td rowspan="3"></td> </tr> <tr> <td></td> <td>Top of Pack</td> <td>1.00</td> </tr> <tr> <td></td> <td>Probe Depth</td> <td>4.00</td> </tr> </tbody> </table>		IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)		DEPTH (FEET FROM SURFACE)	NOTES	SURFACE	SURFACE				Top of Seal	0.00			Top of Pack	1.00		Probe Depth	4.00
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	Probe Depth	4.00																												
SAMPLE LOCATION SKETCH		NOTES																												
See Sample Location Plan																														

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV03_091924

PROJECT: East Adams Redevelopment Phase III Area		PROJECT NO.: 170859701																												
LOCATION: 200 Chavez Terrace, Syracuse, NY		SURFACE ELEVATION AND DATUM: Unknown																												
DRILLING FIRM OR LANGAN INSTALLER: Nothnagle Drilling, Inc.		INSTALLATION DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024																											
INSTALLATION FOREMAN: Jeff Schweitzel		SAMPLE DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024																											
INSTALLATION EQUIPMENT: Geoprobe® 6712 DT		TYPE OF SAMPLING DEVICE: 6-Liter Summa Canister																												
INSPECTOR: S.Martin		SAMPLER: S.Martin																												
POTENTIAL SAMPLE INTERFERENCES: None		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 85° F Wind: NW Precipitation: N/A Pressure: 30.18 Hg																												
METHOD OF INSTALLATION AND PURGING: Nothnagle installed the soil vapor probe to about 4.5 feet bgs using a track-mounted Geoprobe® 6712 drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.																														
TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing		TYPE OF MATERIAL ABOVE SEAL: N/A																												
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None		SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite																												
BOREHOLE DIAMETER: 2.5 inch		FILTER PACK MATERIAL (Sand or Glass Beads): No. 2 Sand																												
PURGE VOLUME (L): 0.50 PURGE FLOW RATE (ML/MIN): 250 PID AFTER PURGE (PPM): 0 HELIUM TESTS <table border="1"> <thead> <tr> <th></th> <th>Pre-sampling</th> <th>Post-sampling</th> </tr> </thead> <tbody> <tr> <td>HELIUM TEST IN BUCKET(%):</td> <td>17.9%</td> <td>17.1%</td> </tr> <tr> <td>HELIUM TEST IN TUBE (PPM):</td> <td>0.0%</td> <td>0.0%</td> </tr> </tbody> </table> SAMPLE START TIME: 13:02 SAMPLE STOP TIME: 15:02 TOTAL SAMPLE TIME (MIN): 120 REGULATOR FLOW RATE (L/MIN): 0.04 VOLUME OF SAMPLE (LITERS): 6 L PID AFTER SAMPLE (PPM): 0.1 SAMPLE MOISTURE CONTENT: N/A CAN SERIAL NUMBER: 2273 REGULATOR SERIAL NUMBER: 02335 CAN START VACUUM PRESS. (" HG): 30.01 CAN STOP VACUUM PRESS. (" HG): 10.67			Pre-sampling	Post-sampling	HELIUM TEST IN BUCKET(%):	17.9%	17.1%	HELIUM TEST IN TUBE (PPM):	0.0%	0.0%	<table border="1"> <thead> <tr> <th colspan="2">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th>DEPTH (FEET FROM SURFACE)</th> <th rowspan="2">NOTES</th> </tr> </thead> <tbody> <tr> <td>SURFACE</td> <td>SURFACE</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Top of Seal</td> <td>0.00</td> <td rowspan="3"></td> </tr> <tr> <td></td> <td>Top of Pack</td> <td>1.00</td> </tr> <tr> <td></td> <td>Probe Depth</td> <td>4.50</td> </tr> </tbody> </table>		IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)		DEPTH (FEET FROM SURFACE)	NOTES	SURFACE	SURFACE				Top of Seal	0.00			Top of Pack	1.00		Probe Depth	4.50
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SAMPLE LOCATION SKETCH		NOTES																												
See Sample Location Plan																														

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV04_091924

PROJECT: East Adams Redevelopment Phase III Area		PROJECT NO.: 170859701																										
LOCATION: 200 Chavez Terrace, Syracuse, NY		SURFACE ELEVATION AND DATUM: Unknown																										
DRILLING FIRM OR LANGAN INSTALLER: Nothnagle Drilling, Inc.		INSTALLATION DATE STARTED: 9/19/2024		DATE FINISHED: 9/19/2024																								
INSTALLATION FOREMAN: Jeff Schweitzel		SAMPLE DATE STARTED: 9/19/2024		DATE FINISHED: 9/19/2024																								
INSTALLATION EQUIPMENT: Geoprobe® 6712 DT		TYPE OF SAMPLING DEVICE: 6-Liter Summa Canister																										
INSPECTOR: S.Martin		SAMPLER: S.Martin																										
POTENTIAL SAMPLE INTERFERENCES: None		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 85° F Wind: NW Precipitation: N/A Pressure: 30.18 Hg																										
METHOD OF INSTALLATION AND PURGING: Nothnagle installed the soil vapor probe to about 5 feet bgs using a track-mounted Geoprobe® 6712 drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.																												
TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing		TYPE OF MATERIAL ABOVE SEAL: N/A																										
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None		SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite																										
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	Probe Depth	5.00																										
SAMPLE LOCATION SKETCH		NOTES																										
See Sample Location Plan																												

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV05_091924

PROJECT: East Adams Redevelopment Phase III Area		PROJECT NO.: 170859701																									
LOCATION: 200 Chavez Terrace, Syracuse, NY		SURFACE ELEVATION AND DATUM: Unknown																									
DRILLING FIRM OR LANGAN INSTALLER: Nothnagle Drilling, Inc.		INSTALLATION DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024																								
INSTALLATION FOREMAN: Jeff Schweitzel		SAMPLE DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024																								
INSTALLATION EQUIPMENT: Geoprobe® 6712 DT		TYPE OF SAMPLING DEVICE: 6-Liter Summa Canister																									
INSPECTOR: S.Martin		SAMPLER: S.Martin																									
POTENTIAL SAMPLE INTERFERENCES: None		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Temp: 85° F Wind: NW Precipitation: N/A Pressure: 30.18 Hg																									
METHOD OF INSTALLATION AND PURGING: Nothnagle installed the soil vapor probe to about 6 feet bgs using a track-mounted Geoprobe® 6712 drill rig. The soil vapor collection probe consisted of a 2-inch Teflon vapor implant with 1/4-Inch Teflon-lined polyethylene tubing. The annulus around the soil vapor implant and tubing was filled with a clean, coarse sand pack followed by a hydrated bentonite seal to surface grade. Hydrated bentonite was also used to create a seal around the tubing at the surface of the soil vapor point.																											
TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing		TYPE OF MATERIAL ABOVE SEAL: N/A																									
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: None		SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite																									
BOREHOLE DIAMETER: 2.5 inch		FILTER PACK MATERIAL (Sand or Glass Beads): No. 2 Sand																									
PURGE VOLUME (L): 0.50 PURGE FLOW RATE (ML/MIN): 250 PID AFTER PURGE (PPM): 0 HELIUM TESTS <table border="1"> <tr> <th>Pre-sampling</th> <th>Post-sampling</th> </tr> <tr> <td>18.4%</td> <td>17.7%</td> </tr> <tr> <td>0.0%</td> <td>0.0%</td> </tr> </table> HELIUM TEST IN BUCKET(%): HELIUM TEST IN TUBE (PPM): SAMPLE START TIME: 12:59 SAMPLE STOP TIME: 14:59 TOTAL SAMPLE TIME (MIN): 120 REGULATOR FLOW RATE (L/MIN): 0.04 VOLUME OF SAMPLE (LITERS): 6 L PID AFTER SAMPLE (PPM): 0.1 SAMPLE MOISTURE CONTENT: N/A CAN SERIAL NUMBER: 2804 REGULATOR SERIAL NUMBER: 02008 CAN START VACUUM PRESS. (" HG): 30.19 CAN STOP VACUUM PRESS. (" HG): 4.04		Pre-sampling	Post-sampling	18.4%	17.7%	0.0%	0.0%	<table border="1"> <thead> <tr> <th colspan="2">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th>DEPTH (FEET FROM SURFACE)</th> <th rowspan="2">NOTES</th> </tr> </thead> <tbody> <tr> <td>SURFACE</td> <td>SURFACE</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Top of Seal</td> <td>0.00</td> <td rowspan="3"></td> </tr> <tr> <td></td> <td>Top of Pack</td> <td>1.00</td> </tr> <tr> <td></td> <td>Probe Depth</td> <td>6.00</td> </tr> </tbody> </table>		IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)		DEPTH (FEET FROM SURFACE)	NOTES	SURFACE	SURFACE				Top of Seal	0.00			Top of Pack	1.00		Probe Depth	6.00
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	Probe Depth	6.00																									
SAMPLE LOCATION SKETCH		NOTES																									
See Sample Location Plan																											

AIR SAMPLING LOG SHEET

Sample Number: AA01_091924

PROJECT: East Adams Redevelopment Phase III		PROJECT NO.: 170859701	
LOCATION: AA01_091924		SURFACE ELEVATION AND DATUM: Unknown	
SAMPLER: S.Martin		SAMPLE DATE STARTED: 9/19/2024	DATE FINISHED: 9/19/2024
INSPECTOR: S.Martin		TYPE OF SAMPLING DEVICE: 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: None		WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):	
		Temp:	85°F
		Wind:	NW
		Precipitation:	N/A
		Pressure:	30.18
METHOD OF INSTALLATION AND SAMPLING: Langan field screened the sample location with a MiniRAE 3000 photoionization detector prior to sampling. The sample consisted of 6L Summa canister fitted with an 2-hour flow control valve. The flow controller was zeroed and the valve was opened to initiate the 2-hour sample collection. The sample and flow controller were checked each hour during sampling to ensure proper operation.			
SAMPLE DETAILS		SAMPLE LOCATION SKETCH	
HEIGHT ABOVE GROUND (FT): 5		See Sample Location Plan	
PID BEFORE SAMPLE (PPM): 0.0			
SAMPLE START TIME: 13:09			
SAMPLE STOP TIME: 15:09			
TOTAL SAMPLE TIME (MIN): 120			
REGULATOR FLOW RATE (L/MIN): 0.04			
VOLUME OF SAMPLE (LITERS): 6 L			
PID AFTER SAMPLE (PPM): 0.0			
SAMPLE MOISTURE CONTENT: N/A			
CAN SERIAL NUMBER: 1696			
REGULATOR SERIAL NUMBER: 01520			
CAN START VACUUM PRESS. (" HG): -29.96			
CAN STOP VACUUM PRESS. (" HG): 5.31			
NOTES			
Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C. 360 West 31st Street, 8th Floor, New York, New York 10001-2727			

SOIL VAPOR SAMPLING LOG SUMMARY SHEET

[illegible]

APPENDIX G
LABORATORY ANALYTICAL RESULTS



ANALYTICAL REPORT

Lab Number:	L2453065
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	EAST ADAMS REDEVELOPMENT PHIII
Project Number:	170859701
Report Date:	09/25/24

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Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2453065-01	SB01_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/16/24 11:10	09/16/24
L2453065-02	SB01_4-5	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/16/24 12:15	09/16/24
L2453065-03	SB09_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/16/24 14:05	09/16/24
L2453065-04	SB09_7-8	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/16/24 14:25	09/16/24

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
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Case Narrative

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

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

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

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

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
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Lab Number: L2453065
Report Date: 09/25/24

Case Narrative (continued)

Report Submission

September 25, 2024: This final report includes the results of all requested analyses.

September 24, 2024: 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.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2453065-01, -02, -03, and -04: Sample containers for PFAAs via EPA 1633 were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.

L2453065-01 and -03: Sample containers for Volatile Organics were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.

The analyses performed were specified by the client.

Volatile Organics

The WG1975184-5 Method Blank, associated with L2453065-02, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Total Metals

L2453065-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, 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:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/25/24

ORGANICS

VOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/24 12:29
Analyst: MKS
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	113		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/21/24 00:05
Analyst: MKS
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	112		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/24 20:37
 Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1975178-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/24 20:37
 Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1975178-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/24 20:37
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1975178-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	109		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/24 09:45
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1975184-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.1		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/24 09:45
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1975184-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/24 09:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1975184-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1975178-3 WG1975178-4								
Methylene chloride	92		82		70-130	11		30
1,1-Dichloroethane	92		81		70-130	13		30
Chloroform	95		86		70-130	10		30
Carbon tetrachloride	97		82		70-130	17		30
1,2-Dichloropropane	88		79		70-130	11		30
Dibromochloromethane	98		92		70-130	6		30
1,1,2-Trichloroethane	93		87		70-130	7		30
Tetrachloroethene	106		92		70-130	14		30
Chlorobenzene	96		86		70-130	11		30
Trichlorofluoromethane	153	Q	129		70-139	17		30
1,2-Dichloroethane	100		92		70-130	8		30
1,1,1-Trichloroethane	104		90		70-130	14		30
Bromodichloromethane	93		88		70-130	6		30
trans-1,3-Dichloropropene	94		87		70-130	8		30
cis-1,3-Dichloropropene	91		82		70-130	10		30
1,1-Dichloropropene	99		85		70-130	15		30
Bromoform	98		93		70-130	5		30
1,1,2,2-Tetrachloroethane	90		84		70-130	7		30
Benzene	91		80		70-130	13		30
Toluene	97		85		70-130	13		30
Ethylbenzene	95		83		70-130	13		30
Chloromethane	102		88		52-130	15		30
Bromomethane	203	Q	176	Q	57-147	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1975178-3 WG1975178-4								
Vinyl chloride	117		97		67-130	19		30
Chloroethane	144		124		50-151	15		30
1,1-Dichloroethene	93		78		65-135	18		30
trans-1,2-Dichloroethene	91		78		70-130	15		30
Trichloroethene	95		83		70-130	13		30
1,2-Dichlorobenzene	96		87		70-130	10		30
1,3-Dichlorobenzene	99		90		70-130	10		30
1,4-Dichlorobenzene	96		87		70-130	10		30
Methyl tert butyl ether	99		92		66-130	7		30
p/m-Xylene	98		86		70-130	13		30
o-Xylene	96		87		70-130	10		30
cis-1,2-Dichloroethene	90		79		70-130	13		30
Dibromomethane	92		87		70-130	6		30
Styrene	102		92		70-130	10		30
Dichlorodifluoromethane	97		82		30-146	17		30
Acetone	83		78		54-140	6		30
Carbon disulfide	85		72		59-130	17		30
2-Butanone	87		81		70-130	7		30
Vinyl acetate	120		106		70-130	12		30
4-Methyl-2-pentanone	86		81		70-130	6		30
1,2,3-Trichloropropane	92		86		68-130	7		30
2-Hexanone	88		82		70-130	7		30
Bromochloromethane	96		87		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1975178-3 WG1975178-4								
2,2-Dichloropropane	97		83		70-130	16		30
1,2-Dibromoethane	97		90		70-130	7		30
1,3-Dichloropropane	92		87		69-130	6		30
1,1,1,2-Tetrachloroethane	99		91		70-130	8		30
Bromobenzene	90		83		70-130	8		30
n-Butylbenzene	103		89		70-130	15		30
sec-Butylbenzene	96		83		70-130	15		30
tert-Butylbenzene	92		82		70-130	11		30
o-Chlorotoluene	92		84		70-130	9		30
p-Chlorotoluene	93		82		70-130	13		30
1,2-Dibromo-3-chloropropane	90		81		68-130	11		30
Hexachlorobutadiene	99		87		67-130	13		30
Isopropylbenzene	92		80		70-130	14		30
p-Isopropyltoluene	96		84		70-130	13		30
Naphthalene	86		82		70-130	5		30
Acrylonitrile	103		95		70-130	8		30
n-Propylbenzene	95		82		70-130	15		30
1,2,3-Trichlorobenzene	97		90		70-130	7		30
1,2,4-Trichlorobenzene	99		91		70-130	8		30
1,3,5-Trimethylbenzene	94		82		70-130	14		30
1,2,4-Trimethylbenzene	91		81		70-130	12		30
1,4-Dioxane	88		85		65-136	3		30
p-Diethylbenzene	96		83		70-130	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1975178-3 WG1975178-4								
p-Ethyltoluene	93		81		70-130	14		30
1,2,4,5-Tetramethylbenzene	90		81		70-130	11		30
Ethyl ether	98		92		67-130	6		30
trans-1,4-Dichloro-2-butene	102		94		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		111		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	86		86		70-130
Dibromofluoromethane	107		108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2453065

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1975184-3 WG1975184-4								
Methylene chloride	86		82		70-130	5		30
1,1-Dichloroethane	105		105		70-130	0		30
Chloroform	101		101		70-130	0		30
Carbon tetrachloride	107		105		70-130	2		30
1,2-Dichloropropane	103		103		70-130	0		30
Dibromochloromethane	92		92		70-130	0		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	99		98		70-130	1		30
Chlorobenzene	94		95		70-130	1		30
Trichlorofluoromethane	101		99		70-139	2		30
1,2-Dichloroethane	103		103		70-130	0		30
1,1,1-Trichloroethane	100		100		70-130	0		30
Bromodichloromethane	95		96		70-130	1		30
trans-1,3-Dichloropropene	100		101		70-130	1		30
cis-1,3-Dichloropropene	100		103		70-130	3		30
1,1-Dichloropropene	105		105		70-130	0		30
Bromoform	86		85		70-130	1		30
1,1,2,2-Tetrachloroethane	96		96		70-130	0		30
Benzene	100		101		70-130	1		30
Toluene	97		97		70-130	0		30
Ethylbenzene	96		97		70-130	1		30
Chloromethane	101		97		52-130	4		30
Bromomethane	86		85		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1975184-3 WG1975184-4								
Vinyl chloride	106		100		67-130	6		30
Chloroethane	102		96		50-151	6		30
1,1-Dichloroethene	94		90		65-135	4		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	99		100		70-130	1		30
1,2-Dichlorobenzene	94		93		70-130	1		30
1,3-Dichlorobenzene	96		96		70-130	0		30
1,4-Dichlorobenzene	95		94		70-130	1		30
Methyl tert butyl ether	94		99		66-130	5		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	92		93		70-130	1		30
cis-1,2-Dichloroethene	97		97		70-130	0		30
Dibromomethane	99		99		70-130	0		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	87		82		30-146	6		30
Acetone	109		104		54-140	5		30
Carbon disulfide	91		86		59-130	6		30
2-Butanone	107		111		70-130	4		30
Vinyl acetate	114		110		70-130	4		30
4-Methyl-2-pentanone	96		97		70-130	1		30
1,2,3-Trichloropropane	98		97		68-130	1		30
2-Hexanone	91		93		70-130	2		30
Bromochloromethane	101		101		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1975184-3 WG1975184-4								
2,2-Dichloropropane	106		106		70-130	0		30
1,2-Dibromoethane	95		96		70-130	1		30
1,3-Dichloropropane	98		97		69-130	1		30
1,1,1,2-Tetrachloroethane	94		94		70-130	0		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	100		99		70-130	1		30
sec-Butylbenzene	97		96		70-130	1		30
tert-Butylbenzene	96		95		70-130	1		30
o-Chlorotoluene	94		95		70-130	1		30
p-Chlorotoluene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	87		88		68-130	1		30
Hexachlorobutadiene	86		85		67-130	1		30
Isopropylbenzene	95		95		70-130	0		30
p-Isopropyltoluene	96		95		70-130	1		30
Naphthalene	89		91		70-130	2		30
Acrylonitrile	112		110		70-130	2		30
n-Propylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	93		93		70-130	0		30
1,2,4-Trichlorobenzene	92		92		70-130	0		30
1,3,5-Trimethylbenzene	95		94		70-130	1		30
1,2,4-Trimethylbenzene	95		93		70-130	2		30
1,4-Dioxane	94		96		65-136	2		30
p-Diethylbenzene	94		94		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1975184-3 WG1975184-4								
p-Ethyltoluene	96		95		70-130	1		30
1,2,4,5-Tetramethylbenzene	89		88		70-130	1		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	105		103		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		105		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-01
Client ID: SB01_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 11:10
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 11:56
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	260		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-01
Client ID: SB01_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 11:10
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	130		ug/kg	110	21.	1
Benzo(a)pyrene	140	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	170		ug/kg	110	31.	1
Benzo(k)fluoranthene	56	J	ug/kg	110	29.	1
Chrysene	140		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	86	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	130		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	22	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	80	J	ug/kg	150	26.	1
Pyrene	220		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-01
Client ID: SB01_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 11:10
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	53		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 12:20
Analyst: IM
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	26.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	46		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-03
Client ID: SB09_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:05
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 12:44
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	810		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	7600	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	1400		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-03
Client ID: SB09_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:05
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	3500		ug/kg	110	21.	1
Benzo(a)pyrene	3200		ug/kg	150	45.	1
Benzo(b)fluoranthene	4000		ug/kg	110	31.	1
Benzo(k)fluoranthene	1200		ug/kg	110	30.	1
Chrysene	3300		ug/kg	110	19.	1
Acenaphthylene	430		ug/kg	150	29.	1
Anthracene	2100		ug/kg	110	36.	1
Benzo(ghi)perylene	2000		ug/kg	150	22.	1
Fluorene	1300		ug/kg	180	18.	1
Phenanthrene	8300	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	450		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2000		ug/kg	150	26.	1
Pyrene	6000		ug/kg	110	18.	1
Biphenyl	110	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	840		ug/kg	180	18.	1
2-Methylnaphthalene	400		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	35	J	ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	40	J	ug/kg	270	29.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-03
Client ID: SB09_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:05
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	1100		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	51		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-03 D
Client ID: SB09_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:05
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 14:40
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	9400		ug/kg	560	110	5
Phenanthrene	10000		ug/kg	560	110	5

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 13:07
Analyst: IM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	47		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/23/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1974784-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/23/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1974784-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/23/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1974784-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	76		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1974784-2 WG1974784-3								
Acenaphthene	60		60		31-137	0		50
1,2,4-Trichlorobenzene	62		61		38-107	2		50
Hexachlorobenzene	62		63		40-140	2		50
Bis(2-chloroethyl)ether	61		61		40-140	0		50
2-Chloronaphthalene	63		63		40-140	0		50
1,2-Dichlorobenzene	60		59		40-140	2		50
1,3-Dichlorobenzene	58		57		40-140	2		50
1,4-Dichlorobenzene	60		59		28-104	2		50
3,3'-Dichlorobenzidine	48		51		40-140	6		50
2,4-Dinitrotoluene	67		71		40-132	6		50
2,6-Dinitrotoluene	69		71		40-140	3		50
Fluoranthene	62		61		40-140	2		50
4-Chlorophenyl phenyl ether	62		62		40-140	0		50
4-Bromophenyl phenyl ether	62		62		40-140	0		50
Bis(2-chloroisopropyl)ether	62		62		40-140	0		50
Bis(2-chloroethoxy)methane	64		64		40-117	0		50
Hexachlorobutadiene	61		59		40-140	3		50
Hexachlorocyclopentadiene	46		46		40-140	0		50
Hexachloroethane	60		59		40-140	2		50
Isophorone	62		63		40-140	2		50
Naphthalene	61		61		40-140	0		50
Nitrobenzene	63		65		40-140	3		50
NDPA/DPA	62		63		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2453065

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1974784-2 WG1974784-3								
n-Nitrosodi-n-propylamine	62		63		32-121	2		50
Bis(2-ethylhexyl)phthalate	65		65		40-140	0		50
Butyl benzyl phthalate	68		68		40-140	0		50
Di-n-butylphthalate	65		63		40-140	3		50
Di-n-octylphthalate	61		61		40-140	0		50
Diethyl phthalate	62		63		40-140	2		50
Dimethyl phthalate	64		65		40-140	2		50
Benzo(a)anthracene	60		60		40-140	0		50
Benzo(a)pyrene	62		63		40-140	2		50
Benzo(b)fluoranthene	59		61		40-140	3		50
Benzo(k)fluoranthene	62		61		40-140	2		50
Chrysene	59		59		40-140	0		50
Acenaphthylene	62		63		40-140	2		50
Anthracene	61		61		40-140	0		50
Benzo(ghi)perylene	62		62		40-140	0		50
Fluorene	61		62		40-140	2		50
Phenanthrene	59		58		40-140	2		50
Dibenzo(a,h)anthracene	64		63		40-140	2		50
Indeno(1,2,3-cd)pyrene	63		63		40-140	0		50
Pyrene	62		61		35-142	2		50
Biphenyl	65		65		37-127	0		50
4-Chloroaniline	53		52		40-140	2		50
2-Nitroaniline	73		74		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1974784-2 WG1974784-3								
3-Nitroaniline	58		61		26-129	5		50
4-Nitroaniline	68		71		41-125	4		50
Dibenzofuran	61		62		40-140	2		50
2-Methylnaphthalene	63		63		40-140	0		50
1,2,4,5-Tetrachlorobenzene	64		64		40-117	0		50
Acetophenone	66		66		14-144	0		50
2,4,6-Trichlorophenol	66		66		30-130	0		50
p-Chloro-m-cresol	66		67		26-103	2		50
2-Chlorophenol	63		64		25-102	2		50
2,4-Dichlorophenol	66		66		30-130	0		50
2,4-Dimethylphenol	50		51		30-130	2		50
2-Nitrophenol	66		68		30-130	3		50
4-Nitrophenol	68		71		11-114	4		50
2,4-Dinitrophenol	55		60		4-130	9		50
4,6-Dinitro-o-cresol	63		67		10-130	6		50
Pentachlorophenol	63		66		17-109	5		50
Phenol	64		64		26-90	0		50
2-Methylphenol	64		65		30-130.	2		50
3-Methylphenol/4-Methylphenol	64		65		30-130	2		50
2,4,5-Trichlorophenol	68		69		30-130	1		50
Benzoic Acid	37		41		10-110	10		50
Benzyl Alcohol	65		66		40-140	2		50
Carbazole	61		61		54-128	0		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453065**Project Number:** 170859701**Report Date:** 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1974784-2 WG1974784-3								
1,4-Dioxane	60		60		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		66		25-120
Phenol-d6	65		65		10-120
Nitrobenzene-d5	65		66		23-120
2-Fluorobiphenyl	62		63		30-120
2,4,6-Tribromophenol	68		69		10-136
4-Terphenyl-d14	61		62		18-120

PESTICIDES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/23/24 10:49
Analyst: AKM
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:02
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.14	0.419	1	A
Lindane	ND		ug/kg	0.892	0.399	1	A
Alpha-BHC	ND		ug/kg	0.892	0.253	1	A
Beta-BHC	ND		ug/kg	2.14	0.812	1	A
Heptachlor	ND		ug/kg	1.07	0.480	1	A
Aldrin	ND		ug/kg	2.14	0.754	1	A
Heptachlor epoxide	ND		ug/kg	4.01	1.20	1	A
Endrin	ND		ug/kg	0.892	0.366	1	A
Endrin aldehyde	ND		ug/kg	2.68	0.936	1	A
Endrin ketone	ND		ug/kg	2.14	0.551	1	A
Dieldrin	ND		ug/kg	1.34	0.669	1	A
4,4'-DDE	ND		ug/kg	2.14	0.495	1	A
4,4'-DDD	ND		ug/kg	2.14	0.764	1	A
4,4'-DDT	ND		ug/kg	2.14	1.72	1	A
Endosulfan I	ND		ug/kg	2.14	0.506	1	A
Endosulfan II	ND		ug/kg	2.14	0.715	1	A
Endosulfan sulfate	ND		ug/kg	0.892	0.424	1	A
Methoxychlor	ND		ug/kg	4.01	1.25	1	A
Toxaphene	ND		ug/kg	40.1	11.2	1	A
cis-Chlordane	ND		ug/kg	2.68	0.746	1	A
trans-Chlordane	ND		ug/kg	2.68	0.706	1	A
Chlordane	ND		ug/kg	17.8	7.09	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/23/24 11:00
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:02
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.767	0.343	1	A
Alpha-BHC	ND		ug/kg	0.767	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.698	1	A
Heptachlor	ND		ug/kg	0.921	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.648	1	A
Heptachlor epoxide	ND		ug/kg	3.45	1.04	1	A
Endrin	ND		ug/kg	0.767	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.806	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	ND		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.615	1	A
Endosulfan sulfate	ND		ug/kg	0.767	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.67	1	A
cis-Chlordane	ND		ug/kg	2.30	0.642	1	A
trans-Chlordane	ND		ug/kg	2.30	0.608	1	A
Chlordane	ND		ug/kg	15.3	6.10	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/23/24 10:15
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:02
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04 Batch: WG1974785-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.788	0.353	A
Aldrin	ND		ug/kg	1.58	0.555	A
Heptachlor epoxide	ND		ug/kg	2.95	0.886	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.689	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.985	0.492	A
4,4'-DDE	ND		ug/kg	1.58	0.364	A
4,4'-DDD	ND		ug/kg	1.58	0.562	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.372	A
Endosulfan II	ND		ug/kg	1.58	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.919	A
Toxaphene	ND		ug/kg	29.5	8.27	A
cis-Chlordane	ND		ug/kg	1.97	0.549	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	13.1	5.22	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/23/24 10:15
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/22/24 10:02
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/23/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04 Batch: WG1974785-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1974785-2 WG1974785-3									
Delta-BHC	77		83		30-150	8		30	A
Lindane	75		80		30-150	6		30	A
Alpha-BHC	77		82		30-150	6		30	A
Beta-BHC	77		84		30-150	9		30	A
Heptachlor	77		82		30-150	6		30	A
Aldrin	76		82		30-150	8		30	A
Heptachlor epoxide	71		81		30-150	13		30	A
Endrin	74		82		30-150	10		30	A
Endrin aldehyde	60		66		30-150	10		30	A
Endrin ketone	64		73		30-150	13		30	A
Dieldrin	81		89		30-150	9		30	A
4,4'-DDE	74		83		30-150	11		30	A
4,4'-DDD	78		86		30-150	10		30	A
4,4'-DDT	68		76		30-150	11		30	A
Endosulfan I	74		81		30-150	9		30	A
Endosulfan II	74		82		30-150	10		30	A
Endosulfan sulfate	68		77		30-150	12		30	A
Methoxychlor	70		83		30-150	17		30	A
cis-Chlordane	72		78		30-150	8		30	A
trans-Chlordane	89		94		30-150	5		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453065**Project Number:** 170859701**Report Date:** 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1974785-2 WG1974785-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		72		30-150	A
Decachlorobiphenyl	53		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		73		30-150	B
Decachlorobiphenyl	58		66		30-150	B

METALS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-01
 Client ID: SB01_1-2
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 11:10
 Date Received: 09/16/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7780		mg/kg	8.67	2.34	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.34	0.330	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.64		mg/kg	0.867	0.180	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Barium, Total	73.3		mg/kg	0.867	0.151	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.390	J	mg/kg	0.434	0.029	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.867	0.085	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Calcium, Total	68900		mg/kg	8.67	3.04	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Chromium, Total	19.0		mg/kg	0.867	0.083	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.66		mg/kg	1.73	0.144	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Copper, Total	29.7		mg/kg	0.867	0.224	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Iron, Total	15500		mg/kg	4.34	0.783	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Lead, Total	91.5		mg/kg	4.34	0.232	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Magnesium, Total	26300		mg/kg	8.67	1.34	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Manganese, Total	330		mg/kg	0.867	0.138	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Mercury, Total	0.145		mg/kg	0.070	0.046	1	09/20/24 11:30	09/23/24 12:13	EPA 7471B	1,7471B	MJR
Nickel, Total	17.4		mg/kg	2.17	0.210	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Potassium, Total	703		mg/kg	217	12.5	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Selenium, Total	0.828	J	mg/kg	1.73	0.224	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Silver, Total	0.473		mg/kg	0.434	0.245	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Sodium, Total	82.1	J	mg/kg	173	2.73	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.73	0.273	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Vanadium, Total	24.6		mg/kg	0.867	0.176	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
Zinc, Total	58.3		mg/kg	4.34	0.254	2	09/20/24 08:15	09/20/24 19:03	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	19.0		mg/kg	0.891	0.178	1		09/23/24 13:36	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
 Client ID: SB01_4-5
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
 Date Received: 09/16/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11500		mg/kg	10.4	2.80	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Antimony, Total	0.509	J	mg/kg	5.20	0.395	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Arsenic, Total	8.81		mg/kg	1.04	0.216	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Barium, Total	172		mg/kg	1.04	0.181	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.589		mg/kg	0.520	0.034	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.144	J	mg/kg	1.04	0.102	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Calcium, Total	20100		mg/kg	10.4	3.64	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Chromium, Total	18.2		mg/kg	1.04	0.100	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Cobalt, Total	9.60		mg/kg	2.08	0.172	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Copper, Total	72.6		mg/kg	1.04	0.268	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Iron, Total	21300		mg/kg	5.20	0.938	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Lead, Total	502		mg/kg	5.20	0.278	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Magnesium, Total	9330		mg/kg	10.4	1.60	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Manganese, Total	483		mg/kg	1.04	0.165	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Mercury, Total	1.84		mg/kg	0.087	0.056	1	09/20/24 11:30	09/23/24 12:16	EPA 7471B	1,7471B	MJR
Nickel, Total	23.8		mg/kg	2.60	0.251	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Potassium, Total	892		mg/kg	260	15.0	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Selenium, Total	1.07	J	mg/kg	2.08	0.268	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Silver, Total	14.8		mg/kg	0.520	0.294	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Sodium, Total	45.3	J	mg/kg	208	3.27	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Thallium, Total	0.359	J	mg/kg	2.08	0.327	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Vanadium, Total	20.6		mg/kg	1.04	0.211	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
Zinc, Total	162		mg/kg	5.20	0.304	2	09/20/24 08:15	09/20/24 19:07	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	18.2		mg/kg	1.10	0.220	1		09/23/24 13:36	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-03
 Client ID: SB09_1-2
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:05
 Date Received: 09/16/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7360		mg/kg	8.83	2.38	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Antimony, Total	0.772	J	mg/kg	4.41	0.336	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.49		mg/kg	0.883	0.184	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Barium, Total	70.2		mg/kg	0.883	0.154	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.372	J	mg/kg	0.441	0.029	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.883	0.087	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Calcium, Total	46300		mg/kg	8.83	3.09	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Chromium, Total	19.7		mg/kg	0.883	0.085	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.29		mg/kg	1.76	0.146	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Copper, Total	23.2		mg/kg	0.883	0.228	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Iron, Total	14700		mg/kg	4.41	0.797	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Lead, Total	58.2		mg/kg	4.41	0.237	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Magnesium, Total	12900		mg/kg	8.83	1.36	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Manganese, Total	300		mg/kg	0.883	0.140	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Mercury, Total	0.179		mg/kg	0.073	0.047	1	09/20/24 11:30	09/23/24 12:20	EPA 7471B	1,7471B	MJR
Nickel, Total	16.0		mg/kg	2.21	0.214	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Potassium, Total	615		mg/kg	221	12.7	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Selenium, Total	0.605	J	mg/kg	1.76	0.228	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Silver, Total	0.407	J	mg/kg	0.441	0.250	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Sodium, Total	45.7	J	mg/kg	176	2.78	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.76	0.278	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Vanadium, Total	32.1		mg/kg	0.883	0.179	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
Zinc, Total	60.2		mg/kg	4.41	0.259	2	09/20/24 08:15	09/20/24 19:11	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	19.7		mg/kg	0.909	0.182	1		09/23/24 13:36	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
 Client ID: SB09_7-8
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
 Date Received: 09/16/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6250		mg/kg	9.32	2.52	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Antimony, Total	0.399	J	mg/kg	4.66	0.354	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.44		mg/kg	0.932	0.194	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Barium, Total	120		mg/kg	0.932	0.162	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.287	J	mg/kg	0.466	0.031	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.932	0.091	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Calcium, Total	59400		mg/kg	9.32	3.26	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Chromium, Total	9.76		mg/kg	0.932	0.089	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.56		mg/kg	1.86	0.155	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Copper, Total	15.0		mg/kg	0.932	0.240	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Iron, Total	12900		mg/kg	4.66	0.841	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Lead, Total	6.94		mg/kg	4.66	0.250	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Magnesium, Total	23000		mg/kg	9.32	1.43	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Manganese, Total	317		mg/kg	0.932	0.148	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.076	0.049	1	09/20/24 11:30	09/23/24 12:23	EPA 7471B	1,7471B	MJR
Nickel, Total	15.8		mg/kg	2.33	0.225	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Potassium, Total	572		mg/kg	233	13.4	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Selenium, Total	0.427	J	mg/kg	1.86	0.240	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.466	0.264	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Sodium, Total	62.1	J	mg/kg	186	2.94	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.86	0.294	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Vanadium, Total	11.9		mg/kg	0.932	0.189	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
Zinc, Total	28.3		mg/kg	4.66	0.273	2	09/20/24 08:15	09/20/24 19:23	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	9.76		mg/kg	0.964	0.193	1		09/23/24 13:36	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1974077-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Antimony, Total	0.185	J	mg/kg	2.00	0.152	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Iron, Total	0.798	J	mg/kg	2.00	0.361	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Selenium, Total	0.129	J	mg/kg	0.800	0.103	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/20/24 08:15	09/20/24 17:41	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1974080-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/20/24 11:30	09/23/24 10:54	1,7471B	MJR



Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453065

Project Number: 170859701

Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453065**Project Number:** 170859701**Report Date:** 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1974077-2								
Aluminum, Total	95		-		80-120	-		
Antimony, Total	99		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	99		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Calcium, Total	97		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Cobalt, Total	97		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	100		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	98		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	98		-		80-120	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453065**Project Number:** 170859701**Report Date:** 09/25/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1974077-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1974080-2					
Mercury, Total	106	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974077-3 WG1974077-4 QC Sample: L2453726-03 Client ID: MS Sample												
Aluminum, Total	12000	174	11800	0	Q	12000	0	Q	75-125	2		20
Antimony, Total	ND	43.6	37.8	87		37.9	84		75-125	0		20
Arsenic, Total	3.24	10.5	12.5	88		12.5	86		75-125	0		20
Barium, Total	36.7	174	197	92		193	87		75-125	2		20
Beryllium, Total	0.376J	4.36	4.48	103		4.41	98		75-125	2		20
Cadmium, Total	ND	4.62	4.30	93		4.29	90		75-125	0		20
Calcium, Total	844	873	1640	91		1620	86		75-125	1		20
Chromium, Total	17.2	17.4	32.4	87		32.5	85		75-125	0		20
Cobalt, Total	5.92	43.6	45.2	90		45.2	88		75-125	0		20
Copper, Total	10.3	21.8	30.4	92		31.0	92		75-125	2		20
Iron, Total	14400	87.3	14000	0	Q	14200	0	Q	75-125	1		20
Lead, Total	7.28	46.2	49.5	91		49.2	88		75-125	1		20
Magnesium, Total	2920	873	3600	78		3630	79		75-125	1		20
Manganese, Total	194	43.6	220	60	Q	229	78		75-125	4		20
Nickel, Total	11.2	43.6	50.2	89		49.8	86		75-125	1		20
Potassium, Total	458	873	1250	91		1240	87		75-125	1		20
Selenium, Total	ND	10.5	9.30	89		9.18	85		75-125	1		20
Silver, Total	ND	4.36	4.36	100		4.34	97		75-125	0		20
Sodium, Total	26.5J	873	830	95		818	91		75-125	1		20
Thallium, Total	ND	10.5	9.90	94		9.63	89		75-125	3		20
Vanadium, Total	25.8	43.6	65.6	91		65.7	89		75-125	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974077-3 WG1974077-4 QC Sample: L2453726-03 Client ID: MS Sample									
Zinc, Total	27.9	43.6	67.2	90	67.7	89	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974080-3 WG1974080-4 QC Sample: L2453726-03 Client ID: MS Sample									
Mercury, Total	ND	1.43	1.54	107	1.48	103	80-120	4	20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

**Lab Serial Dilution
Analysis**
Batch Quality Control

Lab Number: L2453065
Report Date: 09/25/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974077-6 QC Sample: L2453726-03 Client ID: DUP Sample						
Barium, Total	36.7	38.9	mg/kg	6		20
Manganese, Total	194	209	mg/kg	8		20



INORGANICS & MISCELLANEOUS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-01
Client ID: SB01_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 11:10
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	09/18/24 14:03	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.891	0.178	1	09/22/24 04:15	09/23/24 13:36	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-02
Client ID: SB01_4-5
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 12:15
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.8		%	0.100	NA	1	-	09/18/24 14:03	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.10	0.220	1	09/22/24 04:15	09/23/24 13:36	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-03
Client ID: SB09_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:05
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	09/18/24 14:03	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.909	0.182	1	09/22/24 04:15	09/23/24 13:36	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453065-04
Client ID: SB09_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/16/24 14:25
Date Received: 09/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	09/18/24 14:03	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.964	0.193	1	09/22/24 04:15	09/23/24 13:36	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHII**Lab Number:** L2453065**Project Number:** 170859701**Report Date:** 09/25/24**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1974300-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/22/24 04:15	09/23/24 13:36	1,7196A	RDS

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Project Number:** 170859701**Lab Number:** L2453065**Report Date:** 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1974300-2								
Chromium, Hexavalent	99		-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1974300-4 QC Sample: L2453065-01 Client ID: SB01_1-2												
Chromium, Hexavalent	ND	1260	1140	90		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2453065

Report Date: 09/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1973050-1 QC Sample: L2453065-01 Client ID: SB01_1-2						
Solids, Total	89.8	89.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1974300-6 QC Sample: L2453065-01 Client ID: SB01_1-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453065**Project Number:** 170859701**Report Date:** 09/25/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2453065-01A	Vial MeOH preserved	A	NA		3.1	Y	Absent		HOLD-8260HLW(14)
L2453065-01B	Vial water preserved	A	NA		3.1	Y	Absent	17-SEP-24 11:04	HOLD-8260HLW(14)
L2453065-01C	Vial water preserved	A	NA		3.1	Y	Absent	17-SEP-24 11:04	HOLD-8260HLW(14)
L2453065-01D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2453065-01E	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2453065-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2453065-01G	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453065-01H	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453065-01I	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		SUB-ASBESTOS()
L2453065-01J	Plastic 8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-1633(90)
L2453065-02A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2453065-02B	Vial water preserved	A	NA		3.1	Y	Absent	17-SEP-24 11:04	NYTCL-8260HLW(14)
L2453065-02C	Vial water preserved	A	NA		3.1	Y	Absent	17-SEP-24 11:04	NYTCL-8260HLW(14)
L2453065-02D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2453065-02E	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2453065-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2453065-02G	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No:09252414:36
Lab Number: L2453065
Report Date: 09/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2453065-02H	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2453065-02I	Plastic 8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-1633(90)
L2453065-03A	Vial MeOH preserved	A	NA		3.1	Y	Absent		HOLD-8260HLW(14)
L2453065-03B	Vial water preserved	A	NA		3.1	Y	Absent	17-SEP-24 11:04	HOLD-8260HLW(14)
L2453065-03C	Vial water preserved	A	NA		3.1	Y	Absent	17-SEP-24 11:04	HOLD-8260HLW(14)
L2453065-03D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2453065-03E	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2453065-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),MG-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180)
L2453065-03G	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453065-03H	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453065-03I	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		SUB-ASBESTOS()
L2453065-03J	Plastic 8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-1633(90)
L2453065-04A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2453065-04B	Vial water preserved	A	NA		3.1	Y	Absent	17-SEP-24 11:04	NYTCL-8260HLW(14)
L2453065-04C	Vial water preserved	A	NA		3.1	Y	Absent	17-SEP-24 11:04	NYTCL-8260HLW(14)
L2453065-04D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L2453065-04E	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2453065-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2453065-04G	Glass 120ml/4oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2453065-04H	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2453065-04I	Plastic 8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-1633(90)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Footnotes

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

Terms

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

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453065
Report Date: 09/25/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 21

Published Date: 04/17/2024

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B

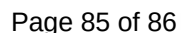
The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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



EAS Batch No. 2406467

Eastern Analytical Services, Inc.

Page 1 of 1

Bulk Sample Results

RE: CPN L2453065

Date Collected : 09/16/2024

Collected By : Ben Rao

Date Received : 09/19/2024

Date Analyzed : 09/24/2024

Analyzed By : George Htay

Signature :

Analytical Method : NYS-DOH 198.1

NVLAP Lab Code : 101646-0 (Testing)

NYS Lab No. 10851

Paul Stascavage , Lab DirectorClient: Alpha Analytical
8 Walkup Drive
Westborough, MA 01581

Sample ID Number SB01_1-2 SB09_1-2

Layer Number

Lab ID Number 3036244 3036245

Sample Location Not Given Not Given

Sample Description Soil Soil

Method of Quantification Scanning Option Scanning Option

Appearance	Layered	No	No
	Homogenous	No	No
	Fibrous	Yes	No
	Color	Brown/Black	Brown/Black

Sample Treatment Homogenized Homogenized

Asbestos	% Amosite	ND	ND
Content	% Chrysotile	ND	ND
	% Other	ND	ND
	% Total Asbestos	ND	ND

Other Fibrous	% Fibrous Glass	ND	ND
Materials	% Cellulose	2.0	ND
Present	% Other	ND	ND
	% Unidentified	ND	ND

Non-Fibrous	% Silicates	55.0	40.0
Materials	% Carbonates	ND	20.0
Present	% Other	ND	ND
	% Unidentified	43.0	40.0

Results Applicable To Those Items Tested. Report Cannot be Reproduced, Except Entirely, Without Written Approval of the Laboratory. ND = Not Detected. Reporting Limit is <1%.

Liability Limited To Cost Of Analysis. This Report Must Not be Used by the Client to Claim Product Endorsement by NVLAP or Any Agency of the US Government.

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing. Overall Lab Accuracy $\pm$ 17%. Samples received in acceptable condition unless otherwise noted.

AIHA LAP, LLC No. 100263 Rhode Island DOH No. AAL-072 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AL-709936



ANALYTICAL REPORT

Lab Number:	L2453302
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	EAST ADAMS REDEVELOPMENT PHIII
Project Number:	170859701
Report Date:	09/25/24

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

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

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



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2453302-01	SB05_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/17/24 13:05	09/17/24
L2453302-02	SB05_7-8	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/17/24 13:35	09/17/24
L2453302-03	SB04_0-1	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/17/24 14:10	09/17/24
L2453302-04	SB04_8-9	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/17/24 14:45	09/17/24

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Case Narrative

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

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

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

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

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Case Narrative (continued)

Report Submission

September 25, 2024: This final report includes the results of all requested analyses.

September 25, 2024: 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.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

The project number was specified by the client.

L2453302-01 through -04: Sample containers for PFAS via EPA 1633 were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.

L2453302-01 and -03: Sample containers for the Volatile Organics analysis were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.

Volatile Organics

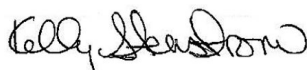
The WG1975184-5 Method Blank, associated with L2453302-02 and -04, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Total Metals

L2453302-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/25/24

ORGANICS

VOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/24 17:00
Analyst: MKS
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.29	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.25	1
Xylenes, Total	ND		ug/kg	0.88	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.80	1
Acetone	5.3	J	ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	1.9	1
Vinyl acetate	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.88	0.15	1
sec-Butylbenzene	ND		ug/kg	0.88	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.88	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.15	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/24 17:28
Analyst: MKS
Percent Solids: 86%

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

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	16		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	114		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/24 09:45
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04 Batch: WG1975184-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.1		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/24 09:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04 Batch: WG1975184-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/24 09:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04 Batch: WG1975184-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04 Batch: WG1975184-3 WG1975184-4								
Methylene chloride	86		82		70-130	5		30
1,1-Dichloroethane	105		105		70-130	0		30
Chloroform	101		101		70-130	0		30
Carbon tetrachloride	107		105		70-130	2		30
1,2-Dichloropropane	103		103		70-130	0		30
Dibromochloromethane	92		92		70-130	0		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	99		98		70-130	1		30
Chlorobenzene	94		95		70-130	1		30
Trichlorofluoromethane	101		99		70-139	2		30
1,2-Dichloroethane	103		103		70-130	0		30
1,1,1-Trichloroethane	100		100		70-130	0		30
Bromodichloromethane	95		96		70-130	1		30
trans-1,3-Dichloropropene	100		101		70-130	1		30
cis-1,3-Dichloropropene	100		103		70-130	3		30
1,1-Dichloropropene	105		105		70-130	0		30
Bromoform	86		85		70-130	1		30
1,1,2,2-Tetrachloroethane	96		96		70-130	0		30
Benzene	100		101		70-130	1		30
Toluene	97		97		70-130	0		30
Ethylbenzene	96		97		70-130	1		30
Chloromethane	101		97		52-130	4		30
Bromomethane	86		85		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04 Batch: WG1975184-3 WG1975184-4								
Vinyl chloride	106		100		67-130	6		30
Chloroethane	102		96		50-151	6		30
1,1-Dichloroethene	94		90		65-135	4		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	99		100		70-130	1		30
1,2-Dichlorobenzene	94		93		70-130	1		30
1,3-Dichlorobenzene	96		96		70-130	0		30
1,4-Dichlorobenzene	95		94		70-130	1		30
Methyl tert butyl ether	94		99		66-130	5		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	92		93		70-130	1		30
cis-1,2-Dichloroethene	97		97		70-130	0		30
Dibromomethane	99		99		70-130	0		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	87		82		30-146	6		30
Acetone	109		104		54-140	5		30
Carbon disulfide	91		86		59-130	6		30
2-Butanone	107		111		70-130	4		30
Vinyl acetate	114		110		70-130	4		30
4-Methyl-2-pentanone	96		97		70-130	1		30
1,2,3-Trichloropropane	98		97		68-130	1		30
2-Hexanone	91		93		70-130	2		30
Bromochloromethane	101		101		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04 Batch: WG1975184-3 WG1975184-4								
2,2-Dichloropropane	106		106		70-130	0		30
1,2-Dibromoethane	95		96		70-130	1		30
1,3-Dichloropropane	98		97		69-130	1		30
1,1,1,2-Tetrachloroethane	94		94		70-130	0		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	100		99		70-130	1		30
sec-Butylbenzene	97		96		70-130	1		30
tert-Butylbenzene	96		95		70-130	1		30
o-Chlorotoluene	94		95		70-130	1		30
p-Chlorotoluene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	87		88		68-130	1		30
Hexachlorobutadiene	86		85		67-130	1		30
Isopropylbenzene	95		95		70-130	0		30
p-Isopropyltoluene	96		95		70-130	1		30
Naphthalene	89		91		70-130	2		30
Acrylonitrile	112		110		70-130	2		30
n-Propylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	93		93		70-130	0		30
1,2,4-Trichlorobenzene	92		92		70-130	0		30
1,3,5-Trimethylbenzene	95		94		70-130	1		30
1,2,4-Trimethylbenzene	95		93		70-130	2		30
1,4-Dioxane	94		96		65-136	2		30
p-Diethylbenzene	94		94		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04 Batch: WG1975184-3 WG1975184-4								
p-Ethyltoluene	96		95		70-130	1		30
1,2,4,5-Tetramethylbenzene	89		88		70-130	1		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	105		103		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		105		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-01
Client ID: SB05_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:05
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 17:00
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-01
Client ID: SB05_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:05
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-01
Client ID: SB05_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:05
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	46		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 17:23
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	38		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-03
Client ID: SB04_0-1
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:10
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 17:46
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	34	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-03
Client ID: SB04_0-1
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:10
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	28	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	32	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-03
Client ID: SB04_0-1
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:10
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	50		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/24 18:10
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	53		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/23/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1974784-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/23/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1974784-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/23/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1974784-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1974784-2 WG1974784-3								
Acenaphthene	60		60		31-137	0		50
1,2,4-Trichlorobenzene	62		61		38-107	2		50
Hexachlorobenzene	62		63		40-140	2		50
Bis(2-chloroethyl)ether	61		61		40-140	0		50
2-Chloronaphthalene	63		63		40-140	0		50
1,2-Dichlorobenzene	60		59		40-140	2		50
1,3-Dichlorobenzene	58		57		40-140	2		50
1,4-Dichlorobenzene	60		59		28-104	2		50
3,3'-Dichlorobenzidine	48		51		40-140	6		50
2,4-Dinitrotoluene	67		71		40-132	6		50
2,6-Dinitrotoluene	69		71		40-140	3		50
Fluoranthene	62		61		40-140	2		50
4-Chlorophenyl phenyl ether	62		62		40-140	0		50
4-Bromophenyl phenyl ether	62		62		40-140	0		50
Bis(2-chloroisopropyl)ether	62		62		40-140	0		50
Bis(2-chloroethoxy)methane	64		64		40-117	0		50
Hexachlorobutadiene	61		59		40-140	3		50
Hexachlorocyclopentadiene	46		46		40-140	0		50
Hexachloroethane	60		59		40-140	2		50
Isophorone	62		63		40-140	2		50
Naphthalene	61		61		40-140	0		50
Nitrobenzene	63		65		40-140	3		50
NDPA/DPA	62		63		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1974784-2 WG1974784-3								
n-Nitrosodi-n-propylamine	62		63		32-121	2		50
Bis(2-ethylhexyl)phthalate	65		65		40-140	0		50
Butyl benzyl phthalate	68		68		40-140	0		50
Di-n-butylphthalate	65		63		40-140	3		50
Di-n-octylphthalate	61		61		40-140	0		50
Diethyl phthalate	62		63		40-140	2		50
Dimethyl phthalate	64		65		40-140	2		50
Benzo(a)anthracene	60		60		40-140	0		50
Benzo(a)pyrene	62		63		40-140	2		50
Benzo(b)fluoranthene	59		61		40-140	3		50
Benzo(k)fluoranthene	62		61		40-140	2		50
Chrysene	59		59		40-140	0		50
Acenaphthylene	62		63		40-140	2		50
Anthracene	61		61		40-140	0		50
Benzo(ghi)perylene	62		62		40-140	0		50
Fluorene	61		62		40-140	2		50
Phenanthrene	59		58		40-140	2		50
Dibenzo(a,h)anthracene	64		63		40-140	2		50
Indeno(1,2,3-cd)pyrene	63		63		40-140	0		50
Pyrene	62		61		35-142	2		50
Biphenyl	65		65		37-127	0		50
4-Chloroaniline	53		52		40-140	2		50
2-Nitroaniline	73		74		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1974784-2 WG1974784-3								
3-Nitroaniline	58		61		26-129	5		50
4-Nitroaniline	68		71		41-125	4		50
Dibenzofuran	61		62		40-140	2		50
2-Methylnaphthalene	63		63		40-140	0		50
1,2,4,5-Tetrachlorobenzene	64		64		40-117	0		50
Acetophenone	66		66		14-144	0		50
2,4,6-Trichlorophenol	66		66		30-130	0		50
p-Chloro-m-cresol	66		67		26-103	2		50
2-Chlorophenol	63		64		25-102	2		50
2,4-Dichlorophenol	66		66		30-130	0		50
2,4-Dimethylphenol	50		51		30-130	2		50
2-Nitrophenol	66		68		30-130	3		50
4-Nitrophenol	68		71		11-114	4		50
2,4-Dinitrophenol	55		60		4-130	9		50
4,6-Dinitro-o-cresol	63		67		10-130	6		50
Pentachlorophenol	63		66		17-109	5		50
Phenol	64		64		26-90	0		50
2-Methylphenol	64		65		30-130.	2		50
3-Methylphenol/4-Methylphenol	64		65		30-130	2		50
2,4,5-Trichlorophenol	68		69		30-130	1		50
Benzoic Acid	37		41		10-110	10		50
Benzyl Alcohol	65		66		40-140	2		50
Carbazole	61		61		54-128	0		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453302**Project Number:** 170859701**Report Date:** 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1974784-2 WG1974784-3								
1,4-Dioxane	60		60		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		66		25-120
Phenol-d6	65		65		10-120
Nitrobenzene-d5	65		66		23-120
2-Fluorobiphenyl	62		63		30-120
2,4,6-Tribromophenol	68		69		10-136
4-Terphenyl-d14	61		62		18-120

PESTICIDES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/23/24 13:18
Analyst: AKM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:02
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.782	0.350	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.712	1	A
Heptachlor	ND		ug/kg	0.939	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.661	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.587	1	A
4,4'-DDE	ND		ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.670	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.86	1	A
cis-Chlordane	ND		ug/kg	2.35	0.654	1	A
trans-Chlordane	ND		ug/kg	2.35	0.620	1	A
Chlordane	ND		ug/kg	15.6	6.22	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/23/24 13:29
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:02
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.350	1	A
Lindane	ND		ug/kg	0.744	0.332	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.677	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.78	0.413	1	A
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	ND		ug/kg	1.78	1.44	1	A
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.37	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/23/24 10:15
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 09/22/24 10:02
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04 Batch: WG1974785-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.788	0.353	A
Aldrin	ND		ug/kg	1.58	0.555	A
Heptachlor epoxide	ND		ug/kg	2.95	0.886	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.689	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.985	0.492	A
4,4'-DDE	ND		ug/kg	1.58	0.364	A
4,4'-DDD	ND		ug/kg	1.58	0.562	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.372	A
Endosulfan II	ND		ug/kg	1.58	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.919	A
Toxaphene	ND		ug/kg	29.5	8.27	A
cis-Chlordane	ND		ug/kg	1.97	0.549	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	13.1	5.22	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/23/24 10:15
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/22/24 10:02
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/23/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04 Batch: WG1974785-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1974785-2 WG1974785-3									
Delta-BHC	77		83		30-150	8		30	A
Lindane	75		80		30-150	6		30	A
Alpha-BHC	77		82		30-150	6		30	A
Beta-BHC	77		84		30-150	9		30	A
Heptachlor	77		82		30-150	6		30	A
Aldrin	76		82		30-150	8		30	A
Heptachlor epoxide	71		81		30-150	13		30	A
Endrin	74		82		30-150	10		30	A
Endrin aldehyde	60		66		30-150	10		30	A
Endrin ketone	64		73		30-150	13		30	A
Dieldrin	81		89		30-150	9		30	A
4,4'-DDE	74		83		30-150	11		30	A
4,4'-DDD	78		86		30-150	10		30	A
4,4'-DDT	68		76		30-150	11		30	A
Endosulfan I	74		81		30-150	9		30	A
Endosulfan II	74		82		30-150	10		30	A
Endosulfan sulfate	68		77		30-150	12		30	A
Methoxychlor	70		83		30-150	17		30	A
cis-Chlordane	72		78		30-150	8		30	A
trans-Chlordane	89		94		30-150	5		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453302**Project Number:** 170859701**Report Date:** 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04 Batch: WG1974785-2 WG1974785-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		72		30-150	A
Decachlorobiphenyl	53		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		73		30-150	B
Decachlorobiphenyl	58		66		30-150	B

METALS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-01
 Client ID: SB05_1-2
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:05
 Date Received: 09/17/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18200		mg/kg	9.12	2.46	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.56	0.347	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Arsenic, Total	4.51		mg/kg	0.912	0.190	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Barium, Total	80.9		mg/kg	0.912	0.159	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.824		mg/kg	0.456	0.030	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.126	J	mg/kg	0.912	0.089	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Calcium, Total	4010		mg/kg	9.12	3.19	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Chromium, Total	27.1		mg/kg	0.912	0.088	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Cobalt, Total	12.9		mg/kg	1.82	0.151	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Copper, Total	26.0		mg/kg	0.912	0.235	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Iron, Total	29000		mg/kg	4.56	0.824	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Lead, Total	12.2		mg/kg	4.56	0.244	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Magnesium, Total	7320		mg/kg	9.12	1.40	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Manganese, Total	516		mg/kg	0.912	0.145	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/21/24 15:20	09/23/24 20:43	EPA 7471B	1,7471B	MJR
Nickel, Total	36.0		mg/kg	2.28	0.221	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Potassium, Total	1380		mg/kg	228	13.1	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.82	0.235	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.456	0.258	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Sodium, Total	65.2	J	mg/kg	182	2.87	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.82	0.287	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Vanadium, Total	29.9		mg/kg	0.912	0.185	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC
Zinc, Total	67.9		mg/kg	4.56	0.267	2	09/21/24 14:00	09/24/24 08:58	EPA 3050B	1,6010D	DMC

General Chemistry - Mansfield Lab

Chromium, Trivalent	26.9	J	mg/kg	0.950	0.190	1		09/25/24 10:41	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
 Client ID: SB05_7-8
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
 Date Received: 09/17/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5800		mg/kg	9.45	2.55	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.72	0.359	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.49		mg/kg	0.945	0.196	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Barium, Total	150		mg/kg	0.945	0.164	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.266	J	mg/kg	0.472	0.031	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.945	0.093	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Calcium, Total	63400		mg/kg	9.45	3.31	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Chromium, Total	9.64		mg/kg	0.945	0.091	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.76		mg/kg	1.89	0.157	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Copper, Total	12.6		mg/kg	0.945	0.244	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Iron, Total	12200		mg/kg	4.72	0.853	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Lead, Total	5.66		mg/kg	4.72	0.253	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Magnesium, Total	21600		mg/kg	9.45	1.46	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Manganese, Total	469		mg/kg	0.945	0.150	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.077	0.050	1	09/21/24 15:20	09/23/24 20:47	EPA 7471B	1,7471B	MJR
Nickel, Total	14.7		mg/kg	2.36	0.229	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Potassium, Total	342		mg/kg	236	13.6	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.89	0.244	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.472	0.267	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Sodium, Total	81.2	J	mg/kg	189	2.98	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.89	0.298	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Vanadium, Total	11.0		mg/kg	0.945	0.192	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC
Zinc, Total	25.4		mg/kg	4.72	0.277	2	09/21/24 14:00	09/24/24 09:02	EPA 3050B	1,6010D	DMC

General Chemistry - Mansfield Lab

Chromium, Trivalent	9.64		mg/kg	0.964	0.193	1		09/25/24 10:41	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-03
 Client ID: SB04_0-1
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:10
 Date Received: 09/17/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6810		mg/kg	9.37	2.53	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.68	0.356	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Arsenic, Total	4.15		mg/kg	0.937	0.195	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Barium, Total	70.8		mg/kg	0.937	0.163	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.364	J	mg/kg	0.468	0.031	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.937	0.092	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Calcium, Total	139000		mg/kg	18.7	6.56	4	09/21/24 14:00	09/24/24 10:22	EPA 3050B	1,6010D	DMC
Chromium, Total	14.2		mg/kg	0.937	0.090	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.49		mg/kg	1.87	0.156	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Copper, Total	20.8		mg/kg	0.937	0.242	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Iron, Total	12800		mg/kg	4.68	0.846	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Lead, Total	39.1		mg/kg	4.68	0.251	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Magnesium, Total	15900		mg/kg	9.37	1.44	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Manganese, Total	348		mg/kg	0.937	0.149	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Mercury, Total	0.163		mg/kg	0.078	0.051	1	09/21/24 15:20	09/23/24 20:50	EPA 7471B	1,7471B	MJR
Nickel, Total	14.0		mg/kg	2.34	0.227	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Potassium, Total	735		mg/kg	234	13.5	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.87	0.242	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.468	0.265	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Sodium, Total	117	J	mg/kg	187	2.95	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.87	0.295	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Vanadium, Total	20.8		mg/kg	0.937	0.190	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
Zinc, Total	114		mg/kg	4.68	0.274	2	09/21/24 14:00	09/24/24 09:06	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14.2		mg/kg	0.974	0.195	1		09/25/24 10:41	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
 Client ID: SB04_8-9
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
 Date Received: 09/17/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4580		mg/kg	8.85	2.39	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.42	0.336	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.04		mg/kg	0.885	0.184	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Barium, Total	106		mg/kg	0.885	0.154	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.208	J	mg/kg	0.442	0.029	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.885	0.087	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Calcium, Total	47000		mg/kg	8.85	3.10	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Chromium, Total	7.58		mg/kg	0.885	0.085	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.35		mg/kg	1.77	0.147	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Copper, Total	12.4		mg/kg	0.885	0.228	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Iron, Total	9820		mg/kg	4.42	0.799	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Lead, Total	4.02	J	mg/kg	4.42	0.237	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Magnesium, Total	18200		mg/kg	8.85	1.36	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Manganese, Total	206		mg/kg	0.885	0.141	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.073	0.047	1	09/21/24 15:20	09/23/24 20:53	EPA 7471B	1,7471B	MJR
Nickel, Total	11.6		mg/kg	2.21	0.214	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Potassium, Total	404		mg/kg	221	12.7	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.77	0.228	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.442	0.250	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Sodium, Total	68.0	J	mg/kg	177	2.79	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.77	0.279	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Vanadium, Total	9.24		mg/kg	0.885	0.180	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
Zinc, Total	22.4		mg/kg	4.42	0.259	2	09/21/24 14:00	09/24/24 09:10	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	7.58		mg/kg	0.928	0.186	1		09/25/24 10:41	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1974555-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Iron, Total	1.14	J	mg/kg	2.00	0.361	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Nickel, Total	0.113	J	mg/kg	1.00	0.097	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/21/24 14:00	09/23/24 12:09	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1974556-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/21/24 15:20	09/23/24 12:57	1,7471B	MJR



Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453302

Project Number: 170859701

Report Date: 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1974555-2								
Aluminum, Total	101		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	105		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	105		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	106		-		80-120	-		
Sodium, Total	102		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453302**Project Number:** 170859701**Report Date:** 09/25/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1974555-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1974556-2					
Mercury, Total	107	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04			QC Batch ID: WG1974555-3			QC Sample: L2454335-01			Client ID: MS Sample			
Aluminum, Total	6960	195	7550	302	Q	-	-		75-125	-		20
Antimony, Total	ND	48.9	49.6	101		-	-		75-125	-		20
Arsenic, Total	1.91	11.7	13.9	102		-	-		75-125	-		20
Barium, Total	5.92	195	207	103		-	-		75-125	-		20
Beryllium, Total	0.340J	4.89	5.54	113		-	-		75-125	-		20
Cadmium, Total	ND	5.18	5.30	102		-	-		75-125	-		20
Calcium, Total	320	977	1350	105		-	-		75-125	-		20
Chromium, Total	12.0	19.5	32.6	105		-	-		75-125	-		20
Cobalt, Total	3.12	48.9	54.6	105		-	-		75-125	-		20
Copper, Total	6.88	24.4	33.1	107		-	-		75-125	-		20
Iron, Total	9580	97.7	8940	0	Q	-	-		75-125	-		20
Lead, Total	4.80J	51.8	58.3	112		-	-		75-125	-		20
Magnesium, Total	2160	977	3330	120		-	-		75-125	-		20
Manganese, Total	67.0	48.9	126	121		-	-		75-125	-		20
Nickel, Total	14.3	48.9	65.9	106		-	-		75-125	-		20
Potassium, Total	567	977	1650	111		-	-		75-125	-		20
Selenium, Total	ND	11.7	11.8	100		-	-		75-125	-		20
Silver, Total	ND	4.89	5.32	109		-	-		75-125	-		20
Sodium, Total	174J	977	1190	122		-	-		75-125	-		20
Thallium, Total	ND	11.7	12.2	104		-	-		75-125	-		20
Vanadium, Total	13.7	48.9	66.4	108		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974555-3 QC Sample: L2454335-01 Client ID: MS Sample									
Zinc, Total	20.2	48.9	75.1	112	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974556-3 QC Sample: L2454335-01 Client ID: MS Sample									
Mercury, Total	ND	1.57	1.67	106	-	-	80-120	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2453302

Report Date: 09/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974555-4 QC Sample: L2454335-01 Client ID: DUP Sample						
Aluminum, Total	6960	7490	mg/kg	7		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.91	1.80	mg/kg	6		20
Barium, Total	5.92	6.39	mg/kg	8		20
Beryllium, Total	0.340J	0.372J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	320	375	mg/kg	16		20
Chromium, Total	12.0	14.3	mg/kg	17		20
Cobalt, Total	3.12	2.95	mg/kg	6		20
Copper, Total	6.88	6.65	mg/kg	3		20
Iron, Total	9580	9340	mg/kg	3		20
Lead, Total	4.80J	4.38J	mg/kg	NC		20
Magnesium, Total	2160	2160	mg/kg	0		20
Manganese, Total	67.0	65.6	mg/kg	2		20
Nickel, Total	14.3	15.9	mg/kg	11		20
Potassium, Total	567	578	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	174J	203	mg/kg	NC		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2453302
Report Date: 09/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974555-4 QC Sample: L2454335-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	13.7	14.2	mg/kg	4	20
Zinc, Total	20.2	19.9	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974556-4 QC Sample: L2454335-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2453302
Report Date: 09/25/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1974555-6 QC Sample: L2454335-01 Client ID: DUP Sample						
Aluminum, Total	6960	7210	mg/kg	4		20
Calcium, Total	320	334	mg/kg	4		20
Iron, Total	9580	10100	mg/kg	5		20
Magnesium, Total	2160	2190	mg/kg	1		20
Manganese, Total	67.0	68.3	mg/kg	2		20

INORGANICS & MISCELLANEOUS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-01
Client ID: SB05_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:05
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	09/18/24 14:03	121,2540G	ROI
Chromium, Hexavalent	0.238	J	mg/kg	0.950	0.190	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-02
Client ID: SB05_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 13:35
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	09/18/24 14:03	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.964	0.193	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-03
Client ID: SB04_0-1
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:10
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	09/18/24 14:03	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.974	0.195	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

SAMPLE RESULTS

Lab ID: L2453302-04
Client ID: SB04_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/17/24 14:45
Date Received: 09/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	09/18/24 14:03	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.928	0.186	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHII**Lab Number:** L2453302**Project Number:** 170859701**Report Date:** 09/25/24**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1975661-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Project Number:** 170859701**Lab Number:** L2453302**Report Date:** 09/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1975661-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1975661-4 QC Sample: L2453635-01 Client ID: MS Sample												
Chromium, Hexavalent	ND	1260	1180	94		-	-		75-125	-		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2453302
Report Date: 09/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1973050-1 QC Sample: L2453065-01 Client ID: DUP Sample						
Solids, Total	89.8	89.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1975661-6 QC Sample: L2453635-01 Client ID: DUP Sample						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No:09252414:58
Lab Number: L2453302
Report Date: 09/25/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2453302-01A	Vial MeOH preserved	A	NA		4.5	Y	Absent		HOLD-8260HLW(14)
L2453302-01B	Vial water preserved	A	NA		4.5	Y	Absent	18-SEP-24 08:48	HOLD-8260HLW(14)
L2453302-01C	Vial water preserved	A	NA		4.5	Y	Absent	18-SEP-24 08:48	HOLD-8260HLW(14)
L2453302-01D	Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L2453302-01E	Plastic 60ml unpreserved	A	NA		4.5	Y	Absent		TS(7)
L2453302-01F	Plastic 120ml unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2453302-01G	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14)
L2453302-01H	Plastic 8oz unpreserved	A	N/A	N/A	4.5	Y	Absent		HOLD-1633(90)
L2453302-01I	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14)
L2453302-01J	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		SUB-ASBESTOS()
L2453302-02A	Vial MeOH preserved	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2453302-02B	Vial water preserved	A	NA		4.5	Y	Absent	18-SEP-24 08:48	NYTCL-8260HLW(14)
L2453302-02C	Vial water preserved	A	NA		4.5	Y	Absent	18-SEP-24 08:48	NYTCL-8260HLW(14)
L2453302-02D	Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L2453302-02E	Plastic 60ml unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2453302-02F	Plastic 120ml unpreserved	A	NA		4.5	Y	Absent		TS(7)
L2453302-02G	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14)
L2453302-02H	Plastic 8oz unpreserved	A	N/A	N/A	4.5	Y	Absent		HOLD-1633(90)

*Values in parentheses indicate holding time in days

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No:09252414:58
Lab Number: L2453302
Report Date: 09/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2453302-02I	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14)
L2453302-03A	Vial MeOH preserved	A	NA		4.5	Y	Absent		HOLD-8260HLW(14)
L2453302-03B	Vial water preserved	A	NA		4.5	Y	Absent	18-SEP-24 08:48	HOLD-8260HLW(14)
L2453302-03C	Vial water preserved	A	NA		4.5	Y	Absent	18-SEP-24 08:48	HOLD-8260HLW(14)
L2453302-03D	Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L2453302-03E	Plastic 60ml unpreserved	A	NA		4.5	Y	Absent		TS(7)
L2453302-03F	Plastic 120ml unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2453302-03G	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14)
L2453302-03H	Plastic 8oz unpreserved	A	N/A	N/A	4.5	Y	Absent		HOLD-1633(90)
L2453302-03I	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14)
L2453302-03J	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		SUB-ASBESTOS()
L2453302-04A	Vial MeOH preserved	A	NA		4.5	Y	Absent		NYTCL-8260HLW(14)
L2453302-04B	Vial water preserved	A	NA		4.5	Y	Absent	18-SEP-24 08:48	NYTCL-8260HLW(14)
L2453302-04C	Vial water preserved	A	NA		4.5	Y	Absent	18-SEP-24 08:48	NYTCL-8260HLW(14)
L2453302-04D	Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		HEXCR-7196(30)
L2453302-04E	Plastic 60ml unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2453302-04F	Plastic 120ml unpreserved	A	NA		4.5	Y	Absent		TS(7)
L2453302-04G	Glass 120ml/4oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14)
L2453302-04H	Plastic 8oz unpreserved	A	N/A	N/A	4.5	Y	Absent		HOLD-1633(90)
L2453302-04I	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),NYTCL-8081(14)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Footnotes

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

Terms

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

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453302
Report Date: 09/25/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 21

Published Date: 04/17/2024

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

ALPHA Job #
L2453302

Page 79 of 80

EAS Batch No. 2406468

Eastern Analytical Services, Inc.

Page 1 of 1

Bulk Sample Results

RE: CPN L2453302

Date Collected : 09/17/2024

Collected By : Ben Rao

Date Received : 09/19/2024

Date Analyzed : 09/24/2024

Analyzed By : George Htay

Signature :

Analytical Method : NYS-DOH 198.1

NVLAP Lab Code : 101646-0 (Testing)

NYS Lab No. 10851

Paul Stascavage , Lab DirectorClient: Alpha Analytical
8 Walkup Drive
Westborough, MA 01581

Sample ID Number SB05_1-2 SB04_0-1

Layer Number

Lab ID Number 3036246 3036247

Sample Location Not Given Not Given

Sample Description Soil Soil

Method of Quantification Scanning Option Scanning Option

Appearance	Layered	No	No
	Homogenous	No	No
	Fibrous	No	Yes
	Color	Brown/Gray	Brown/Gray

Sample Treatment Homogenized Homogenized

Asbestos	% Amosite	ND	ND
Content	% Chrysotile	ND	ND
	% Other	ND	ND
	% Total Asbestos	ND	ND

Other Fibrous	% Fibrous Glass	ND	ND
Materials	% Cellulose	ND	5.0
Present	% Other	ND	ND
	% Unidentified	ND	ND

Non-Fibrous	% Silicates	40.0	50.0
Materials	% Carbonates	20.0	10.0
Present	% Other	ND	ND
	% Unidentified	40.0	35.0

Results Applicable To Those Items Tested. Report Cannot be Reproduced, Except Entirely, Without Written Approval of the Laboratory. ND = Not Detected. Reporting Limit is <1%.

Liability Limited To Cost Of Analysis. This Report Must Not be Used by the Client to Claim Product Endorsement by NVLAP or Any Agency of the US Government.

These Results Can Not Be Used To Claim That NOB Items Tested Are Non-Asbestos Containing. Overall Lab Accuracy $\pm$ 17%. Samples received in acceptable condition unless otherwise noted.

AIHA LAP, LLC No. 100263 Rhode Island DOH No. AAL-072 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AL-709936

JOB: L2453635 REPORT STYLE: Data Usability Report
0010: Alpha Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0100: Volatiles Cover Page - OK
0110: Volatiles Sample Results - OK
0120: Volatiles Method Blank Report - OK
0130: Volatiles LCS Report - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
0900: Pesticides Cover Page - OK
0910: Pesticides Sample Results - OK
0920: Pesticides Method Blank Report - OK
0930: Pesticides LCS Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1050: Metals Duplicate Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1210: Wet Chemistry Method Blank Report - OK
1220: Wet Chemistry LCS Report - OK
1240: Wet Chemistry Matrix Spike Report - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5200: Glossary - OK
5400: References - OK

No results found for sample L2453635-04 for product A2-NY-1633



ANALYTICAL REPORT

Lab Number:	L2453635
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	EAST ADAMS REDEVELOPMENT PHIII
Project Number:	170859701
Report Date:	09/30/24

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

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



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2453635-01	SB10_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/18/24 09:40	09/18/24
L2453635-02	SB10_8-9	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/18/24 10:10	09/18/24
L2453635-03	SB03_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/18/24 11:00	09/18/24
L2453635-04	SB03_6-7	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/18/24 11:15	09/18/24
L2453635-05	SB06_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/18/24 14:20	09/18/24
L2453635-06	SB06_5-6	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/18/24 14:40	09/18/24

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Case Narrative

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

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

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

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

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Case Narrative (continued)

Report Submission

September 30, 2024: 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 WG1976494-2/-3 LCS/LCSD recoveries, associated with L2453635-01 through -06, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2453635-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1974889-3 MS recoveries for aluminum (130%), calcium (2400%), iron (0%), magnesium (2050%) and manganese (229%), performed on L2453635-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1974889-3 MS recoveries, performed on L2453635-01, are outside the acceptance criteria for cadmium (70%), lead (56%) and zinc (65%). A post digestion spike was performed and yielded unacceptable recoveries for cadmium (70%), lead (70%) and zinc (70%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1974889-3 MS recoveries, performed on L2453635-01, are outside the acceptance criteria for antimony (72%), potassium (126%) and sodium (128%). Post digestion spikes were performed and were within acceptance criteria.

The WG1974889-4 Laboratory Duplicate RPD for barium (21%), performed on L2453635-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Case Narrative (continued)

sample.

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

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 09/30/24

ORGANICS

VOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/24 11:09
Analyst: LAC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/24 03:30
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	8.4	J	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	134	Q	70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	123		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/24 03:56
Analyst: JIC
Percent Solids: 82%

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

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	132	Q	70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	123		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/25/24 09:22
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1976187-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/25/24 09:22
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1976187-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/25/24 09:22
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1976187-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/24/24 23:37
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1976202-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/24/24 23:37
 Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1976202-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/24 23:37
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1976202-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1976187-3 WG1976187-4								
Methylene chloride	86		83		70-130	4		30
1,1-Dichloroethane	95		90		70-130	5		30
Chloroform	92		88		70-130	4		30
Carbon tetrachloride	92		87		70-130	6		30
1,2-Dichloropropane	92		89		70-130	3		30
Dibromochloromethane	93		91		70-130	2		30
1,1,2-Trichloroethane	98		94		70-130	4		30
Tetrachloroethene	108		101		70-130	7		30
Chlorobenzene	99		94		70-130	5		30
Trichlorofluoromethane	102		98		70-139	4		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	96		90		70-130	6		30
Bromodichloromethane	89		86		70-130	3		30
trans-1,3-Dichloropropene	94		91		70-130	3		30
cis-1,3-Dichloropropene	91		88		70-130	3		30
1,1-Dichloropropene	99		93		70-130	6		30
Bromoform	85		82		70-130	4		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	94		90		70-130	4		30
Toluene	86		82		70-130	5		30
Ethylbenzene	100		96		70-130	4		30
Chloromethane	88		82		52-130	7		30
Bromomethane	123		116		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1976187-3 WG1976187-4								
Vinyl chloride	104		99		67-130	5		30
Chloroethane	115		108		50-151	6		30
1,1-Dichloroethene	100		97		65-135	3		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	96		92		70-130	4		30
1,2-Dichlorobenzene	99		96		70-130	3		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	78		75		66-130	4		30
p/m-Xylene	102		99		70-130	3		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	90		87		70-130	3		30
Dibromomethane	87		84		70-130	4		30
Styrene	102		98		70-130	4		30
Dichlorodifluoromethane	80		76		30-146	5		30
Acetone	79		74		54-140	7		30
Carbon disulfide	98		94		59-130	4		30
2-Butanone	81		77		70-130	5		30
Vinyl acetate	91		84		70-130	8		30
4-Methyl-2-pentanone	79		77		70-130	3		30
1,2,3-Trichloropropane	92		87		68-130	6		30
2-Hexanone	74		69	Q	70-130	7		30
Bromochloromethane	90		86		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1976187-3 WG1976187-4								
2,2-Dichloropropane	91		86		70-130	6		30
1,2-Dibromoethane	97		94		70-130	3		30
1,3-Dichloropropane	97		94		69-130	3		30
1,1,1,2-Tetrachloroethane	97		95		70-130	2		30
Bromobenzene	95		92		70-130	3		30
n-Butylbenzene	109		104		70-130	5		30
sec-Butylbenzene	104		100		70-130	4		30
tert-Butylbenzene	100		95		70-130	5		30
o-Chlorotoluene	100		95		70-130	5		30
p-Chlorotoluene	99		95		70-130	4		30
1,2-Dibromo-3-chloropropane	83		80		68-130	4		30
Hexachlorobutadiene	102		98		67-130	4		30
Isopropylbenzene	101		95		70-130	6		30
p-Isopropyltoluene	104		99		70-130	5		30
Naphthalene	90		88		70-130	2		30
Acrylonitrile	95		92		70-130	3		30
n-Propylbenzene	104		98		70-130	6		30
1,2,3-Trichlorobenzene	99		96		70-130	3		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	100		95		70-130	5		30
1,2,4-Trimethylbenzene	99		96		70-130	3		30
1,4-Dioxane	73		72		65-136	1		30
p-Diethylbenzene	105		100		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1976187-3 WG1976187-4								
p-Ethyltoluene	101		97		70-130	4		30
1,2,4,5-Tetramethylbenzene	99		96		70-130	3		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	96		92		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	93		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1976202-3 WG1976202-4								
Methylene chloride	103		95		70-130	8		30
1,1-Dichloroethane	107		98		70-130	9		30
Chloroform	104		96		70-130	8		30
Carbon tetrachloride	102		92		70-130	10		30
1,2-Dichloropropane	99		92		70-130	7		30
Dibromochloromethane	100		94		70-130	6		30
1,1,2-Trichloroethane	102		94		70-130	8		30
Tetrachloroethene	105		96		70-130	9		30
Chlorobenzene	100		93		70-130	7		30
Trichlorofluoromethane	124		117		70-139	6		30
1,2-Dichloroethane	110		100		70-130	10		30
1,1,1-Trichloroethane	112		100		70-130	11		30
Bromodichloromethane	101		94		70-130	7		30
trans-1,3-Dichloropropene	101		95		70-130	6		30
cis-1,3-Dichloropropene	97		90		70-130	7		30
1,1-Dichloropropene	109		97		70-130	12		30
Bromoform	100		93		70-130	7		30
1,1,2,2-Tetrachloroethane	105		93		70-130	12		30
Benzene	102		92		70-130	10		30
Toluene	106		97		70-130	9		30
Ethylbenzene	104		94		70-130	10		30
Chloromethane	107		94		52-130	13		30
Bromomethane	176	Q	152	Q	57-147	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1976202-3 WG1976202-4								
Vinyl chloride	116		100		67-130	15		30
Chloroethane	125		114		50-151	9		30
1,1-Dichloroethene	100		90		65-135	11		30
trans-1,2-Dichloroethene	100		90		70-130	11		30
Trichloroethene	101		95		70-130	6		30
1,2-Dichlorobenzene	98		92		70-130	6		30
1,3-Dichlorobenzene	103		96		70-130	7		30
1,4-Dichlorobenzene	100		93		70-130	7		30
Methyl tert butyl ether	104		96		66-130	8		30
p/m-Xylene	104		95		70-130	9		30
o-Xylene	102		94		70-130	8		30
cis-1,2-Dichloroethene	97		88		70-130	10		30
Dibromomethane	98		92		70-130	6		30
Styrene	109		100		70-130	9		30
Dichlorodifluoromethane	86		77		30-146	11		30
Acetone	107		86		54-140	22		30
Carbon disulfide	96		87		59-130	10		30
2-Butanone	103		91		70-130	12		30
Vinyl acetate	159	Q	124		70-130	25		30
4-Methyl-2-pentanone	95		88		70-130	8		30
1,2,3-Trichloropropane	103		95		68-130	8		30
2-Hexanone	98		93		70-130	5		30
Bromochloromethane	98		90		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1976202-3 WG1976202-4								
2,2-Dichloropropane	106		94		70-130	12		30
1,2-Dibromoethane	101		92		70-130	9		30
1,3-Dichloropropane	100		93		69-130	7		30
1,1,1,2-Tetrachloroethane	102		97		70-130	5		30
Bromobenzene	94		86		70-130	9		30
n-Butylbenzene	112		102		70-130	9		30
sec-Butylbenzene	104		95		70-130	9		30
tert-Butylbenzene	98		90		70-130	9		30
o-Chlorotoluene	102		100		70-130	2		30
p-Chlorotoluene	102		95		70-130	7		30
1,2-Dibromo-3-chloropropane	86		81		68-130	6		30
Hexachlorobutadiene	89		82		67-130	8		30
Isopropylbenzene	102		92		70-130	10		30
p-Isopropyltoluene	102		93		70-130	9		30
Naphthalene	88		82		70-130	7		30
Acrylonitrile	118		110		70-130	7		30
n-Propylbenzene	108		98		70-130	10		30
1,2,3-Trichlorobenzene	94		89		70-130	5		30
1,2,4-Trichlorobenzene	94		90		70-130	4		30
1,3,5-Trimethylbenzene	102		94		70-130	8		30
1,2,4-Trimethylbenzene	99		91		70-130	8		30
1,4-Dioxane	87		78		65-136	11		30
p-Diethylbenzene	101		94		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1976202-3 WG1976202-4								
p-Ethyltoluene	104		94		70-130	10		30
1,2,4,5-Tetramethylbenzene	94		87		70-130	8		30
Ethyl ether	108		99		67-130	9		30
trans-1,4-Dichloro-2-butene	122		118		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		117		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	92		90		70-130
Dibromofluoromethane	108		107		70-130

SEMIVOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-01
Client ID: SB10_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 09:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 09:12
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	19	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	520		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	22	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	79	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-01
Client ID: SB10_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 09:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	240		ug/kg	100	20.	1
Benzo(a)pyrene	220		ug/kg	140	43.	1
Benzo(b)fluoranthene	290		ug/kg	100	30.	1
Benzo(k)fluoranthene	100		ug/kg	100	28.	1
Chrysene	240		ug/kg	100	18.	1
Acenaphthylene	56	J	ug/kg	140	27.	1
Anthracene	72	J	ug/kg	100	34.	1
Benzo(ghi)perylene	150		ug/kg	140	21.	1
Fluorene	25	J	ug/kg	180	17.	1
Phenanthrene	260		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	39	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	150		ug/kg	140	24.	1
Pyrene	430		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	17	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-01
Client ID: SB10_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 09:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	31	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	74		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 09:36
Analyst: JG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	76	J	ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	42	J	ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	49	J	ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	40	J	ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	28	J	ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	42	J	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	68	J	ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	79.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	75		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-03
Client ID: SB03_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 07:36
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-03
Client ID: SB03_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-03
Client ID: SB03_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	82		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 06:00
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	78	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	43	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	51	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	38	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	27	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	39	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	26	J	ug/kg	140	25.	1
Pyrene	68	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	93		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-05
Client ID: SB06_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:20
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 04:24
Analyst: JG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-05
Client ID: SB06_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:20
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-05
Client ID: SB06_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:20
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	104		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 04:48
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	82		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/24 00:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1976494-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/24 00:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1976494-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/24 00:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1976494-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	101		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2453635

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1976494-2 WG1976494-3								
Acenaphthene	82		78		31-137	5		50
1,2,4-Trichlorobenzene	85		85		38-107	0		50
Hexachlorobenzene	90		88		40-140	2		50
Bis(2-chloroethyl)ether	70		70		40-140	0		50
2-Chloronaphthalene	86		84		40-140	2		50
1,2-Dichlorobenzene	76		75		40-140	1		50
1,3-Dichlorobenzene	75		74		40-140	1		50
1,4-Dichlorobenzene	76		74		28-104	3		50
3,3'-Dichlorobenzidine	78		71		40-140	9		50
2,4-Dinitrotoluene	97		91		40-132	6		50
2,6-Dinitrotoluene	108		105		40-140	3		50
Fluoranthene	98		93		40-140	5		50
4-Chlorophenyl phenyl ether	94		89		40-140	5		50
4-Bromophenyl phenyl ether	103		96		40-140	7		50
Bis(2-chloroisopropyl)ether	62		64		40-140	3		50
Bis(2-chloroethoxy)methane	80		78		40-117	3		50
Hexachlorobutadiene	96		97		40-140	1		50
Hexachlorocyclopentadiene	78		80		40-140	3		50
Hexachloroethane	75		74		40-140	1		50
Isophorone	84		80		40-140	5		50
Naphthalene	80		80		40-140	0		50
Nitrobenzene	83		82		40-140	1		50
NDPA/DPA	90		86		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2453635

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1976494-2 WG1976494-3								
n-Nitrosodi-n-propylamine	79		77		32-121	3		50
Bis(2-ethylhexyl)phthalate	96		90		40-140	6		50
Butyl benzyl phthalate	107		100		40-140	7		50
Di-n-butylphthalate	100		96		40-140	4		50
Di-n-octylphthalate	94		88		40-140	7		50
Diethyl phthalate	91		87		40-140	4		50
Dimethyl phthalate	99		94		40-140	5		50
Benzo(a)anthracene	87		82		40-140	6		50
Benzo(a)pyrene	86		81		40-140	6		50
Benzo(b)fluoranthene	87		81		40-140	7		50
Benzo(k)fluoranthene	82		77		40-140	6		50
Chrysene	81		77		40-140	5		50
Acenaphthylene	88		86		40-140	2		50
Anthracene	87		83		40-140	5		50
Benzo(ghi)perylene	86		81		40-140	6		50
Fluorene	85		83		40-140	2		50
Phenanthrene	84		79		40-140	6		50
Dibenzo(a,h)anthracene	87		82		40-140	6		50
Indeno(1,2,3-cd)pyrene	91		88		40-140	3		50
Pyrene	97		91		35-142	6		50
Biphenyl	90		87		37-127	3		50
4-Chloroaniline	56		55		40-140	2		50
2-Nitroaniline	111		106		47-134	5		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1976494-2 WG1976494-3								
3-Nitroaniline	85		81		26-129	5		50
4-Nitroaniline	96		92		41-125	4		50
Dibenzofuran	82		79		40-140	4		50
2-Methylnaphthalene	92		87		40-140	6		50
1,2,4,5-Tetrachlorobenzene	114		110		40-117	4		50
Acetophenone	87		86		14-144	1		50
2,4,6-Trichlorophenol	102		100		30-130	2		50
p-Chloro-m-cresol	93		89		26-103	4		50
2-Chlorophenol	87		87		25-102	0		50
2,4-Dichlorophenol	95		92		30-130	3		50
2,4-Dimethylphenol	80		79		30-130	1		50
2-Nitrophenol	109		106		30-130	3		50
4-Nitrophenol	96		91		11-114	5		50
2,4-Dinitrophenol	42		31		4-130	30		50
4,6-Dinitro-o-cresol	107		97		10-130	10		50
Pentachlorophenol	63		58		17-109	8		50
Phenol	83		80		26-90	4		50
2-Methylphenol	87		84		30-130	4		50
3-Methylphenol/4-Methylphenol	87		84		30-130	4		50
2,4,5-Trichlorophenol	106		100		30-130	6		50
Benzoic Acid	0	Q	0	Q	10-110	NC		50
Benzyl Alcohol	88		86		40-140	2		50
Carbazole	86		81		54-128	6		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453635**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1976494-2 WG1976494-3								
1,4-Dioxane	53		50		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		86		25-120
Phenol-d6	90		88		10-120
Nitrobenzene-d5	87		85		23-120
2-Fluorobiphenyl	93		90		30-120
2,4,6-Tribromophenol	93		90		10-136
4-Terphenyl-d14	103		97		18-120

PESTICIDES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/27/24 15:52
Analyst: AKM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:06
Cleanup Method: EPA 3620B
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.390	1	A
Lindane	ND		ug/kg	0.830	0.371	1	A
Alpha-BHC	ND		ug/kg	0.830	0.236	1	A
Beta-BHC	ND		ug/kg	1.99	0.756	1	A
Heptachlor	ND		ug/kg	0.996	0.447	1	A
Aldrin	ND		ug/kg	1.99	0.702	1	A
Heptachlor epoxide	ND		ug/kg	3.74	1.12	1	A
Endrin	ND		ug/kg	0.830	0.340	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.872	1	A
Endrin ketone	ND		ug/kg	1.99	0.513	1	A
Dieldrin	ND		ug/kg	1.24	0.623	1	A
4,4'-DDE	0.692	J	ug/kg	1.99	0.461	1	B
4,4'-DDD	ND		ug/kg	1.99	0.711	1	A
4,4'-DDT	ND	IP	ug/kg	1.99	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.471	1	A
Endosulfan II	ND		ug/kg	1.99	0.666	1	A
Endosulfan sulfate	ND		ug/kg	0.830	0.395	1	A
Methoxychlor	ND		ug/kg	3.74	1.16	1	A
Toxaphene	ND		ug/kg	37.4	10.5	1	A
cis-Chlordane	ND		ug/kg	2.49	0.694	1	A
trans-Chlordane	ND		ug/kg	2.49	0.658	1	A
Chlordane	ND		ug/kg	16.6	6.60	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/27/24 15:30
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:06
Cleanup Method: EPA 3620B
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND	IP	ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND	IP	ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.14	0.979	1	A
Toxaphene	ND		ug/kg	31.4	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	B
trans-Chlordane	ND	IP	ug/kg	2.10	0.554	1	B
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/27/24 15:41
Analyst: AKM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:06
Cleanup Method: EPA 3620B
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.369	1	A
Lindane	ND		ug/kg	0.785	0.351	1	A
Alpha-BHC	ND		ug/kg	0.785	0.223	1	A
Beta-BHC	ND		ug/kg	1.88	0.714	1	A
Heptachlor	ND		ug/kg	0.942	0.422	1	A
Aldrin	ND		ug/kg	1.88	0.663	1	A
Heptachlor epoxide	ND		ug/kg	3.53	1.06	1	A
Endrin	ND		ug/kg	0.785	0.322	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.824	1	A
Endrin ketone	ND		ug/kg	1.88	0.485	1	A
Dieldrin	ND		ug/kg	1.18	0.589	1	A
4,4'-DDE	ND		ug/kg	1.88	0.436	1	A
4,4'-DDD	ND		ug/kg	1.88	0.672	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.445	1	A
Endosulfan II	ND		ug/kg	1.88	0.629	1	A
Endosulfan sulfate	ND		ug/kg	0.785	0.374	1	A
Methoxychlor	ND		ug/kg	3.53	1.10	1	A
Toxaphene	ND		ug/kg	35.3	9.89	1	A
cis-Chlordane	ND		ug/kg	2.35	0.656	1	A
trans-Chlordane	ND	IP	ug/kg	2.35	0.622	1	B
Chlordane	ND		ug/kg	15.7	6.24	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/27/24 14:33
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/26/24 07:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/27/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04,06 Batch: WG1976496-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.763	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.954	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.544	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.890	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/27/24 14:33
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/26/24 07:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/27/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04,06 Batch: WG1976496-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1976496-2 WG1976496-3									
Delta-BHC	69		70		30-150	1		30	A
Lindane	67		71		30-150	6		30	A
Alpha-BHC	67		73		30-150	9		30	A
Beta-BHC	68		72		30-150	6		30	A
Heptachlor	69		74		30-150	7		30	A
Aldrin	69		74		30-150	7		30	A
Heptachlor epoxide	53		57		30-150	7		30	A
Endrin	74		78		30-150	5		30	A
Endrin aldehyde	59		63		30-150	7		30	A
Endrin ketone	75		80		30-150	6		30	A
Dieldrin	75		80		30-150	6		30	A
4,4'-DDE	70		74		30-150	6		30	A
4,4'-DDD	76		81		30-150	6		30	A
4,4'-DDT	74		78		30-150	5		30	A
Endosulfan I	69		73		30-150	6		30	A
Endosulfan II	75		77		30-150	3		30	A
Endosulfan sulfate	69		73		30-150	6		30	A
Methoxychlor	79		83		30-150	5		30	A
cis-Chlordane	66		71		30-150	7		30	A
trans-Chlordane	85		91		30-150	7		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453635**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1976496-2 WG1976496-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		66		30-150	A
Decachlorobiphenyl	53		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		66		30-150	B
Decachlorobiphenyl	63		68		30-150	B

METALS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-01
 Client ID: SB10_1-2
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 09:40
 Date Received: 09/18/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6940		mg/kg	16.7	4.50	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Antimony, Total	0.976	J	mg/kg	8.34	0.634	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Arsenic, Total	4.82		mg/kg	1.67	0.347	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Barium, Total	109		mg/kg	1.67	0.290	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.260	J	mg/kg	0.834	0.055	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	1.67	0.163	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Calcium, Total	90600		mg/kg	16.7	5.84	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Chromium, Total	14.4		mg/kg	1.67	0.160	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.04		mg/kg	3.34	0.277	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Copper, Total	33.0		mg/kg	1.67	0.430	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Iron, Total	13700		mg/kg	8.34	1.50	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Lead, Total	129		mg/kg	8.34	0.447	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Magnesium, Total	28000		mg/kg	16.7	2.57	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Manganese, Total	342		mg/kg	1.67	0.265	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.070	0.046	1	09/25/24 01:16	09/25/24 09:53	EPA 7471B	1,7471B	JWN
Nickel, Total	15.0		mg/kg	4.17	0.404	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Potassium, Total	683		mg/kg	417	24.0	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Selenium, Total	0.629	J	mg/kg	3.34	0.430	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.834	0.472	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Sodium, Total	108	J	mg/kg	334	5.25	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	3.34	0.525	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Vanadium, Total	18.1		mg/kg	1.67	0.338	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
Zinc, Total	98.3		mg/kg	8.34	0.489	4	09/25/24 00:11	09/25/24 15:38	EPA 3050B	1,6010D	CEY
General Chemistry - Mansfield Lab											
Chromium, Trivalent	14.4		mg/kg	1.67	0.171	1		09/25/24 15:38	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
 Client ID: SB10_8-9
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
 Date Received: 09/18/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9700		mg/kg	19.3	5.22	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	9.66	0.734	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Arsenic, Total	4.50		mg/kg	1.93	0.402	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Barium, Total	54.2		mg/kg	1.93	0.336	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.318	J	mg/kg	0.966	0.064	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	1.93	0.189	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Calcium, Total	110000		mg/kg	19.3	6.76	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Chromium, Total	17.2		mg/kg	1.93	0.186	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Cobalt, Total	7.48		mg/kg	3.87	0.321	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Copper, Total	24.3		mg/kg	1.93	0.499	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Iron, Total	19500		mg/kg	9.66	1.74	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Lead, Total	7.26	J	mg/kg	9.66	0.518	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Magnesium, Total	57900		mg/kg	19.3	2.98	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Manganese, Total	544		mg/kg	1.93	0.307	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.092	0.060	1	09/25/24 01:16	09/25/24 11:02	EPA 7471B	1,7471B	JWN
Nickel, Total	20.1		mg/kg	4.83	0.468	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Potassium, Total	1080		mg/kg	483	27.8	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	3.87	0.499	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.966	0.547	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Sodium, Total	199	J	mg/kg	387	6.09	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	3.87	0.609	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Vanadium, Total	15.0		mg/kg	1.93	0.392	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY
Zinc, Total	32.2		mg/kg	9.66	0.566	4	09/25/24 00:11	09/25/24 16:11	EPA 3050B	1,6010D	CEY

General Chemistry - Mansfield Lab

Chromium, Trivalent	16.3	J	mg/kg	1.93	0.205	1		09/25/24 16:11	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453635**Project Number:** 170859701**Report Date:** 09/30/24**SAMPLE RESULTS**

Lab ID: L2453635-03

Date Collected: 09/18/24 11:00

Client ID: SB03_1-2

Date Received: 09/18/24

Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7900		mg/kg	17.3	4.68	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Antimony, Total	0.677	J	mg/kg	8.66	0.658	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Arsenic, Total	4.10		mg/kg	1.73	0.360	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Barium, Total	44.3		mg/kg	1.73	0.301	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.331	J	mg/kg	0.866	0.057	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	1.73	0.170	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Calcium, Total	94900		mg/kg	17.3	6.06	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Chromium, Total	17.4		mg/kg	1.73	0.166	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Cobalt, Total	5.90		mg/kg	3.46	0.287	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Copper, Total	16.7		mg/kg	1.73	0.447	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Iron, Total	14100		mg/kg	8.66	1.56	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Lead, Total	15.9		mg/kg	8.66	0.464	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Magnesium, Total	45600		mg/kg	17.3	2.67	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Manganese, Total	294		mg/kg	1.73	0.275	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Mercury, Total	0.096		mg/kg	0.072	0.047	1	09/25/24 01:16	09/25/24 11:05	EPA 7471B	1,7471B	JWN
Nickel, Total	15.8		mg/kg	4.33	0.419	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Potassium, Total	926		mg/kg	433	24.9	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Selenium, Total	0.548	J	mg/kg	3.46	0.447	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.866	0.490	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Sodium, Total	143	J	mg/kg	346	5.45	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	3.46	0.545	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Vanadium, Total	15.7		mg/kg	1.73	0.352	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY
Zinc, Total	29.8		mg/kg	8.66	0.507	4	09/25/24 00:11	09/25/24 16:17	EPA 3050B	1,6010D	CEY

General Chemistry - Mansfield Lab

Chromium, Trivalent	17.4		mg/kg	1.73	0.179	1		09/25/24 16:17	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
 Client ID: SB03_6-7
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
 Date Received: 09/18/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3740		mg/kg	43.0	11.6	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Antimony, Total	2.75	J	mg/kg	21.5	1.63	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Arsenic, Total	2.98	J	mg/kg	4.30	0.894	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Barium, Total	51.3		mg/kg	4.30	0.748	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Beryllium, Total	ND		mg/kg	2.15	0.142	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	4.30	0.421	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Calcium, Total	189000		mg/kg	43.0	15.0	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Chromium, Total	7.28		mg/kg	4.30	0.412	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Cobalt, Total	5.46	J	mg/kg	8.59	0.713	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Copper, Total	18.2		mg/kg	4.30	1.11	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Iron, Total	10100		mg/kg	21.5	3.88	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Lead, Total	6.65	J	mg/kg	21.5	1.15	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Magnesium, Total	59900		mg/kg	43.0	6.62	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Manganese, Total	476		mg/kg	4.30	0.683	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.079	0.051	1	09/25/24 01:16	09/25/24 11:09	EPA 7471B	1,7471B	JWN
Nickel, Total	11.5		mg/kg	10.7	1.04	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Potassium, Total	433	J	mg/kg	1070	61.9	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	8.59	1.11	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	2.15	1.22	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Sodium, Total	179	J	mg/kg	859	13.5	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	8.59	1.35	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Vanadium, Total	8.42		mg/kg	4.30	0.872	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY
Zinc, Total	19.7	J	mg/kg	21.5	1.26	10	09/25/24 00:11	09/25/24 16:39	EPA 3050B	1,6010D	CEY

General Chemistry - Mansfield Lab

Chromium, Trivalent	7.28		mg/kg	4.30	0.412	1		09/25/24 16:39	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-05
 Client ID: SB06_1-2
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:20
 Date Received: 09/18/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14200		mg/kg	8.73	2.36	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.36	0.332	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.57		mg/kg	0.873	0.182	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Barium, Total	69.1		mg/kg	0.873	0.152	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.530		mg/kg	0.436	0.029	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.123	J	mg/kg	0.873	0.086	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Calcium, Total	3920		mg/kg	8.73	3.05	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Chromium, Total	21.0		mg/kg	0.873	0.084	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Cobalt, Total	7.52		mg/kg	1.74	0.145	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Copper, Total	14.5		mg/kg	0.873	0.225	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Iron, Total	18600		mg/kg	4.36	0.788	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Lead, Total	5.19		mg/kg	4.36	0.234	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Magnesium, Total	5790		mg/kg	8.73	1.34	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Manganese, Total	149		mg/kg	0.873	0.139	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.071	0.046	1	09/25/24 01:16	09/25/24 11:12	EPA 7471B	1,7471B	JWN
Nickel, Total	22.5		mg/kg	2.18	0.211	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Potassium, Total	868		mg/kg	218	12.6	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.74	0.225	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.436	0.247	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Sodium, Total	38.0	J	mg/kg	174	2.75	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.74	0.275	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Vanadium, Total	17.9		mg/kg	0.873	0.177	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
Zinc, Total	42.1		mg/kg	4.36	0.256	2	09/25/24 00:11	09/25/24 15:25	EPA 3050B	1,6010D	CEY
General Chemistry - Mansfield Lab											
Chromium, Trivalent	21.0		mg/kg	0.879	0.176	1		09/25/24 15:25	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
 Client ID: SB06_5-6
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
 Date Received: 09/18/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5870		mg/kg	9.50	2.56	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Antimony, Total	ND		mg/kg	4.75	0.361	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.79		mg/kg	0.950	0.198	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Barium, Total	135		mg/kg	0.950	0.165	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.228	J	mg/kg	0.475	0.031	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.950	0.093	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Calcium, Total	54600		mg/kg	9.50	3.32	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Chromium, Total	9.13		mg/kg	0.950	0.091	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Cobalt, Total	4.77		mg/kg	1.90	0.158	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Copper, Total	14.0		mg/kg	0.950	0.245	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Iron, Total	12400		mg/kg	4.75	0.858	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Lead, Total	2.97	J	mg/kg	4.75	0.254	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Magnesium, Total	18900		mg/kg	9.50	1.46	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Manganese, Total	254		mg/kg	0.950	0.151	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.080	0.052	1	09/25/24 01:16	09/25/24 11:15	EPA 7471B	1,7471B	JWN
Nickel, Total	12.2		mg/kg	2.37	0.230	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Potassium, Total	342		mg/kg	237	13.7	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Selenium, Total	0.251	J	mg/kg	1.90	0.245	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.475	0.269	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Sodium, Total	79.3	J	mg/kg	190	2.99	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.90	0.299	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Vanadium, Total	11.0		mg/kg	0.950	0.193	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY
Zinc, Total	22.1		mg/kg	4.75	0.278	2	09/25/24 00:11	09/25/24 15:31	EPA 3050B	1,6010D	CEY

General Chemistry - Mansfield Lab

Chromium, Trivalent	9.13		mg/kg	0.973	0.195	1		09/25/24 15:31	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1974889-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Barium, Total	ND		mg/kg	0.400	0.070	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Calcium, Total	1.70	J	mg/kg	4.00	1.40	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Copper, Total	ND		mg/kg	0.400	0.103	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Iron, Total	0.416	J	mg/kg	2.00	0.361	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Lead, Total	ND		mg/kg	2.00	0.107	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Magnesium, Total	0.700	J	mg/kg	4.00	0.616	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Manganese, Total	0.073	J	mg/kg	0.400	0.064	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Potassium, Total	ND		mg/kg	100	5.76	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Silver, Total	ND		mg/kg	0.200	0.113	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Sodium, Total	ND		mg/kg	80.0	1.26	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/25/24 00:11	09/25/24 13:56	1,6010D	CEY

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1974890-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/25/24 01:16	09/25/24 09:46	1,7471B	JWN



Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2453635

Project Number: 170859701

Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1974889-2								
Aluminum, Total	111		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	109		-		80-120	-		
Beryllium, Total	112		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	110		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	112		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	104		-		80-120	-		
Manganese, Total	112		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	112		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	109		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453635**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1974889-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1974890-2					
Mercury, Total	98	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1974889-3			QC Sample: L2453635-01			Client ID: SB10_1-2			
Aluminum, Total	6940	170	7160	130	Q	-	-		75-125	-		20
Antimony, Total	0.976J	42.4	30.7	72	Q	-	-		75-125	-		20
Arsenic, Total	4.82	10.2	14.1	91		-	-		75-125	-		20
Barium, Total	109	170	304	115		-	-		75-125	-		20
Beryllium, Total	0.260J	4.24	4.75	112		-	-		75-125	-		20
Cadmium, Total	ND	4.5	3.15	70	Q	-	-		75-125	-		20
Calcium, Total	90600	848	111000	2400	Q	-	-		75-125	-		20
Chromium, Total	14.4	17	29.8	91		-	-		75-125	-		20
Cobalt, Total	6.04	42.4	40.8	82		-	-		75-125	-		20
Copper, Total	33.0	21.2	50.1	81		-	-		75-125	-		20
Iron, Total	13700	84.8	13500	0	Q	-	-		75-125	-		20
Lead, Total	129	45	154	56	Q	-	-		75-125	-		20
Magnesium, Total	28000	848	45400	2050	Q	-	-		75-125	-		20
Manganese, Total	342	42.4	439	229	Q	-	-		75-125	-		20
Nickel, Total	15.0	42.4	49.0	80		-	-		75-125	-		20
Potassium, Total	683	848	1750	126	Q	-	-		75-125	-		20
Selenium, Total	0.629J	10.2	9.57	94		-	-		75-125	-		20
Silver, Total	ND	4.24	4.78	113		-	-		75-125	-		20
Sodium, Total	108J	848	1090	128	Q	-	-		75-125	-		20
Thallium, Total	ND	10.2	8.47	83		-	-		75-125	-		20
Vanadium, Total	18.1	42.4	59.4	97		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1974889-3		QC Sample: L2453635-01		Client ID: SB10_1-2		
Zinc, Total	98.3	42.4	126	65	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1974890-3		QC Sample: L2453635-01		Client ID: SB10_1-2		
Mercury, Total	ND	1.56	1.65	105	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2453635

Report Date: 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1974889-4 QC Sample: L2453635-01 Client ID: SB10_1-2						
Aluminum, Total	6940	7630	mg/kg	9		20
Antimony, Total	0.976J	0.956J	mg/kg	NC		20
Arsenic, Total	4.82	5.21	mg/kg	8		20
Barium, Total	109	135	mg/kg	21	Q	20
Beryllium, Total	0.260J	0.294J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	90600	97700	mg/kg	8		20
Chromium, Total	14.4	14.0	mg/kg	3		20
Cobalt, Total	6.04	6.56	mg/kg	8		20
Copper, Total	33.0	27.4	mg/kg	19		20
Iron, Total	13700	15200	mg/kg	10		20
Lead, Total	129	157	mg/kg	20		20
Magnesium, Total	28000	27400	mg/kg	2		20
Manganese, Total	342	367	mg/kg	7		20
Nickel, Total	15.0	15.5	mg/kg	3		20
Potassium, Total	683	719	mg/kg	5		20
Selenium, Total	0.629J	0.659J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	108J	128J	mg/kg	NC		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2453635
Report Date: 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1974889-4 QC Sample: L2453635-01 Client ID: SB10_1-2					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	18.1	16.9	mg/kg	7	20
Zinc, Total	98.3	112	mg/kg	13	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1974890-4 QC Sample: L2453635-01 Client ID: SB10_1-2					
Mercury, Total	ND	0.098	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-01
Client ID: SB10_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 09:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	09/19/24 13:59	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.856	0.171	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-02
Client ID: SB10_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 10:10
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	09/19/24 13:59	121,2540G	ROI
Chromium, Hexavalent	0.908	J	mg/kg	1.02	0.205	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-03
Client ID: SB03_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:00
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	09/19/24 13:59	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.895	0.179	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-04
Client ID: SB03_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 11:15
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	09/19/24 13:59	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.872	0.174	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-05
Client ID: SB06_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:20
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/19/24 13:59	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.879	0.176	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2453635-06
Client ID: SB06_5-6
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/18/24 14:40
Date Received: 09/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	09/19/24 13:59	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.973	0.195	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHII**Lab Number:** L2453635**Project Number:** 170859701**Report Date:** 09/30/24**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1975661-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/24/24 17:00	09/25/24 10:41	1,7196A	RDS

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Project Number:** 170859701**Lab Number:** L2453635**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1975661-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1975661-4 QC Sample: L2453635-01 Client ID: SB10_1-2												
Chromium, Hexavalent	ND	1260	1180	94		-	-		75-125	-		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2453635
Report Date: 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1973607-1 QC Sample: L2453478-01 Client ID: DUP Sample						
Solids, Total	84.8	83.2	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1975661-6 QC Sample: L2453635-01 Client ID: SB10_1-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No:09302409:32
Lab Number: L2453635
Report Date: 09/30/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2453635-01A	Vial MeOH preserved	A	NA		4.9	Y	Absent		HOLD-8260HLW(14)
L2453635-01B	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	HOLD-8260HLW(14)
L2453635-01C	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	HOLD-8260HLW(14)
L2453635-01D	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2453635-01E	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2453635-01F	Plastic 120ml unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-01G	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453635-01H	Plastic 8oz unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-01I	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453635-01J	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		SUB-ASBESTOS()
L2453635-02A	Vial MeOH preserved	A	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2453635-02B	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	NYTCL-8260HLW(14)
L2453635-02C	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	NYTCL-8260HLW(14)
L2453635-02D	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2453635-02E	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2453635-02F	Plastic 120ml unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-02G	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2453635-02H	Plastic 8oz unpreserved	A	NA		4.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No: 09302409:32
Lab Number: L2453635
Report Date: 09/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2453635-02I	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2453635-03A	Vial MeOH preserved	A	NA		4.9	Y	Absent		HOLD-8260HLW(14)
L2453635-03B	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	HOLD-8260HLW(14)
L2453635-03C	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	HOLD-8260HLW(14)
L2453635-03D	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2453635-03E	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2453635-03F	Plastic 120ml unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-03G	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453635-03H	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2453635-03I	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453635-03J	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		SUB-ASBESTOS()
L2453635-04A	Vial MeOH preserved	A	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2453635-04B	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	NYTCL-8260HLW(14)
L2453635-04C	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	NYTCL-8260HLW(14)
L2453635-04D	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2453635-04E	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2453635-04F	Plastic 120ml unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-04G	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2453635-04H	Plastic 8oz unpreserved	A	NA		4.9	Y	Absent		A2-NY-1633(90)
L2453635-04I	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2453635-05A	Vial MeOH preserved	A	NA		4.9	Y	Absent		HOLD-8260HLW(14)
L2453635-05B	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	HOLD-8260HLW(14)

Project Name: EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2453635**Project Number:** 170859701**Report Date:** 09/30/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2453635-05C	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	HOLD-8260HLW(14)
L2453635-05D	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2453635-05E	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2453635-05F	Plastic 120ml unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-05G	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453635-05H	Plastic 8oz unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-05I	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2453635-05J	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		SUB-ASBESTOS()
L2453635-06A	Vial MeOH preserved	A	NA		4.9	Y	Absent		NYTCL-8260HLW(14)
L2453635-06B	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	NYTCL-8260HLW(14)
L2453635-06C	Vial water preserved	A	NA		4.9	Y	Absent	19-SEP-24 09:13	NYTCL-8260HLW(14)
L2453635-06D	Glass 60mL/2oz unpreserved	A	NA		4.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2453635-06E	Plastic 2oz unpreserved for TS	A	NA		4.9	Y	Absent		TS(7)
L2453635-06F	Plastic 120ml unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-06G	Glass 120ml/4oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2453635-06H	Plastic 8oz unpreserved	A	NA		4.9	Y	Absent		TS(7)
L2453635-06I	Glass 250ml/8oz unpreserved	A	NA		4.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Footnotes

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

Terms

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

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2453635
Report Date: 09/30/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 21

Published Date: 04/17/2024

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

ALPHA Job #
L2453635

4130

Page 103 of 103

JOB: L2454025 REPORT STYLE: Data Usability Report
0010: Alpha Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0100: Volatiles Cover Page - OK
0110: Volatiles Sample Results - OK
0120: Volatiles Method Blank Report - OK
0130: Volatiles LCS Report - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
0700: PCBs Cover Page - OK
0710: PCBs Sample Results - OK
0720: PCBs Method Blank Report - OK
0730: PCBs LCS Report - OK
0900: Pesticides Cover Page - OK
0910: Pesticides Sample Results - OK
0920: Pesticides Method Blank Report - OK
0930: Pesticides LCS Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1050: Metals Duplicate Report - OK
1060: Metals Serial Dilution Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1210: Wet Chemistry Method Blank Report - OK
1220: Wet Chemistry LCS Report - OK
1240: Wet Chemistry Matrix Spike Report - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5200: Glossary - OK
5400: References - OK



ANALYTICAL REPORT

Lab Number:	L2454025
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	EAST ADAMS REDEVELOPMENT PHIII
Project Number:	170859701
Report Date:	09/30/24

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

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



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2454025-01	SB07_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 09:00	09/19/24
L2454025-02	SB07_7-8	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 09:20	09/19/24
L2454025-03	SB08_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 10:10	09/19/24
L2454025-04	SB08_8-9	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 10:25	09/19/24
L2454025-05	SB02_1-2	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 13:20	09/19/24
L2454025-06	SB02_6-7	SOIL	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 13:50	09/19/24

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Case Narrative

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

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

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

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

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Case Narrative (continued)

Report Submission

September 30, 2024: 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

L2454025-01 through -06: Sample containers for PFOS, PFAAs, and Isotope via EPA 537 were received, but not listed on the chain of custody. At the client's request, the analyses were not performed.

L2454025-01, -03, and -05: Sample containers for Volatile Organics analysis were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.

Volatile Organics

L2454025-02: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (154%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2454025-02: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Semivolatile Organics

The WG1976494-2/-3 LCS/LCSD recoveries, associated with L2454025-01 through -06, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Case Narrative (continued)

L2454025-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1975745-1 Method Blank, associated with L2454025-01 through -06, has a concentration above the reporting limit for calcium. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

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

Authorized Signature:  Cristin Walker

Title: Technical Director/Representative

Date: 09/30/24

ORGANICS

VOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/24 19:06
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	66	9.6	1
Chloroform	ND		ug/kg	99	9.2	1
Carbon tetrachloride	ND		ug/kg	66	15.	1
1,2-Dichloropropane	ND		ug/kg	66	8.3	1
Dibromochloromethane	ND		ug/kg	66	9.2	1
1,1,2-Trichloroethane	ND		ug/kg	66	18.	1
Tetrachloroethene	ND		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.4	1
Trichlorofluoromethane	ND		ug/kg	260	46.	1
1,2-Dichloroethane	ND		ug/kg	66	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	66	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	66	36.	1
Ethylbenzene	ND		ug/kg	66	9.3	1
Chloromethane	ND		ug/kg	260	62.	1
Bromomethane	ND		ug/kg	130	38.	1
Vinyl chloride	ND		ug/kg	66	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	66	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	99	9.0	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	33	9.0	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.5	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.8	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	37.	1
o-Xylene	ND		ug/kg	66	19.	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	66	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	130	16.	1
Styrene	ND		ug/kg	66	13.	1
Dichlorodifluoromethane	ND		ug/kg	660	60.	1
Acetone	ND		ug/kg	660	320	1
Carbon disulfide	ND		ug/kg	660	300	1
2-Butanone	ND		ug/kg	660	150	1
Vinyl acetate	ND		ug/kg	660	140	1
4-Methyl-2-pentanone	ND		ug/kg	660	84.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.4	1
2-Hexanone	ND		ug/kg	660	78.	1
Bromochloromethane	ND		ug/kg	130	14.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	66	18.	1
1,3-Dichloropropane	ND		ug/kg	130	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	33	8.7	1
Bromobenzene	ND		ug/kg	130	9.6	1
n-Butylbenzene	35	J	ug/kg	66	11.	1
sec-Butylbenzene	130		ug/kg	66	9.6	1
tert-Butylbenzene	ND		ug/kg	130	7.8	1
o-Chlorotoluene	ND		ug/kg	130	13.	1
p-Chlorotoluene	ND		ug/kg	130	7.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Hexachlorobutadiene	ND		ug/kg	260	11.	1
Isopropylbenzene	24	J	ug/kg	66	7.2	1
p-Isopropyltoluene	ND		ug/kg	66	7.2	1
Naphthalene	140	J	ug/kg	260	43.	1
Acrylonitrile	ND		ug/kg	260	76.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	15	J	ug/kg	66	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	13.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	22.	1
1,4-Dioxane	ND		ug/kg	5300	2300	1
p-Diethylbenzene	69	J	ug/kg	130	12.	1
p-Ethyltoluene	ND		ug/kg	130	25.	1
1,2,4,5-Tetramethylbenzene	760		ug/kg	130	13.	1
Ethyl ether	ND		ug/kg	130	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	330	94.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	93		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/26/24 14:38
Analyst: LAC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	0.20	J	ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	13		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	1.6		ug/kg	1.1	0.19	1
sec-Butylbenzene	5.8		ug/kg	1.1	0.16	1
tert-Butylbenzene	0.37	J	ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	1.3		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	2.6	J	ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.71	J	ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	2.9		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.43	1
1,2,4,5-Tetramethylbenzene	32		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	154	Q	70-130
Dibromofluoromethane	89		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/24 18:13
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	0.69		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.85	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/24 18:39
Analyst: JIC
Percent Solids: 81%

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

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/25/24 09:22
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1976187-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/25/24 09:22
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1976187-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/25/24 09:22
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1976187-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/25/24 09:22
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1976635-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/25/24 09:22
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1976635-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/24 09:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1976635-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/26/24 10:12
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1976759-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/24 10:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1976759-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/24 10:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1976759-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1976187-3 WG1976187-4								
Methylene chloride	86		83		70-130	4		30
1,1-Dichloroethane	95		90		70-130	5		30
Chloroform	92		88		70-130	4		30
Carbon tetrachloride	92		87		70-130	6		30
1,2-Dichloropropane	92		89		70-130	3		30
Dibromochloromethane	93		91		70-130	2		30
1,1,2-Trichloroethane	98		94		70-130	4		30
Tetrachloroethene	108		101		70-130	7		30
Chlorobenzene	99		94		70-130	5		30
Trichlorofluoromethane	102		98		70-139	4		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	96		90		70-130	6		30
Bromodichloromethane	89		86		70-130	3		30
trans-1,3-Dichloropropene	94		91		70-130	3		30
cis-1,3-Dichloropropene	91		88		70-130	3		30
1,1-Dichloropropene	99		93		70-130	6		30
Bromoform	85		82		70-130	4		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	94		90		70-130	4		30
Toluene	86		82		70-130	5		30
Ethylbenzene	100		96		70-130	4		30
Chloromethane	88		82		52-130	7		30
Bromomethane	123		116		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1976187-3 WG1976187-4								
Vinyl chloride	104		99		67-130	5		30
Chloroethane	115		108		50-151	6		30
1,1-Dichloroethene	100		97		65-135	3		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	96		92		70-130	4		30
1,2-Dichlorobenzene	99		96		70-130	3		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	78		75		66-130	4		30
p/m-Xylene	102		99		70-130	3		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	90		87		70-130	3		30
Dibromomethane	87		84		70-130	4		30
Styrene	102		98		70-130	4		30
Dichlorodifluoromethane	80		76		30-146	5		30
Acetone	79		74		54-140	7		30
Carbon disulfide	98		94		59-130	4		30
2-Butanone	81		77		70-130	5		30
Vinyl acetate	91		84		70-130	8		30
4-Methyl-2-pentanone	79		77		70-130	3		30
1,2,3-Trichloropropane	92		87		68-130	6		30
2-Hexanone	74		69	Q	70-130	7		30
Bromochloromethane	90		86		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1976187-3 WG1976187-4								
2,2-Dichloropropane	91		86		70-130	6		30
1,2-Dibromoethane	97		94		70-130	3		30
1,3-Dichloropropane	97		94		69-130	3		30
1,1,1,2-Tetrachloroethane	97		95		70-130	2		30
Bromobenzene	95		92		70-130	3		30
n-Butylbenzene	109		104		70-130	5		30
sec-Butylbenzene	104		100		70-130	4		30
tert-Butylbenzene	100		95		70-130	5		30
o-Chlorotoluene	100		95		70-130	5		30
p-Chlorotoluene	99		95		70-130	4		30
1,2-Dibromo-3-chloropropane	83		80		68-130	4		30
Hexachlorobutadiene	102		98		67-130	4		30
Isopropylbenzene	101		95		70-130	6		30
p-Isopropyltoluene	104		99		70-130	5		30
Naphthalene	90		88		70-130	2		30
Acrylonitrile	95		92		70-130	3		30
n-Propylbenzene	104		98		70-130	6		30
1,2,3-Trichlorobenzene	99		96		70-130	3		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	100		95		70-130	5		30
1,2,4-Trimethylbenzene	99		96		70-130	3		30
1,4-Dioxane	73		72		65-136	1		30
p-Diethylbenzene	105		100		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1976187-3 WG1976187-4								
p-Ethyltoluene	101		97		70-130	4		30
1,2,4,5-Tetramethylbenzene	99		96		70-130	3		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	96		92		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	93		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1976635-3 WG1976635-4								
Methylene chloride	86		83		70-130	4		30
1,1-Dichloroethane	95		90		70-130	5		30
Chloroform	92		88		70-130	4		30
Carbon tetrachloride	92		87		70-130	6		30
1,2-Dichloropropane	92		89		70-130	3		30
Dibromochloromethane	93		91		70-130	2		30
1,1,2-Trichloroethane	98		94		70-130	4		30
Tetrachloroethene	108		101		70-130	7		30
Chlorobenzene	99		94		70-130	5		30
Trichlorofluoromethane	102		98		70-139	4		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	96		90		70-130	6		30
Bromodichloromethane	89		86		70-130	3		30
trans-1,3-Dichloropropene	94		91		70-130	3		30
cis-1,3-Dichloropropene	91		88		70-130	3		30
1,1-Dichloropropene	99		93		70-130	6		30
Bromoform	85		82		70-130	4		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	94		90		70-130	4		30
Toluene	86		82		70-130	5		30
Ethylbenzene	100		96		70-130	4		30
Chloromethane	88		82		52-130	7		30
Bromomethane	123		116		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1976635-3 WG1976635-4								
Vinyl chloride	104		99		67-130	5		30
Chloroethane	115		108		50-151	6		30
1,1-Dichloroethene	100		97		65-135	3		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	96		92		70-130	4		30
1,2-Dichlorobenzene	99		96		70-130	3		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	78		75		66-130	4		30
p/m-Xylene	102		99		70-130	3		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	90		87		70-130	3		30
Dibromomethane	87		84		70-130	4		30
Styrene	102		98		70-130	4		30
Dichlorodifluoromethane	80		76		30-146	5		30
Acetone	79		74		54-140	7		30
Carbon disulfide	98		94		59-130	4		30
2-Butanone	81		77		70-130	5		30
Vinyl acetate	91		84		70-130	8		30
4-Methyl-2-pentanone	79		77		70-130	3		30
1,2,3-Trichloropropane	92		87		68-130	6		30
2-Hexanone	74		69	Q	70-130	7		30
Bromochloromethane	90		86		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1976635-3 WG1976635-4								
2,2-Dichloropropane	91		86		70-130	6		30
1,2-Dibromoethane	97		94		70-130	3		30
1,3-Dichloropropane	97		94		69-130	3		30
1,1,1,2-Tetrachloroethane	97		95		70-130	2		30
Bromobenzene	95		92		70-130	3		30
n-Butylbenzene	109		104		70-130	5		30
sec-Butylbenzene	104		100		70-130	4		30
tert-Butylbenzene	100		95		70-130	5		30
o-Chlorotoluene	100		95		70-130	5		30
p-Chlorotoluene	99		95		70-130	4		30
1,2-Dibromo-3-chloropropane	83		80		68-130	4		30
Hexachlorobutadiene	102		98		67-130	4		30
Isopropylbenzene	101		95		70-130	6		30
p-Isopropyltoluene	104		99		70-130	5		30
Naphthalene	90		88		70-130	2		30
Acrylonitrile	95		92		70-130	3		30
n-Propylbenzene	104		98		70-130	6		30
1,2,3-Trichlorobenzene	99		96		70-130	3		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	100		95		70-130	5		30
1,2,4-Trimethylbenzene	99		96		70-130	3		30
1,4-Dioxane	73		72		65-136	1		30
p-Diethylbenzene	105		100		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1976635-3 WG1976635-4								
p-Ethyltoluene	101		97		70-130	4		30
1,2,4,5-Tetramethylbenzene	99		96		70-130	3		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	96		92		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	93		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1976759-3 WG1976759-4								
Methylene chloride	82		81		70-130	1		30
1,1-Dichloroethane	87		87		70-130	0		30
Chloroform	86		86		70-130	0		30
Carbon tetrachloride	84		84		70-130	0		30
1,2-Dichloropropane	86		87		70-130	1		30
Dibromochloromethane	93		91		70-130	2		30
1,1,2-Trichloroethane	94		92		70-130	2		30
Tetrachloroethene	100		98		70-130	2		30
Chlorobenzene	94		92		70-130	2		30
Trichlorofluoromethane	89		88		70-139	1		30
1,2-Dichloroethane	87		86		70-130	1		30
1,1,1-Trichloroethane	88		88		70-130	0		30
Bromodichloromethane	86		87		70-130	1		30
trans-1,3-Dichloropropene	94		91		70-130	3		30
cis-1,3-Dichloropropene	88		88		70-130	0		30
1,1-Dichloropropene	91		91		70-130	0		30
Bromoform	86		84		70-130	2		30
1,1,2,2-Tetrachloroethane	93		90		70-130	3		30
Benzene	87		87		70-130	0		30
Toluene	80		79		70-130	1		30
Ethylbenzene	94		92		70-130	2		30
Chloromethane	75		75		52-130	0		30
Bromomethane	105		104		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1976759-3 WG1976759-4								
Vinyl chloride	90		88		67-130	2		30
Chloroethane	95		94		50-151	1		30
1,1-Dichloroethene	87		87		65-135	0		30
trans-1,2-Dichloroethene	88		87		70-130	1		30
Trichloroethene	90		91		70-130	1		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	96		94		70-130	2		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	80		80		66-130	0		30
p/m-Xylene	97		95		70-130	2		30
o-Xylene	95		93		70-130	2		30
cis-1,2-Dichloroethene	87		85		70-130	2		30
Dibromomethane	85		86		70-130	1		30
Styrene	98		95		70-130	3		30
Dichlorodifluoromethane	68		67		30-146	1		30
Acetone	77		74		54-140	4		30
Carbon disulfide	81		78		59-130	4		30
2-Butanone	77		72		70-130	7		30
Vinyl acetate	85		78		70-130	9		30
4-Methyl-2-pentanone	84		83		70-130	1		30
1,2,3-Trichloropropane	90		89		68-130	1		30
2-Hexanone	77		74		70-130	4		30
Bromochloromethane	86		86		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1976759-3 WG1976759-4								
2,2-Dichloropropane	85		84		70-130	1		30
1,2-Dibromoethane	98		96		70-130	2		30
1,3-Dichloropropane	96		94		69-130	2		30
1,1,1,2-Tetrachloroethane	95		93		70-130	2		30
Bromobenzene	91		90		70-130	1		30
n-Butylbenzene	100		99		70-130	1		30
sec-Butylbenzene	97		96		70-130	1		30
tert-Butylbenzene	94		93		70-130	1		30
o-Chlorotoluene	94		94		70-130	0		30
p-Chlorotoluene	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	83		84		68-130	1		30
Hexachlorobutadiene	94		94		67-130	0		30
Isopropylbenzene	94		93		70-130	1		30
p-Isopropyltoluene	97		96		70-130	1		30
Naphthalene	89		89		70-130	0		30
Acrylonitrile	93		91		70-130	2		30
n-Propylbenzene	96		94		70-130	2		30
1,2,3-Trichlorobenzene	95		94		70-130	1		30
1,2,4-Trichlorobenzene	97		98		70-130	1		30
1,3,5-Trimethylbenzene	94		93		70-130	1		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
1,4-Dioxane	85		85		65-136	0		30
p-Diethylbenzene	97		96		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1976759-3 WG1976759-4								
p-Ethyltoluene	95		94		70-130	1		30
1,2,4,5-Tetramethylbenzene	94		93		70-130	1		30
Ethyl ether	87		89		67-130	2		30
trans-1,4-Dichloro-2-butene	98		94		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		103		70-130
Toluene-d8	106		104		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	93		94		70-130

SEMIVOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-01
Client ID: SB07_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:00
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 10:24
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	110		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-01
Client ID: SB07_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:00
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	64	J	ug/kg	100	20.	1
Benzo(a)pyrene	62	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	80	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	69	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	49	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	41	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	41	J	ug/kg	140	24.	1
Pyrene	92	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-01
Client ID: SB07_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:00
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	81		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 10:00
Analyst: JG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	220	21.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	37.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	57.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	66	J	ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	190	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	74.	1
Butyl benzyl phthalate	ND		ug/kg	220	54.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	73.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	45.	1
Benzo(a)anthracene	57	J	ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	40	J	ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	83	J	ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	45	J	ug/kg	130	42.	1
Benzo(ghi)perylene	36	J	ug/kg	170	25.	1
Fluorene	37	J	ug/kg	220	21.	1
Phenanthrene	42	J	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	98	J	ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	41.	1
3-Nitroaniline	ND		ug/kg	220	40.	1
4-Nitroaniline	ND		ug/kg	220	89.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	22.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	220	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	220	32.	1
2-Methylphenol	ND		ug/kg	220	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	41.	1
Benzoic Acid	ND		ug/kg	700	220	1
Benzyl Alcohol	ND		ug/kg	220	66.	1
Carbazole	ND		ug/kg	220	21.	1
1,4-Dioxane	ND		ug/kg	32	9.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	69		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-03
Client ID: SB08_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:10
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 06:48
Analyst: JG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	140		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-03
Client ID: SB08_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:10
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	82	J	ug/kg	100	19.	1
Benzo(a)pyrene	92	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	120		ug/kg	100	29.	1
Benzo(k)fluoranthene	34	J	ug/kg	100	27.	1
Chrysene	76	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	55	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	78	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	57	J	ug/kg	140	24.	1
Pyrene	120		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-03
Client ID: SB08_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:10
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	103		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	87		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 08:48
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	540		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	5600		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	110	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2200		ug/kg	110	20.	1
Benzo(a)pyrene	1600		ug/kg	140	44.	1
Benzo(b)fluoranthene	1600		ug/kg	110	30.	1
Benzo(k)fluoranthene	440		ug/kg	110	29.	1
Chrysene	2000		ug/kg	110	19.	1
Acenaphthylene	510		ug/kg	140	28.	1
Anthracene	1800		ug/kg	110	35.	1
Benzo(ghi)perylene	780		ug/kg	140	21.	1
Fluorene	850		ug/kg	180	17.	1
Phenanthrene	4300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	200		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	740		ug/kg	140	25.	1
Pyrene	5400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	300		ug/kg	180	17.	1
2-Methylnaphthalene	77	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	68	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	80		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-05
Client ID: SB02_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 05:12
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-05
Client ID: SB02_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-05
Client ID: SB02_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	88		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/28/24 03:36
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	74		18-120

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/24 00:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1976494-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/24 00:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1976494-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/24 00:01
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 09/26/24 06:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1976494-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	101		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1976494-2 WG1976494-3								
Acenaphthene	82		78		31-137	5		50
1,2,4-Trichlorobenzene	85		85		38-107	0		50
Hexachlorobenzene	90		88		40-140	2		50
Bis(2-chloroethyl)ether	70		70		40-140	0		50
2-Chloronaphthalene	86		84		40-140	2		50
1,2-Dichlorobenzene	76		75		40-140	1		50
1,3-Dichlorobenzene	75		74		40-140	1		50
1,4-Dichlorobenzene	76		74		28-104	3		50
3,3'-Dichlorobenzidine	78		71		40-140	9		50
2,4-Dinitrotoluene	97		91		40-132	6		50
2,6-Dinitrotoluene	108		105		40-140	3		50
Fluoranthene	98		93		40-140	5		50
4-Chlorophenyl phenyl ether	94		89		40-140	5		50
4-Bromophenyl phenyl ether	103		96		40-140	7		50
Bis(2-chloroisopropyl)ether	62		64		40-140	3		50
Bis(2-chloroethoxy)methane	80		78		40-117	3		50
Hexachlorobutadiene	96		97		40-140	1		50
Hexachlorocyclopentadiene	78		80		40-140	3		50
Hexachloroethane	75		74		40-140	1		50
Isophorone	84		80		40-140	5		50
Naphthalene	80		80		40-140	0		50
Nitrobenzene	83		82		40-140	1		50
NDPA/DPA	90		86		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1976494-2 WG1976494-3								
n-Nitrosodi-n-propylamine	79		77		32-121	3		50
Bis(2-ethylhexyl)phthalate	96		90		40-140	6		50
Butyl benzyl phthalate	107		100		40-140	7		50
Di-n-butylphthalate	100		96		40-140	4		50
Di-n-octylphthalate	94		88		40-140	7		50
Diethyl phthalate	91		87		40-140	4		50
Dimethyl phthalate	99		94		40-140	5		50
Benzo(a)anthracene	87		82		40-140	6		50
Benzo(a)pyrene	86		81		40-140	6		50
Benzo(b)fluoranthene	87		81		40-140	7		50
Benzo(k)fluoranthene	82		77		40-140	6		50
Chrysene	81		77		40-140	5		50
Acenaphthylene	88		86		40-140	2		50
Anthracene	87		83		40-140	5		50
Benzo(ghi)perylene	86		81		40-140	6		50
Fluorene	85		83		40-140	2		50
Phenanthrene	84		79		40-140	6		50
Dibenzo(a,h)anthracene	87		82		40-140	6		50
Indeno(1,2,3-cd)pyrene	91		88		40-140	3		50
Pyrene	97		91		35-142	6		50
Biphenyl	90		87		37-127	3		50
4-Chloroaniline	56		55		40-140	2		50
2-Nitroaniline	111		106		47-134	5		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1976494-2 WG1976494-3								
3-Nitroaniline	85		81		26-129	5		50
4-Nitroaniline	96		92		41-125	4		50
Dibenzofuran	82		79		40-140	4		50
2-Methylnaphthalene	92		87		40-140	6		50
1,2,4,5-Tetrachlorobenzene	114		110		40-117	4		50
Acetophenone	87		86		14-144	1		50
2,4,6-Trichlorophenol	102		100		30-130	2		50
p-Chloro-m-cresol	93		89		26-103	4		50
2-Chlorophenol	87		87		25-102	0		50
2,4-Dichlorophenol	95		92		30-130	3		50
2,4-Dimethylphenol	80		79		30-130	1		50
2-Nitrophenol	109		106		30-130	3		50
4-Nitrophenol	96		91		11-114	5		50
2,4-Dinitrophenol	42		31		4-130	30		50
4,6-Dinitro-o-cresol	107		97		10-130	10		50
Pentachlorophenol	63		58		17-109	8		50
Phenol	83		80		26-90	4		50
2-Methylphenol	87		84		30-130	4		50
3-Methylphenol/4-Methylphenol	87		84		30-130	4		50
2,4,5-Trichlorophenol	106		100		30-130	6		50
Benzoic Acid	0	Q	0	Q	10-110	NC		50
Benzyl Alcohol	88		86		40-140	2		50
Carbazole	86		81		54-128	6		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2454025**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1976494-2 WG1976494-3								
1,4-Dioxane	53		50		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		86		25-120
Phenol-d6	90		88		10-120
Nitrobenzene-d5	87		85		23-120
2-Fluorobiphenyl	93		90		30-120
2,4,6-Tribromophenol	93		90		10-136
4-Terphenyl-d14	103		97		18-120

PCBS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/29/24 12:13
Analyst: RMP
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 09/27/24 23:00
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.9	5.14	1	A
Aroclor 1221	ND		ug/kg	57.9	5.80	1	A
Aroclor 1232	ND		ug/kg	57.9	12.3	1	A
Aroclor 1242	ND		ug/kg	57.9	7.80	1	A
Aroclor 1248	ND		ug/kg	57.9	8.68	1	A
Aroclor 1254	ND		ug/kg	57.9	6.33	1	A
Aroclor 1260	ND		ug/kg	57.9	10.7	1	A
Aroclor 1262	ND		ug/kg	57.9	7.35	1	A
Aroclor 1268	ND		ug/kg	57.9	6.00	1	A
PCBs, Total	ND		ug/kg	57.9	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/29/24 11:49
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 09/27/24 23:00
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06 Batch: WG1977419-1						
Aroclor 1016	ND		ug/kg	48.7	4.33	A
Aroclor 1221	ND		ug/kg	48.7	4.88	A
Aroclor 1232	ND		ug/kg	48.7	10.3	A
Aroclor 1242	ND		ug/kg	48.7	6.57	A
Aroclor 1248	ND		ug/kg	48.7	7.31	A
Aroclor 1254	ND		ug/kg	48.7	5.33	A
Aroclor 1260	ND		ug/kg	48.7	9.00	A
Aroclor 1262	ND		ug/kg	48.7	6.19	A
Aroclor 1268	ND		ug/kg	48.7	5.05	A
PCBs, Total	ND		ug/kg	48.7	4.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2454025**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06 Batch: WG1977419-2 WG1977419-3									
Aroclor 1016	87		78		40-140	11		50	A
Aroclor 1260	83		76		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		63		30-150	A
Decachlorobiphenyl	72		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		66		30-150	B
Decachlorobiphenyl	74		62		30-150	B

PESTICIDES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/27/24 15:18
Analyst: AKM
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:17
Cleanup Method: EPA 3620B
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.99	0.390	1	A
Lindane	ND		ug/kg	0.830	0.371	1	A
Alpha-BHC	ND		ug/kg	0.830	0.236	1	A
Beta-BHC	1.60	J	ug/kg	1.99	0.756	1	A
Heptachlor	ND		ug/kg	0.997	0.447	1	A
Aldrin	ND		ug/kg	1.99	0.702	1	A
Heptachlor epoxide	ND		ug/kg	3.74	1.12	1	A
Endrin	ND		ug/kg	0.830	0.340	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.872	1	A
Endrin ketone	ND		ug/kg	1.99	0.513	1	A
Dieldrin	ND		ug/kg	1.24	0.623	1	A
4,4'-DDE	ND		ug/kg	1.99	0.461	1	A
4,4'-DDD	ND		ug/kg	1.99	0.711	1	A
4,4'-DDT	ND		ug/kg	1.99	1.60	1	A
Endosulfan I	ND		ug/kg	1.99	0.471	1	A
Endosulfan II	ND		ug/kg	1.99	0.666	1	A
Endosulfan sulfate	ND		ug/kg	0.830	0.395	1	A
Methoxychlor	ND		ug/kg	3.74	1.16	1	A
Toxaphene	ND		ug/kg	37.4	10.5	1	A
cis-Chlordane	ND		ug/kg	2.49	0.694	1	A
trans-Chlordane	ND		ug/kg	2.49	0.658	1	A
Chlordane	ND		ug/kg	16.6	6.60	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/27/24 16:03
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:17
Cleanup Method: EPA 3620B
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	B
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.991	1	A
Toxaphene	ND		ug/kg	31.9	8.92	1	A
cis-Chlordane	0.954	J	ug/kg	2.12	0.592	1	A
trans-Chlordane	0.579	JIP	ug/kg	2.12	0.561	1	B
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/27/24 16:15
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:17
Cleanup Method: EPA 3620B
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.799	0.357	1	A
Alpha-BHC	ND		ug/kg	0.799	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.959	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.799	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.839	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	ND		ug/kg	1.20	0.600	1	A
4,4'-DDE	ND		ug/kg	1.92	0.444	1	A
4,4'-DDD	ND		ug/kg	1.92	0.684	1	A
4,4'-DDT	ND		ug/kg	1.92	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.453	1	A
Endosulfan II	ND		ug/kg	1.92	0.641	1	A
Endosulfan sulfate	ND		ug/kg	0.799	0.380	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.668	1	A
trans-Chlordane	ND	IP	ug/kg	2.40	0.633	1	B
Chlordane	ND		ug/kg	16.0	6.36	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/27/24 14:33
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 09/26/24 07:06
Cleanup Method: EPA 3620B
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04,06 Batch: WG1976496-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.763	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.954	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.544	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.890	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/27/24 14:33
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/26/24 07:06
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/27/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,04,06 Batch: WG1976496-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1976496-2 WG1976496-3									
Delta-BHC	69		70		30-150	1		30	A
Lindane	67		71		30-150	6		30	A
Alpha-BHC	67		73		30-150	9		30	A
Beta-BHC	68		72		30-150	6		30	A
Heptachlor	69		74		30-150	7		30	A
Aldrin	69		74		30-150	7		30	A
Heptachlor epoxide	53		57		30-150	7		30	A
Endrin	74		78		30-150	5		30	A
Endrin aldehyde	59		63		30-150	7		30	A
Endrin ketone	75		80		30-150	6		30	A
Dieldrin	75		80		30-150	6		30	A
4,4'-DDE	70		74		30-150	6		30	A
4,4'-DDD	76		81		30-150	6		30	A
4,4'-DDT	74		78		30-150	5		30	A
Endosulfan I	69		73		30-150	6		30	A
Endosulfan II	75		77		30-150	3		30	A
Endosulfan sulfate	69		73		30-150	6		30	A
Methoxychlor	79		83		30-150	5		30	A
cis-Chlordane	66		71		30-150	7		30	A
trans-Chlordane	85		91		30-150	7		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2454025**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1976496-2 WG1976496-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		66		30-150	A
Decachlorobiphenyl	53		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		66		30-150	B
Decachlorobiphenyl	63		68		30-150	B

METALS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-01
 Client ID: SB07_1-2
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:00
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5160		mg/kg	16.4	4.42	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	8.18	0.622	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.69		mg/kg	1.64	0.340	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Barium, Total	81.6		mg/kg	1.64	0.285	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.325	J	mg/kg	0.818	0.054	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.64	0.160	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Calcium, Total	160000		mg/kg	16.4	5.73	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Chromium, Total	88.1		mg/kg	1.64	0.157	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.56		mg/kg	3.27	0.272	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Copper, Total	7.66		mg/kg	1.64	0.422	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Iron, Total	10400		mg/kg	8.18	1.48	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Lead, Total	8.58		mg/kg	8.18	0.438	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Magnesium, Total	27200		mg/kg	16.4	2.52	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Manganese, Total	221		mg/kg	1.64	0.260	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.071	0.047	1	09/25/24 02:05	09/26/24 09:59	EPA 7471B	1,7471B	MJR
Nickel, Total	14.3		mg/kg	4.09	0.396	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Potassium, Total	592		mg/kg	409	23.6	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.27	0.422	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.818	0.463	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Sodium, Total	152	J	mg/kg	327	5.15	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	3.27	0.515	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Vanadium, Total	158		mg/kg	1.64	0.332	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
Zinc, Total	34.8		mg/kg	8.18	0.479	4	09/25/24 01:20	09/26/24 09:13	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	88.1		mg/kg	1.64	0.171	1		09/26/24 17:14	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
 Client ID: SB07_7-8
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6300		mg/kg	51.5	13.9	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	25.7	1.96	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.72	J	mg/kg	5.15	1.07	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Barium, Total	106		mg/kg	5.15	0.895	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.292	J	mg/kg	2.57	0.170	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	5.15	0.504	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Calcium, Total	121000		mg/kg	51.5	18.0	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Chromium, Total	11.8		mg/kg	5.15	0.494	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.69	J	mg/kg	10.3	0.854	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Copper, Total	24.5		mg/kg	5.15	1.33	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Iron, Total	16100		mg/kg	25.7	4.65	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Lead, Total	21.2	J	mg/kg	25.7	1.38	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Magnesium, Total	59000		mg/kg	51.5	7.92	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Manganese, Total	338		mg/kg	5.15	0.818	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.095	0.062	1	09/25/24 02:05	09/26/24 10:02	EPA 7471B	1,7471B	MJR
Nickel, Total	16.8		mg/kg	12.9	1.24	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Potassium, Total	639	J	mg/kg	1290	74.1	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	10.3	1.33	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	2.57	1.46	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Sodium, Total	130	J	mg/kg	1030	16.2	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	10.3	1.62	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.5		mg/kg	5.15	1.04	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC
Zinc, Total	46.5		mg/kg	25.7	1.51	10	09/25/24 01:20	09/26/24 09:17	EPA 3050B	1,6010D	DMC

General Chemistry - Mansfield Lab

Chromium, Trivalent	11.8		mg/kg	5.15	0.494	1		09/26/24 17:14	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-03
 Client ID: SB08_1-2
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:10
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4200		mg/kg	16.5	4.46	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	8.26	0.628	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.18		mg/kg	1.65	0.344	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Barium, Total	25.4		mg/kg	1.65	0.288	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.253	J	mg/kg	0.826	0.055	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.65	0.162	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Calcium, Total	139000		mg/kg	16.5	5.78	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Chromium, Total	32.7		mg/kg	1.65	0.159	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.40		mg/kg	3.30	0.274	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Copper, Total	11.9		mg/kg	1.65	0.426	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Iron, Total	9700		mg/kg	8.26	1.49	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Lead, Total	22.7		mg/kg	8.26	0.443	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Magnesium, Total	22100		mg/kg	16.5	2.54	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Manganese, Total	216		mg/kg	1.65	0.263	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.077	0.050	1	09/25/24 02:05	09/26/24 10:06	EPA 7471B	1,7471B	MJR
Nickel, Total	13.0		mg/kg	4.13	0.400	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Potassium, Total	452		mg/kg	413	23.8	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.30	0.426	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.826	0.468	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Sodium, Total	243	J	mg/kg	330	5.21	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	3.30	0.521	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Vanadium, Total	87.4		mg/kg	1.65	0.336	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
Zinc, Total	27.3		mg/kg	8.26	0.484	4	09/25/24 01:20	09/26/24 09:21	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	32.7		mg/kg	1.65	0.167	1		09/26/24 17:14	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
 Client ID: SB08_8-9
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6700		mg/kg	16.3	4.41	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	8.17	0.621	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.33		mg/kg	1.63	0.340	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Barium, Total	110		mg/kg	1.63	0.284	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.411	J	mg/kg	0.817	0.054	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	1.63	0.160	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Calcium, Total	115000		mg/kg	16.3	5.72	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Chromium, Total	11.2		mg/kg	1.63	0.157	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.49		mg/kg	3.27	0.271	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Copper, Total	23.9		mg/kg	1.63	0.422	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Iron, Total	14200		mg/kg	8.17	1.48	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Lead, Total	25.8		mg/kg	8.17	0.438	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Magnesium, Total	38100		mg/kg	16.3	2.52	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Manganese, Total	378		mg/kg	1.63	0.260	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/25/24 02:05	09/26/24 10:15	EPA 7471B	1,7471B	MJR
Nickel, Total	15.7		mg/kg	4.08	0.395	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Potassium, Total	1100		mg/kg	408	23.5	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.27	0.422	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.817	0.462	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Sodium, Total	504		mg/kg	327	5.15	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	3.27	0.515	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.7		mg/kg	1.63	0.332	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
Zinc, Total	36.8		mg/kg	8.17	0.479	4	09/25/24 01:20	09/26/24 09:25	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	11.2		mg/kg	1.63	0.174	1		09/26/24 17:14	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-05
 Client ID: SB02_1-2
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:20
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14800		mg/kg	8.68	2.34	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.34	0.330	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.46		mg/kg	0.868	0.181	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Barium, Total	102		mg/kg	0.868	0.151	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.601		mg/kg	0.434	0.029	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.868	0.085	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Calcium, Total	5210		mg/kg	8.68	3.04	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Chromium, Total	20.9		mg/kg	0.868	0.083	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Cobalt, Total	10.0		mg/kg	1.74	0.144	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Copper, Total	12.3		mg/kg	0.868	0.224	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Iron, Total	20700		mg/kg	4.34	0.784	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Lead, Total	14.7		mg/kg	4.34	0.233	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Magnesium, Total	5690		mg/kg	8.68	1.34	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Manganese, Total	165		mg/kg	0.868	0.138	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.078	0.051	1	09/25/24 02:05	09/26/24 10:19	EPA 7471B	1,7471B	MJR
Nickel, Total	26.6		mg/kg	2.17	0.210	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Potassium, Total	795		mg/kg	217	12.5	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.74	0.224	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.434	0.246	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Sodium, Total	567		mg/kg	174	2.74	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.74	0.274	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Vanadium, Total	21.5		mg/kg	0.868	0.176	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
Zinc, Total	70.4		mg/kg	4.34	0.254	2	09/25/24 01:20	09/26/24 08:16	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	20.9		mg/kg	0.920	0.184	1		09/26/24 17:14	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
 Client ID: SB02_6-7
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3820		mg/kg	9.32	2.52	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.66	0.354	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.51		mg/kg	0.932	0.194	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Barium, Total	16.8		mg/kg	0.932	0.162	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.196	J	mg/kg	0.466	0.031	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.932	0.091	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Calcium, Total	43800		mg/kg	9.32	3.26	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Chromium, Total	6.68		mg/kg	0.932	0.089	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.79		mg/kg	1.86	0.155	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Copper, Total	12.9		mg/kg	0.932	0.240	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Iron, Total	10800		mg/kg	4.66	0.841	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Lead, Total	4.21	J	mg/kg	4.66	0.250	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Magnesium, Total	13100		mg/kg	9.32	1.43	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Manganese, Total	210		mg/kg	0.932	0.148	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/25/24 02:05	09/26/24 10:22	EPA 7471B	1,7471B	MJR
Nickel, Total	10.6		mg/kg	2.33	0.225	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Potassium, Total	225	J	mg/kg	233	13.4	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.86	0.240	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.466	0.264	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Sodium, Total	157	J	mg/kg	186	2.93	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.86	0.293	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Vanadium, Total	9.19		mg/kg	0.932	0.189	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC
Zinc, Total	20.6		mg/kg	4.66	0.273	2	09/25/24 01:20	09/26/24 08:20	EPA 3050B	1,6010D	DMC

General Chemistry - Mansfield Lab

Chromium, Trivalent	6.68		mg/kg	0.991	0.198	1		09/26/24 17:14	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1975745-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Calcium, Total	4.53		mg/kg	4.00	1.40	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Iron, Total	0.883	J	mg/kg	2.00	0.361	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Magnesium, Total	1.37	J	mg/kg	4.00	0.616	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/25/24 01:20	09/25/24 17:04	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1975748-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/25/24 02:05	09/26/24 09:42	1,7471B	MJR



Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2454025

Project Number: 170859701

Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1975745-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	105		-		80-120	-		
Iron, Total	111		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	101		-		80-120	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2454025**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1975745-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1975748-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1975745-3			QC Sample: L2453575-01			Client ID: MS Sample			
Aluminum, Total	5780	184	8850	1660	Q	-	-		75-125	-		20
Antimony, Total	47.6	46.1	97.5	108		-	-		75-125	-		20
Arsenic, Total	35.9	11.1	46.9	99		-	-		75-125	-		20
Barium, Total	70.7	184	270	108		-	-		75-125	-		20
Beryllium, Total	0.270J	4.61	5.00	108		-	-		75-125	-		20
Cadmium, Total	ND	4.89	4.84	99		-	-		75-125	-		20
Calcium, Total	3500B	922	6080	280	Q	-	-		75-125	-		20
Chromium, Total	8.25	18.4	28.7	111		-	-		75-125	-		20
Cobalt, Total	2.52J	46.1	49.3	107		-	-		75-125	-		20
Copper, Total	13.2	23	41.7	124		-	-		75-125	-		20
Iron, Total	9020	92.2	11400	2580	Q	-	-		75-125	-		20
Lead, Total	3430	48.9	3660	471	Q	-	-		75-125	-		20
Magnesium, Total	14100	922	24500	1130	Q	-	-		75-125	-		20
Manganese, Total	121	46.1	184	137	Q	-	-		75-125	-		20
Nickel, Total	4.48J	46.1	52.3	113		-	-		75-125	-		20
Potassium, Total	298J	922	1290	140	Q	-	-		75-125	-		20
Selenium, Total	ND	11.1	10.8	98		-	-		75-125	-		20
Silver, Total	ND	4.61	4.86	105		-	-		75-125	-		20
Sodium, Total	15.8J	922	943	102		-	-		75-125	-		20
Thallium, Total	ND	11.1	10.2	92		-	-		75-125	-		20
Vanadium, Total	13.6	46.1	61.8	104		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1975745-3		QC Sample: L2453575-01		Client ID: MS Sample		
Zinc, Total	67.9	46.1	146	169	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1975748-3		QC Sample: L2454003-01		Client ID: MS Sample		
Mercury, Total	0.310	1.62	1.98	103	-	-	80-120	-	20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2454025
Report Date: 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1975745-4 QC Sample: L2453575-01 Client ID: DUP Sample						
Antimony, Total	47.6	40.2	mg/kg	17		20
Arsenic, Total	35.9	36.1	mg/kg	1		20
Lead, Total	3430	3170	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1975748-4 QC Sample: L2454003-01 Client ID: DUP Sample						
Mercury, Total	0.310	0.290	mg/kg	7		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

**Lab Serial Dilution
Analysis**
Batch Quality Control

Lab Number: L2454025
Report Date: 09/30/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1975745-6 QC Sample: L2453575-01 Client ID: DUP Sample						
Lead, Total	3430	3370	mg/kg	2		20



INORGANICS & MISCELLANEOUS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-01
Client ID: SB07_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:00
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	09/20/24 15:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.855	0.171	1	09/26/24 04:18	09/26/24 17:14	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-02
Client ID: SB07_7-8
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 09:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.2		%	0.100	NA	1	-	09/20/24 15:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	1.05	0.210	1	09/26/24 04:18	09/26/24 17:14	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-03
Client ID: SB08_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:10
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	09/20/24 15:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.835	0.167	1	09/26/24 04:18	09/26/24 17:14	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-04
Client ID: SB08_8-9
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 10:25
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	09/20/24 15:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.872	0.174	1	09/26/24 04:18	09/26/24 17:14	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-05
Client ID: SB02_1-2
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:20
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	09/20/24 15:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.920	0.184	1	09/26/24 04:18	09/26/24 17:14	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454025-06
Client ID: SB02_6-7
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 13:50
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	09/20/24 15:01	121,2540G	ROI
Chromium, Hexavalent	ND		mg/kg	0.991	0.198	1	09/26/24 04:18	09/26/24 17:14	1,7196A	RDS



Project Name: EAST ADAMS REDEVELOPMENT PHII**Lab Number:** L2454025**Project Number:** 170859701**Report Date:** 09/30/24**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1976664-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/26/24 04:18	09/26/24 17:14	1,7196A	RDS

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Project Number:** 170859701**Lab Number:** L2454025**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1976664-2								
Chromium, Hexavalent	92		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1976664-4 QC Sample: L2454025-01 Client ID: SB07_1-2												
Chromium, Hexavalent	ND	1140	866	76		-	-		75-125	-		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L2454025
Report Date: 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1974185-1 QC Sample: L2454025-01 Client ID: SB07_1-2						
Solids, Total	93.6	93.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1976664-6 QC Sample: L2454025-01 Client ID: SB07_1-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2454025**Project Number:** 170859701**Report Date:** 09/30/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2454025-01A	Vial MeOH preserved	A	NA		4.1	Y	Absent		HOLD-8260HLW(14)
L2454025-01B	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	HOLD-8260HLW(14)
L2454025-01C	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	HOLD-8260HLW(14)
L2454025-01D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2454025-01E	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L2454025-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2454025-01G	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2454025-01H	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		HOLD-537(14)
L2454025-01I	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2454025-01J	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		SUB-ASBESTOS()
L2454025-02A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14),NYTCL-8260H(14)
L2454025-02B	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2454025-02C	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2454025-02D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2454025-02E	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L2454025-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2454025-02G	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2454025-02H	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		HOLD-537(14)

*Values in parentheses indicate holding time in days

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No:09302412:26
Lab Number: L2454025
Report Date: 09/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2454025-02I	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2454025-03A	Vial MeOH preserved	A	NA		4.1	Y	Absent		HOLD-8260HLW(14)
L2454025-03B	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	HOLD-8260HLW(14)
L2454025-03C	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	HOLD-8260HLW(14)
L2454025-03D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2454025-03E	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L2454025-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2454025-03G	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2454025-03H	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		HOLD-537(14)
L2454025-03I	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2454025-03J	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		SUB-ASBESTOS()
L2454025-04A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L2454025-04B	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	NYTCL-8260HLW(14)
L2454025-04C	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	NYTCL-8260HLW(14)
L2454025-04D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2454025-04E	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L2454025-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2454025-04G	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2454025-04H	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		HOLD-537(14)
L2454025-04I	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),HEXCR-7196(30)
L2454025-05A	Vial MeOH preserved	A	NA		4.1	Y	Absent		HOLD-8260HLW(14)
L2454025-05B	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	HOLD-8260HLW(14)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No:09302412:26
Lab Number: L2454025
Report Date: 09/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2454025-05C	Vial water preserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	HOLD-8260HLW(14)
L2454025-05D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2454025-05E	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L2454025-05F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2454025-05G	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent	20-SEP-24 09:37	NYTCL-8270(14),HEXCR-7196(30)
L2454025-05H	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		HOLD-537(14)
L2454025-05I	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),HEXCR-7196(30)
L2454025-05J	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		SUB-ASBESTOS()
L2454025-06A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L2454025-06B	Vial water preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L2454025-06C	Vial water preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW(14)
L2454025-06D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2454025-06E	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L2454025-06F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2454025-06G	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2454025-06H	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		HOLD-537(14)
L2454025-06I	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Footnotes

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

Terms

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

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2454025
Report Date: 09/30/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 21

Published Date: 04/17/2024

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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



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

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

of

Date Rec'd
in Lab

9/20/24

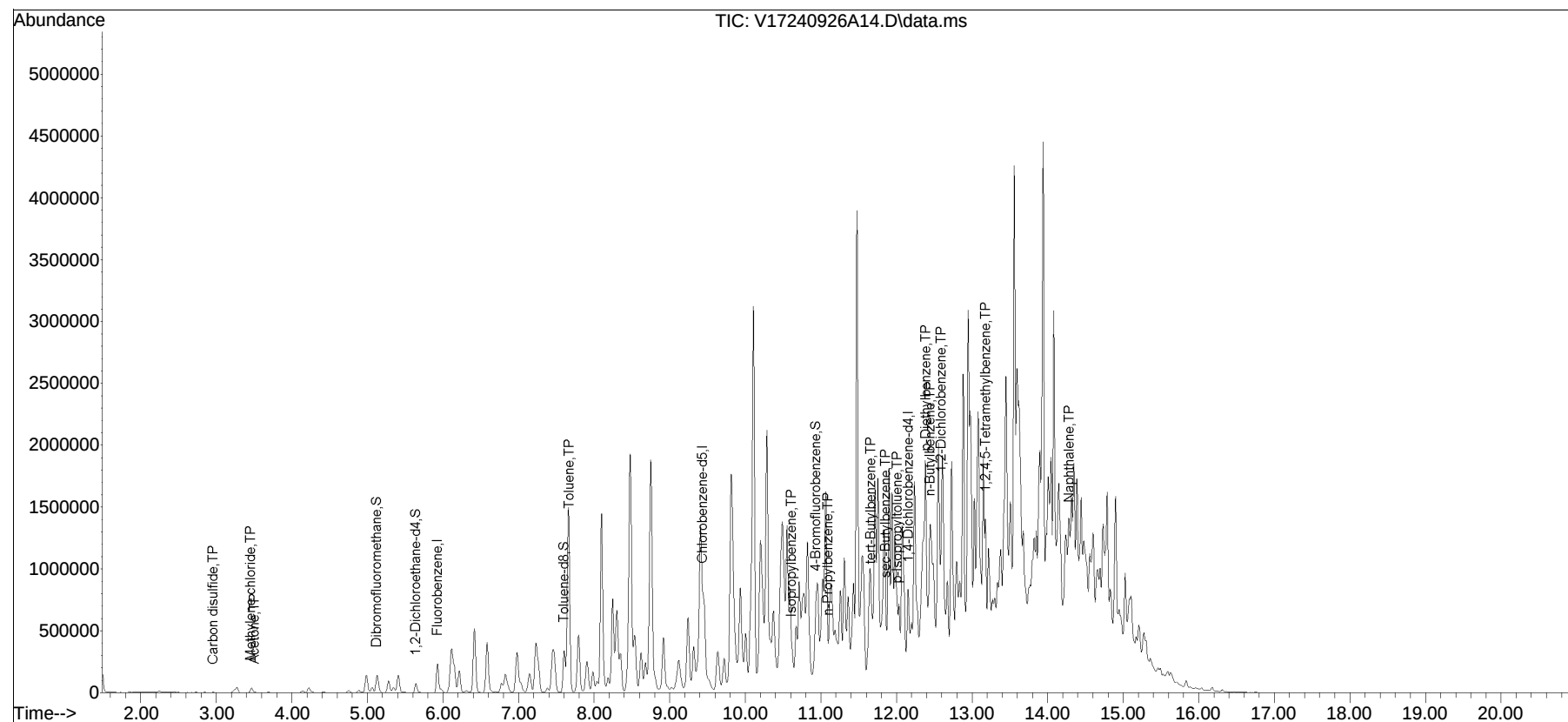
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA117\2024\240926A\
Data File : V17240926A14.D
Acq On : 26 Sep 2024 02:38 pm
Operator : VOA117:LAC
Sample : L2454025-02,31,5.80,5,,B,32.86,38.91,0.25
Misc : WG1976759,ICAL21482
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 26 15:16:15 2024
Quant Method : K:\VOA117\2024\240926A\V117_240910N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Sep 11 12:06:06 2024
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox240926A01.D•





ANALYTICAL REPORT

Lab Number:	L2454069
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	EAST ADAMS REDEVELOPMENT PH. 3
Project Number:	170859701
Report Date:	09/30/24

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2454069-01	SV01_091924	SOIL_VAPOR	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 15:07	09/19/24
L2454069-02	SV02_091924	SOIL_VAPOR	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 14:58	09/19/24
L2454069-03	SV03_091924	SOIL_VAPOR	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 15:02	09/19/24
L2454069-04	SV04_091924	SOIL_VAPOR	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 15:06	09/19/24
L2454069-05	SV05_091924	SOIL_VAPOR	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 14:59	09/19/24
L2454069-06	AA01_091924	AIR	200 CHAVEZ TERRACE, SYRACUSE NY	09/19/24 15:09	09/19/24

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Case Narrative

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

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

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

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

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 13, 2024. The canister certification data is provided as an addendum.

L2454069-01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2454069-01D: 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.

L2454069-01D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2454069-01D2: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result should be considered estimated, and are qualified with an E flag, for any compound that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

L2454069-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2454069-03D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Case Narrative (continued)

L2454069-03D: 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.

L2454069-03D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2454069-04D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2454069-04D: 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.

L2454069-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1976831-3 LCS recovery for chlorodifluoromethane (132%), associated with L2454069-01D2, -01D, -02D, -03D2, -03D, -04D, -04D2, -05D, and -06, is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

The WG1977298-3 LCS recovery for chloromethane (142%), 1,2-dichloro-1,1,2,2-tetrafluoroethane (156%), vinyl chloride (140%), 1,3-butadiene (139%), bromomethane (149%), chloroethane (141%), dichlorofluoromethane (133%), vinyl bromide (133%), acetone (179%), trichlorofluoromethane (160%), 3-

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Case Narrative (continued)

chloropropene (132%), 1,2-dichloroethane (146%), 1,1,1-trichloroethane (142%), carbon tetrachloride (138%) and 4-methyl-2-pentanone (141%), associated with L2454069-01D2, is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 09/30/24

AIR

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-01 D
Client ID: SV01_091924
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:07
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 48,TO-15
Analytical Date: 09/26/24 21:23
Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.434	0.219	--	2.15	1.08	--		1.096
Chloromethane	3.34	0.219	--	6.90	0.452	--		1.096
Freon-114	ND	0.219	--	ND	1.53	--		1.096
Vinyl chloride	0.518	0.219	--	1.32	0.560	--		1.096
1,3-Butadiene	2.84	0.219	--	6.28	0.484	--		1.096
Bromomethane	ND	0.219	--	ND	0.850	--		1.096
Chloroethane	1.44	0.219	--	3.80	0.578	--		1.096
Ethanol	252	5.48	--	475	10.3	--		1.096
Vinyl bromide	ND	0.219	--	ND	0.958	--		1.096
Acetone	460	1.10	--	1090	2.61	--	E	1.096
Trichlorofluoromethane	ND	0.219	--	ND	1.23	--		1.096
Isopropanol	576	0.548	--	1420	1.35	--	E	1.096
1,1-Dichloroethene	ND	0.219	--	ND	0.868	--		1.096
Tertiary butyl Alcohol	26.1	0.548	--	79.1	1.66	--		1.096
Methylene chloride	0.677	0.548	--	2.35	1.90	--		1.096
3-Chloropropene	ND	0.219	--	ND	0.685	--		1.096
Carbon disulfide	16.4	0.219	--	51.1	0.682	--		1.096
Freon-113	ND	0.219	--	ND	1.68	--		1.096
trans-1,2-Dichloroethene	ND	0.219	--	ND	0.868	--		1.096
1,1-Dichloroethane	ND	0.219	--	ND	0.886	--		1.096
Methyl tert butyl ether	ND	0.219	--	ND	0.790	--		1.096
2-Butanone	292	0.548	--	861	1.62	--	E	1.096
cis-1,2-Dichloroethene	ND	0.219	--	ND	0.868	--		1.096



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-01 D
 Client ID: SV01_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:07
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.548	--	ND	1.97	--		1.096
Chloroform	0.327	0.219	--	1.60	1.07	--		1.096
Tetrahydrofuran	0.692	0.548	--	2.04	1.62	--		1.096
1,2-Dichloroethane	1.59	0.219	--	6.44	0.886	--		1.096
n-Hexane	13.0	0.219	--	45.8	0.772	--		1.096
1,1,1-Trichloroethane	1.13	0.219	--	6.17	1.19	--		1.096
Benzene	31.5	0.219	--	101	0.700	--		1.096
Carbon tetrachloride	0.247	0.219	--	1.55	1.38	--		1.096
Cyclohexane	3.42	0.219	--	11.8	0.754	--		1.096
1,2-Dichloropropane	ND	0.219	--	ND	1.01	--		1.096
Bromodichloromethane	ND	0.219	--	ND	1.47	--		1.096
1,4-Dioxane	0.390	0.219	--	1.41	0.789	--		1.096
Trichloroethene	0.309	0.219	--	1.66	1.18	--		1.096
2,2,4-Trimethylpentane	1.87	0.219	--	8.73	1.02	--		1.096
Heptane	2.00	0.219	--	8.20	0.897	--		1.096
cis-1,3-Dichloropropene	ND	0.219	--	ND	0.994	--		1.096
4-Methyl-2-pentanone	4.79	0.548	--	19.6	2.25	--		1.096
trans-1,3-Dichloropropene	ND	0.219	--	ND	0.994	--		1.096
1,1,2-Trichloroethane	ND	0.219	--	ND	1.19	--		1.096
Toluene	6.36	0.219	--	24.0	0.825	--		1.096
2-Hexanone	0.808	0.219	--	3.31	0.897	--		1.096
Dibromochloromethane	ND	0.219	--	ND	1.87	--		1.096
1,2-Dibromoethane	ND	0.219	--	ND	1.68	--		1.096
Tetrachloroethene	ND	0.219	--	ND	1.49	--		1.096
Chlorobenzene	ND	0.219	--	ND	1.01	--		1.096
Ethylbenzene	ND	0.219	--	ND	0.951	--		1.096



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-01 D
 Client ID: SV01_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:07
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.438	--	ND	1.90	--		1.096
Bromoform	ND	0.219	--	ND	2.26	--		1.096
Styrene	0.393	0.219	--	1.67	0.932	--		1.096
1,1,2,2-Tetrachloroethane	ND	0.219	--	ND	1.50	--		1.096
o-Xylene	ND	0.219	--	ND	0.951	--		1.096
4-Ethyltoluene	ND	0.219	--	ND	1.08	--		1.096
1,3,5-Trimethylbenzene	ND	0.219	--	ND	1.08	--		1.096
1,2,4-Trimethylbenzene	0.233	0.219	--	1.15	1.08	--		1.096
Benzyl chloride	ND	0.219	--	ND	1.13	--		1.096
1,3-Dichlorobenzene	0.652	0.219	--	3.92	1.32	--		1.096
1,4-Dichlorobenzene	ND	0.219	--	ND	1.32	--		1.096
1,2-Dichlorobenzene	ND	0.219	--	ND	1.32	--		1.096
1,2,4-Trichlorobenzene	ND	0.219	--	ND	1.63	--		1.096
Naphthalene	ND	0.219	--	ND	1.15	--		1.096
Hexachlorobutadiene	ND	0.219	--	ND	2.34	--		1.096

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	111		60-140



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-01 D2
 Client ID: SV01_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:07
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/27/24 07:29
 Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Acetone	573	11.0	--	1360	26.1	--		10.96
Isopropanol	907	5.48	--	2230	13.5	--		10.96
2-Butanone	649	5.48	--	1910	16.2	--	E	10.96

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	108		60-140



Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24**SAMPLE RESULTS**

Lab ID: L2454069-01 D2

Date Collected: 09/19/24 15:07

Client ID: SV01_091924

Date Received: 09/19/24

Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 09/27/24 14:52

Analyst: JFI

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
2-Butanone	1120	9.80	--	3300	28.9	--		19.61

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	88		60-140



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-02 D
 Client ID: SV02_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 14:58
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/27/24 07:57
 Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.83	--	ND	9.05	--		9.151
Chloromethane	ND	1.83	--	ND	3.78	--		9.151
Freon-114	ND	1.83	--	ND	12.8	--		9.151
Vinyl chloride	ND	1.83	--	ND	4.68	--		9.151
1,3-Butadiene	ND	1.83	--	ND	4.05	--		9.151
Bromomethane	ND	1.83	--	ND	7.11	--		9.151
Chloroethane	ND	1.83	--	ND	4.83	--		9.151
Ethanol	415	45.8	--	782	86.3	--		9.151
Vinyl bromide	ND	1.83	--	ND	8.00	--		9.151
Acetone	397	9.15	--	943	21.7	--		9.151
Trichlorofluoromethane	ND	1.83	--	ND	10.3	--		9.151
Isopropanol	575	4.58	--	1410	11.3	--		9.151
1,1-Dichloroethene	ND	1.83	--	ND	7.26	--		9.151
Tertiary butyl Alcohol	37.7	4.58	--	114	13.9	--		9.151
Methylene chloride	ND	4.58	--	ND	15.9	--		9.151
3-Chloropropene	ND	1.83	--	ND	5.73	--		9.151
Carbon disulfide	7.55	1.83	--	23.5	5.70	--		9.151
Freon-113	ND	1.83	--	ND	14.0	--		9.151
trans-1,2-Dichloroethene	ND	1.83	--	ND	7.26	--		9.151
1,1-Dichloroethane	ND	1.83	--	ND	7.41	--		9.151
Methyl tert butyl ether	ND	1.83	--	ND	6.60	--		9.151
2-Butanone	400	4.58	--	1180	13.5	--		9.151
cis-1,2-Dichloroethene	ND	1.83	--	ND	7.26	--		9.151



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-02 D
 Client ID: SV02_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 14:58
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	4.58	--	ND	16.5	--		9.151
Chloroform	ND	1.83	--	ND	8.94	--		9.151
Tetrahydrofuran	ND	4.58	--	ND	13.5	--		9.151
1,2-Dichloroethane	ND	1.83	--	ND	7.41	--		9.151
n-Hexane	100	1.83	--	352	6.45	--		9.151
1,1,1-Trichloroethane	6.82	1.83	--	37.2	9.98	--		9.151
Benzene	35.2	1.83	--	112	5.85	--		9.151
Carbon tetrachloride	ND	1.83	--	ND	11.5	--		9.151
Cyclohexane	29.1	1.83	--	100	6.30	--		9.151
1,2-Dichloropropane	ND	1.83	--	ND	8.46	--		9.151
Bromodichloromethane	ND	1.83	--	ND	12.3	--		9.151
1,4-Dioxane	ND	1.83	--	ND	6.59	--		9.151
Trichloroethene	ND	1.83	--	ND	9.83	--		9.151
2,2,4-Trimethylpentane	ND	1.83	--	ND	8.55	--		9.151
Heptane	28.2	1.83	--	116	7.50	--		9.151
cis-1,3-Dichloropropene	ND	1.83	--	ND	8.31	--		9.151
4-Methyl-2-pentanone	ND	4.58	--	ND	18.8	--		9.151
trans-1,3-Dichloropropene	ND	1.83	--	ND	8.31	--		9.151
1,1,2-Trichloroethane	ND	1.83	--	ND	9.98	--		9.151
Toluene	10.9	1.83	--	41.1	6.90	--		9.151
2-Hexanone	2.14	1.83	--	8.77	7.50	--		9.151
Dibromochloromethane	ND	1.83	--	ND	15.6	--		9.151
1,2-Dibromoethane	ND	1.83	--	ND	14.1	--		9.151
Tetrachloroethene	ND	1.83	--	ND	12.4	--		9.151
Chlorobenzene	ND	1.83	--	ND	8.43	--		9.151
Ethylbenzene	ND	1.83	--	ND	7.95	--		9.151



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-02 D
 Client ID: SV02_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 14:58
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	3.66	--	ND	15.9	--		9.151
Bromoform	ND	1.83	--	ND	18.9	--		9.151
Styrene	ND	1.83	--	ND	7.79	--		9.151
1,1,2,2-Tetrachloroethane	ND	1.83	--	ND	12.6	--		9.151
o-Xylene	ND	1.83	--	ND	7.95	--		9.151
4-Ethyltoluene	ND	1.83	--	ND	9.00	--		9.151
1,3,5-Trimethylbenzene	ND	1.83	--	ND	9.00	--		9.151
1,2,4-Trimethylbenzene	ND	1.83	--	ND	9.00	--		9.151
Benzyl chloride	ND	1.83	--	ND	9.48	--		9.151
1,3-Dichlorobenzene	2.99	1.83	--	18.0	11.0	--		9.151
1,4-Dichlorobenzene	ND	1.83	--	ND	11.0	--		9.151
1,2-Dichlorobenzene	ND	1.83	--	ND	11.0	--		9.151
1,2,4-Trichlorobenzene	ND	1.83	--	ND	13.6	--		9.151
Naphthalene	ND	1.83	--	ND	9.60	--		9.151
Hexachlorobutadiene	ND	1.83	--	ND	19.5	--		9.151

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	109		60-140



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-03 D
 Client ID: SV03_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:02
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/26/24 22:26
 Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	3.25	0.227	--	16.1	1.12	--		1.135
Chloromethane	1.10	0.227	--	2.27	0.469	--		1.135
Freon-114	ND	0.227	--	ND	1.59	--		1.135
Vinyl chloride	ND	0.227	--	ND	0.580	--		1.135
1,3-Butadiene	1.73	0.227	--	3.83	0.502	--		1.135
Bromomethane	ND	0.227	--	ND	0.881	--		1.135
Chloroethane	ND	0.227	--	ND	0.599	--		1.135
Ethanol	219	5.68	--	413	10.7	--		1.135
Vinyl bromide	ND	0.227	--	ND	0.992	--		1.135
Acetone	171	1.14	--	406	2.71	--		1.135
Trichlorofluoromethane	0.293	0.227	--	1.65	1.28	--		1.135
Isopropanol	437	0.568	--	1070	1.40	--	E	1.135
1,1-Dichloroethene	ND	0.227	--	ND	0.900	--		1.135
Tertiary butyl Alcohol	26.3	0.568	--	79.7	1.72	--		1.135
Methylene chloride	0.896	0.568	--	3.11	1.97	--		1.135
3-Chloropropene	ND	0.227	--	ND	0.711	--		1.135
Carbon disulfide	3.92	0.227	--	12.2	0.707	--		1.135
Freon-113	ND	0.227	--	ND	1.74	--		1.135
trans-1,2-Dichloroethene	ND	0.227	--	ND	0.900	--		1.135
1,1-Dichloroethane	1.21	0.227	--	4.90	0.919	--		1.135
Methyl tert butyl ether	ND	0.227	--	ND	0.818	--		1.135
2-Butanone	150	0.568	--	442	1.68	--	E	1.135
cis-1,2-Dichloroethene	ND	0.227	--	ND	0.900	--		1.135



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-03 D
 Client ID: SV03_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:02
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.568	--	ND	2.05	--		1.135
Chloroform	0.526	0.227	--	2.57	1.11	--		1.135
Tetrahydrofuran	0.620	0.568	--	1.83	1.68	--		1.135
1,2-Dichloroethane	1.59	0.227	--	6.44	0.919	--		1.135
n-Hexane	5.19	0.227	--	18.3	0.800	--		1.135
1,1,1-Trichloroethane	2.53	0.227	--	13.8	1.24	--		1.135
Benzene	24.0	0.227	--	76.7	0.725	--		1.135
Carbon tetrachloride	0.303	0.227	--	1.91	1.43	--		1.135
Cyclohexane	1.53	0.227	--	5.27	0.781	--		1.135
1,2-Dichloropropane	ND	0.227	--	ND	1.05	--		1.135
Bromodichloromethane	ND	0.227	--	ND	1.52	--		1.135
1,4-Dioxane	0.300	0.227	--	1.08	0.818	--		1.135
Trichloroethene	0.808	0.227	--	4.34	1.22	--		1.135
2,2,4-Trimethylpentane	0.470	0.227	--	2.20	1.06	--		1.135
Heptane	1.69	0.227	--	6.93	0.930	--		1.135
cis-1,3-Dichloropropene	ND	0.227	--	ND	1.03	--		1.135
4-Methyl-2-pentanone	5.15	0.568	--	21.1	2.33	--		1.135
trans-1,3-Dichloropropene	ND	0.227	--	ND	1.03	--		1.135
1,1,2-Trichloroethane	ND	0.227	--	ND	1.24	--		1.135
Toluene	8.31	0.227	--	31.3	0.855	--		1.135
2-Hexanone	1.14	0.227	--	4.67	0.930	--		1.135
Dibromochloromethane	ND	0.227	--	ND	1.93	--		1.135
1,2-Dibromoethane	ND	0.227	--	ND	1.74	--		1.135
Tetrachloroethene	ND	0.227	--	ND	1.54	--		1.135
Chlorobenzene	ND	0.227	--	ND	1.05	--		1.135
Ethylbenzene	ND	0.227	--	ND	0.986	--		1.135



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-03 D
 Client ID: SV03_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:02
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.518	0.454	--	2.25	1.97	--		1.135
Bromoform	ND	0.227	--	ND	2.35	--		1.135
Styrene	0.385	0.227	--	1.64	0.966	--		1.135
1,1,2,2-Tetrachloroethane	ND	0.227	--	ND	1.56	--		1.135
o-Xylene	ND	0.227	--	ND	0.986	--		1.135
4-Ethyltoluene	ND	0.227	--	ND	1.12	--		1.135
1,3,5-Trimethylbenzene	ND	0.227	--	ND	1.12	--		1.135
1,2,4-Trimethylbenzene	0.256	0.227	--	1.26	1.12	--		1.135
Benzyl chloride	ND	0.227	--	ND	1.18	--		1.135
1,3-Dichlorobenzene	1.34	0.227	--	8.06	1.36	--		1.135
1,4-Dichlorobenzene	ND	0.227	--	ND	1.36	--		1.135
1,2-Dichlorobenzene	ND	0.227	--	ND	1.36	--		1.135
1,2,4-Trichlorobenzene	ND	0.227	--	ND	1.69	--		1.135
Naphthalene	ND	0.227	--	ND	1.19	--		1.135
Hexachlorobutadiene	ND	0.227	--	ND	2.42	--		1.135

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	111		60-140



Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24**SAMPLE RESULTS**

Lab ID: L2454069-03 D2

Client ID: SV03_091924

Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:02

Date Received: 09/19/24

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 09/27/24 08:26

Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Isopropanol	546	5.68	--	1340	14.0	--		11.35
2-Butanone	174	5.68	--	513	16.8	--		11.35

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	107		60-140

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-04 D
 Client ID: SV04_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:06
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/26/24 22:54
 Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.06	1.00	--	5.24	4.94	--		5
Chloromethane	1.14	1.00	--	2.35	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	1.60	1.00	--	3.54	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	241	25.0	--	454	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	151	5.00	--	359	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	770	2.50	--	1890	6.15	--	E	5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	17.8	2.50	--	54.0	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	2.69	1.00	--	8.38	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	74.9	2.50	--	221	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-04 D
 Client ID: SV04_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:06
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	1.22	1.00	--	5.96	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	2.86	1.00	--	10.1	3.52	--		5
1,1,1-Trichloroethane	3.36	1.00	--	18.3	5.46	--		5
Benzene	13.2	1.00	--	42.2	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	ND	1.00	--	ND	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	4.26	2.50	--	17.5	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	4.59	1.00	--	17.3	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	ND	1.00	--	ND	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-04 D
 Client ID: SV04_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:06
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	2.00	--	ND	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	ND	1.00	--	ND	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	2.92	1.00	--	17.6	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Naphthalene	ND	1.00	--	ND	5.24	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	108		60-140



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-04 D2
 Client ID: SV04_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:06
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/27/24 08:55
 Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Isopropanol	827	5.00	--	2030	12.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	107		60-140

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-05 D
 Client ID: SV05_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 14:59
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 09/27/24 09:24
 Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.47	1.02	--	7.27	5.04	--		5.079
Chloromethane	ND	1.02	--	ND	2.11	--		5.079
Freon-114	ND	1.02	--	ND	7.13	--		5.079
Vinyl chloride	ND	1.02	--	ND	2.61	--		5.079
1,3-Butadiene	ND	1.02	--	ND	2.26	--		5.079
Bromomethane	ND	1.02	--	ND	3.96	--		5.079
Chloroethane	ND	1.02	--	ND	2.69	--		5.079
Ethanol	176	25.4	--	332	47.9	--		5.079
Vinyl bromide	ND	1.02	--	ND	4.46	--		5.079
Acetone	163	5.08	--	387	12.1	--		5.079
Trichlorofluoromethane	ND	1.02	--	ND	5.73	--		5.079
Isopropanol	348	2.54	--	855	6.24	--		5.079
1,1-Dichloroethene	ND	1.02	--	ND	4.04	--		5.079
Tertiary butyl Alcohol	19.4	2.54	--	58.8	7.70	--		5.079
Methylene chloride	ND	2.54	--	ND	8.82	--		5.079
3-Chloropropene	ND	1.02	--	ND	3.19	--		5.079
Carbon disulfide	10.1	1.02	--	31.5	3.18	--		5.079
Freon-113	ND	1.02	--	ND	7.82	--		5.079
trans-1,2-Dichloroethene	ND	1.02	--	ND	4.04	--		5.079
1,1-Dichloroethane	ND	1.02	--	ND	4.13	--		5.079
Methyl tert butyl ether	ND	1.02	--	ND	3.68	--		5.079
2-Butanone	214	2.54	--	631	7.49	--		5.079
cis-1,2-Dichloroethene	ND	1.02	--	ND	4.04	--		5.079



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-05 D
 Client ID: SV05_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 14:59
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.54	--	ND	9.15	--		5.079
Chloroform	ND	1.02	--	ND	4.98	--		5.079
Tetrahydrofuran	ND	2.54	--	ND	7.49	--		5.079
1,2-Dichloroethane	ND	1.02	--	ND	4.13	--		5.079
n-Hexane	25.1	1.02	--	88.5	3.59	--		5.079
1,1,1-Trichloroethane	2.71	1.02	--	14.8	5.57	--		5.079
Benzene	26.6	1.02	--	85.0	3.26	--		5.079
Carbon tetrachloride	ND	1.02	--	ND	6.42	--		5.079
Cyclohexane	3.04	1.02	--	10.5	3.51	--		5.079
1,2-Dichloropropane	ND	1.02	--	ND	4.71	--		5.079
Bromodichloromethane	ND	1.02	--	ND	6.83	--		5.079
1,4-Dioxane	ND	1.02	--	ND	3.68	--		5.079
Trichloroethene	2.99	1.02	--	16.1	5.48	--		5.079
2,2,4-Trimethylpentane	2.42	1.02	--	11.3	4.76	--		5.079
Heptane	1.76	1.02	--	7.21	4.18	--		5.079
cis-1,3-Dichloropropene	ND	1.02	--	ND	4.63	--		5.079
4-Methyl-2-pentanone	3.29	2.54	--	13.5	10.4	--		5.079
trans-1,3-Dichloropropene	ND	1.02	--	ND	4.63	--		5.079
1,1,2-Trichloroethane	ND	1.02	--	ND	5.57	--		5.079
Toluene	12.3	1.02	--	46.4	3.84	--		5.079
2-Hexanone	4.53	1.02	--	18.6	4.18	--		5.079
Dibromochloromethane	ND	1.02	--	ND	8.69	--		5.079
1,2-Dibromoethane	ND	1.02	--	ND	7.84	--		5.079
Tetrachloroethene	ND	1.02	--	ND	6.92	--		5.079
Chlorobenzene	ND	1.02	--	ND	4.70	--		5.079
Ethylbenzene	ND	1.02	--	ND	4.43	--		5.079



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-05 D
 Client ID: SV05_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 14:59
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	2.03	--	ND	8.82	--		5.079
Bromoform	ND	1.02	--	ND	10.5	--		5.079
Styrene	ND	1.02	--	ND	4.34	--		5.079
1,1,2,2-Tetrachloroethane	ND	1.02	--	ND	7.00	--		5.079
o-Xylene	ND	1.02	--	ND	4.43	--		5.079
4-Ethyltoluene	ND	1.02	--	ND	5.01	--		5.079
1,3,5-Trimethylbenzene	ND	1.02	--	ND	5.01	--		5.079
1,2,4-Trimethylbenzene	ND	1.02	--	ND	5.01	--		5.079
Benzyl chloride	ND	1.02	--	ND	5.28	--		5.079
1,3-Dichlorobenzene	2.02	1.02	--	12.1	6.13	--		5.079
1,4-Dichlorobenzene	ND	1.02	--	ND	6.13	--		5.079
1,2-Dichlorobenzene	ND	1.02	--	ND	6.13	--		5.079
1,2,4-Trichlorobenzene	ND	1.02	--	ND	7.57	--		5.079
Naphthalene	ND	1.02	--	ND	5.35	--		5.079
Hexachlorobutadiene	ND	1.02	--	ND	10.9	--		5.079

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	106		60-140
chlorobenzene-d5	111		60-140



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-06
Client ID: AA01_091924
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:09
Date Received: 09/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 09/26/24 17:38
Analyst: JMB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.479	0.200	--	2.37	0.989	--		1
Chloromethane	0.532	0.200	--	1.10	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.85	1.00	--	11.5	2.38	--		1
Trichlorofluoromethane	0.228	0.200	--	1.28	1.12	--		1
Isopropanol	1.23	0.500	--	3.02	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-06
 Client ID: AA01_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:09
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.206	0.200	--	0.726	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.413	0.200	--	1.56	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2454069-06
 Client ID: AA01_091924
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/19/24 15:09
 Date Received: 09/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	101		60-140



Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/26/24 16:34

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1976831-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/26/24 16:34

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1976831-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/26/24 16:34

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1976831-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/27/24 13:54

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1977298-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/27/24 13:54

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1977298-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 09/27/24 13:54

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1977298-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1976831-3								
Dichlorodifluoromethane	97		-		70-130	-		
Chloromethane	96		-		70-130	-		
Freon-114	124		-		70-130	-		
Vinyl chloride	108		-		70-130	-		
1,3-Butadiene	122		-		70-130	-		
Bromomethane	113		-		70-130	-		
Chloroethane	106		-		70-130	-		
Ethanol	99		-		40-160	-		
Vinyl bromide	95		-		70-130	-		
Acetone	121		-		40-160	-		
Trichlorofluoromethane	104		-		70-130	-		
Isopropanol	106		-		40-160	-		
1,1-Dichloroethene	107		-		70-130	-		
Tertiary butyl Alcohol	112		-		70-130	-		
Methylene chloride	104		-		70-130	-		
3-Chloropropene	97		-		70-130	-		
Carbon disulfide	105		-		70-130	-		
Freon-113	99		-		70-130	-		
trans-1,2-Dichloroethene	102		-		70-130	-		
1,1-Dichloroethane	96		-		70-130	-		
Methyl tert butyl ether	107		-		70-130	-		
2-Butanone	84		-		70-130	-		
cis-1,2-Dichloroethene	102		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1976831-3								
Ethyl Acetate	114		-		70-130	-		
Chloroform	112		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
1,2-Dichloroethane	99		-		70-130	-		
n-Hexane	109		-		70-130	-		
1,1,1-Trichloroethane	96		-		70-130	-		
Benzene	102		-		70-130	-		
Carbon tetrachloride	113		-		70-130	-		
Cyclohexane	112		-		70-130	-		
1,2-Dichloropropane	93		-		70-130	-		
Bromodichloromethane	115		-		70-130	-		
1,4-Dioxane	105		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	112		-		70-130	-		
Heptane	88		-		70-130	-		
cis-1,3-Dichloropropene	107		-		70-130	-		
4-Methyl-2-pentanone	92		-		70-130	-		
trans-1,3-Dichloropropene	112		-		70-130	-		
1,1,2-Trichloroethane	92		-		70-130	-		
Toluene	83		-		70-130	-		
2-Hexanone	84		-		70-130	-		
Dibromochloromethane	100		-		70-130	-		
1,2-Dibromoethane	93		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PH. 3

Project Number: 170859701

Lab Number: L2454069

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1976831-3								
Tetrachloroethene	90		-		70-130	-		
Chlorobenzene	92		-		70-130	-		
Ethylbenzene	86		-		70-130	-		
p/m-Xylene	86		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	91		-		70-130	-		
1,1,2,2-Tetrachloroethane	100		-		70-130	-		
o-Xylene	88		-		70-130	-		
4-Ethyltoluene	96		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	92		-		70-130	-		
Benzyl chloride	104		-		70-130	-		
1,3-Dichlorobenzene	96		-		70-130	-		
1,4-Dichlorobenzene	102		-		70-130	-		
1,2-Dichlorobenzene	98		-		70-130	-		
1,2,4-Trichlorobenzene	98		-		70-130	-		
Naphthalene	98		-		70-130	-		
Hexachlorobutadiene	87		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1977298-3								
Dichlorodifluoromethane	130		-		70-130	-		
Chloromethane	142	Q	-		70-130	-		
Freon-114	156	Q	-		70-130	-		
Vinyl chloride	140	Q	-		70-130	-		
1,3-Butadiene	139	Q	-		70-130	-		
Bromomethane	149	Q	-		70-130	-		
Chloroethane	141	Q	-		70-130	-		
Ethanol	135		-		40-160	-		
Vinyl bromide	133	Q	-		70-130	-		
Acetone	179	Q	-		40-160	-		
Trichlorofluoromethane	160	Q	-		70-130	-		
Isopropanol	141		-		40-160	-		
1,1-Dichloroethene	112		-		70-130	-		
Tertiary butyl Alcohol	119		-		70-130	-		
Methylene chloride	109		-		70-130	-		
3-Chloropropene	132	Q	-		70-130	-		
Carbon disulfide	100		-		70-130	-		
Freon-113	117		-		70-130	-		
trans-1,2-Dichloroethene	110		-		70-130	-		
1,1-Dichloroethane	117		-		70-130	-		
Methyl tert butyl ether	109		-		70-130	-		
2-Butanone	118		-		70-130	-		
cis-1,2-Dichloroethene	118		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1977298-3								
Ethyl Acetate	116		-		70-130	-		
Chloroform	116		-		70-130	-		
Tetrahydrofuran	114		-		70-130	-		
1,2-Dichloroethane	146	Q	-		70-130	-		
n-Hexane	115		-		70-130	-		
1,1,1-Trichloroethane	142	Q	-		70-130	-		
Benzene	102		-		70-130	-		
Carbon tetrachloride	138	Q	-		70-130	-		
Cyclohexane	105		-		70-130	-		
1,2-Dichloropropane	120		-		70-130	-		
Bromodichloromethane	127		-		70-130	-		
1,4-Dioxane	109		-		70-130	-		
Trichloroethene	109		-		70-130	-		
2,2,4-Trimethylpentane	114		-		70-130	-		
Heptane	130		-		70-130	-		
cis-1,3-Dichloropropene	119		-		70-130	-		
4-Methyl-2-pentanone	141	Q	-		70-130	-		
trans-1,3-Dichloropropene	127		-		70-130	-		
1,1,2-Trichloroethane	113		-		70-130	-		
Toluene	95		-		70-130	-		
2-Hexanone	125		-		70-130	-		
Dibromochloromethane	105		-		70-130	-		
1,2-Dibromoethane	91		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PH. 3

Project Number: 170859701

Lab Number: L2454069

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1977298-3								
Tetrachloroethene	73		-		70-130	-		
Chlorobenzene	84		-		70-130	-		
Ethylbenzene	88		-		70-130	-		
p/m-Xylene	97		-		70-130	-		
Bromoform	94		-		70-130	-		
Styrene	81		-		70-130	-		
1,1,2,2-Tetrachloroethane	97		-		70-130	-		
o-Xylene	101		-		70-130	-		
4-Ethyltoluene	84		-		70-130	-		
1,3,5-Trimethylbenzene	100		-		70-130	-		
1,2,4-Trimethylbenzene	95		-		70-130	-		
Benzyl chloride	106		-		70-130	-		
1,3-Dichlorobenzene	86		-		70-130	-		
1,4-Dichlorobenzene	84		-		70-130	-		
1,2-Dichlorobenzene	83		-		70-130	-		
1,2,4-Trichlorobenzene	82		-		70-130	-		
Naphthalene	81		-		70-130	-		
Hexachlorobutadiene	86		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1977298-5 QC Sample: L2454069-01 Client ID: SV01_091924						
2-Butanone	1120	1120	ppbV	0		25



Project Name: EAST ADAMS REDEVELOPMENT PH. 3

Serial_No:09302410:51
Lab Number: L2454069

Project Number: 170859701

Report Date: 09/30/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2454069-01	SV01_091924	02169	Flow 2	09/13/24	484953		-	-	-	Pass	40.5	40.4	0
L2454069-01	SV01_091924	3341	6.0L Can	09/13/24	484953	L2451357-03	Pass	-29.6	-11.3	-	-	-	-
L2454069-02	SV02_091924	01509	Flow 2	09/13/24	484953		-	-	-	Pass	40.5	41.5	2
L2454069-02	SV02_091924	589	6.0L Can	09/13/24	484953	L2451357-03	Pass	-29.6	-5.9	-	-	-	-
L2454069-03	SV03_091924	02335	Flow 2	09/13/24	484953		-	-	-	Pass	40.1	32.0	22
L2454069-03	SV03_091924	2273	6.0L Can	09/13/24	484953	L2451217-04	Pass	-29.6	-11.8	-	-	-	-
L2454069-04	SV04_091924	01130	Flow 2	09/13/24	484953		-	-	-	Pass	39.8	39.2	2
L2454069-04	SV04_091924	1665	6.0L Can	09/13/24	484953	L2451357-03	Pass	-29.6	-7.0	-	-	-	-
L2454069-05	SV05_091924	02008	Flow 2	09/13/24	484953		-	-	-	Pass	40.2	41.5	3
L2454069-05	SV05_091924	2804	6.0L Can	09/13/24	484953	L2451357-03	Pass	-29.6	-5.1	-	-	-	-
L2454069-06	AA01_091924	01520	Flow 2	09/13/24	484953		-	-	-	Pass	40.1	42.5	6
L2454069-06	AA01_091924	1696	6.0L Can	09/13/24	484953	L2451357-03	Pass	-29.5	-6.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451217
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451217-04
Client ID: CAN 1632 SHELF 43
Sample Location:

Date Collected: 09/07/24 07:00
Date Received: 09/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 09/07/24 19:33
Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451217
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451217-04
Client ID: CAN 1632 SHELF 43
Sample Location:

Date Collected: 09/07/24 07:00
Date Received: 09/07/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451217
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451217-04
Client ID: CAN 1632 SHELF 43
Sample Location:

Date Collected: 09/07/24 07:00
Date Received: 09/07/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451217
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451217-04
Client ID: CAN 1632 SHELF 43
Sample Location:

Date Collected: 09/07/24 07:00
Date Received: 09/07/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2451217**Project Number:** CANISTER QC BAT**Report Date:** 09/30/24**Air Canister Certification Results**

Lab ID: L2451217-04

Date Collected: 09/07/24 07:00

Client ID: CAN 1632 SHELF 43

Date Received: 09/07/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451217
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451217-04
Client ID: CAN 1632 SHELF 43
Sample Location:

Date Collected: 09/07/24 07:00
Date Received: 09/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 09/07/24 19:33
Analyst: BJB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451217
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451217-04
Client ID: CAN 1632 SHELF 43
Sample Location:

Date Collected: 09/07/24 07:00
Date Received: 09/07/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2451217**Project Number:** CANISTER QC BAT**Report Date:** 09/30/24**Air Canister Certification Results**

Lab ID: L2451217-04

Date Collected: 09/07/24 07:00

Client ID: CAN 1632 SHELF 43

Date Received: 09/07/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	92		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451357
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451357-03
Client ID: CAN 2634 SHELF 68
Sample Location:

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

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/10/24 05:20
Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451357
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451357-03
Client ID: CAN 2634 SHELF 68
Sample Location:

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

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451357
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451357-03
Client ID: CAN 2634 SHELF 68
Sample Location:

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

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451357
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451357-03
Client ID: CAN 2634 SHELF 68
Sample Location:

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

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2451357**Project Number:** CANISTER QC BAT**Report Date:** 09/30/24**Air Canister Certification Results**

Lab ID: L2451357-03

Date Collected: 09/09/24 09:00

Client ID: CAN 2634 SHELF 68

Date Received: 09/09/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Unknown	1.3	J	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451357
Report Date: 09/30/24

Air Canister Certification Results

Lab ID: L2451357-03
Client ID: CAN 2634 SHELF 68
Sample Location:

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

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 09/10/24 05:20
Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2451357
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Air Canister Certification Results

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Sample Location:

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

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2451357**Project Number:** CANISTER QC BAT**Report Date:** 09/30/24**Air Canister Certification Results**

Lab ID: L2451357-03

Date Collected: 09/09/24 09:00

Client ID: CAN 2634 SHELF 68

Date Received: 09/09/24

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	88		60-140

Project Name: EAST ADAMS REDEVELOPMENT PH. 3**Lab Number:** L2454069**Project Number:** 170859701**Report Date:** 09/30/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2454069-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2454069-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2454069-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2454069-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2454069-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2454069-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Footnotes

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

Terms

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

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: EAST ADAMS REDEVELOPMENT PH. 3
Project Number: 170859701

Lab Number: L2454069
Report Date: 09/30/24

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 21

Published Date: 04/17/2024

Page 1 of 1

Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

AIR ANALYSIS

PAGE 1 OF 1



CHAIN OF CUSTODY

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

Client Information

Client: Langan
Address: 360 W 31st Street
8th Flr, New York, NY 10001
Phone: 914-323-7437
Fax:
Email: Kwexler@langan.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: East Adams Redevelopment Phase II
Project Location: 200 Claret Terrace, Syracuse, NY
Project #: 170859701
Project Manager: Kimberly Seman
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due:

Time:

Date Rec'd in Lab: 9/20/24

Report Information - Data Deliverables

☐ FAX
☒ ADEx

Criteria Checker:
(Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #: L2454069

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

ANALYSIS

TO-15
TO-15 SIM
APH
Subtract Non-petroleum HCs
Fixed Gases
Sulfides & Mercaptans by TO-15

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller							Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum													
<u>54069-01</u>	<u>SV01-091924</u>	<u>9-19-24</u>	<u>1307</u>	<u>1507</u>	<u>29.92</u>	<u>10.21</u>	<u>SV</u>	<u>SM</u>	<u>62</u>	<u>3341</u>	<u>02164</u>	<u>X</u>							
<u>-02</u>	<u>SV02-091924</u>		<u>1258</u>	<u>1458</u>	<u>30.09</u>	<u>4.46</u>					<u>589</u>	<u>01509</u>	<u>X</u>						
<u>-03</u>	<u>SV03-091924</u>		<u>1302</u>	<u>1502</u>	<u>30.01</u>	<u>10.67</u>					<u>2273</u>	<u>02335</u>	<u>X</u>						
<u>-04</u>	<u>SV04-091924</u>		<u>1306</u>	<u>1506</u>	<u>30.10</u>	<u>5.05</u>					<u>1045</u>	<u>0130</u>	<u>X</u>						
<u>-05</u>	<u>SV05-091924</u>		<u>1259</u>	<u>1459</u>	<u>30.19</u>	<u>4.04</u>					<u>2004</u>	<u>02008</u>	<u>X</u>						
<u>-06</u>	<u>AA01-091924</u>		<u>1309</u>	<u>1509</u>	<u>29.96</u>	<u>5.31</u>	<u>AA</u>				<u>1946</u>	<u>01520</u>	<u>X</u>						

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time:



ANALYTICAL REPORT

Lab Number:	L2455374
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Kimberly Semon
Phone:	(212) 479-5486
Project Name:	EAST ADAMS REDEVELOPMENT PHIII
Project Number:	170859701
Report Date:	09/30/24

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

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

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



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2455374-01	MW01_092524	WATER	200 CHAVEZ TERRACE, SYRACUSE NY	09/25/24 09:25	09/25/24
L2455374-02	MW02_092524	WATER	200 CHAVEZ TERRACE, SYRACUSE NY	09/25/24 11:35	09/25/24
L2455374-03	MW04_092524	WATER	200 CHAVEZ TERRACE, SYRACUSE NY	09/25/24 13:20	09/25/24
L2455374-04	MW03_092524	WATER	200 CHAVEZ TERRACE, SYRACUSE NY	09/25/24 14:30	09/25/24

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Case Narrative

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

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

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

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

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

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.

Semivolatile Organics

The WG1977534-2/-3 LCS/LCSD recoveries, associated with L2455374-01 through -04, are below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

PCBs

The surrogate recoveries for the WG1977665-1 Method Blank, associated with L2455374-01 through -04, are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (29%/25%). The associated samples are non-detect and have acceptable surrogate recoveries; therefore, no further actions were taken.

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 O'Neill

Title: Technical Director/Representative

Date: 09/30/24

ORGANICS

VOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/27/24 15:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	107		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/27/24 15:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.34	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	113		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/27/24 15:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/27/24 16:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/27/24 08:29
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1977479-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/27/24 08:29
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1977479-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/27/24 08:29
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1977479-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2455374

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1977479-3 WG1977479-4								
Methylene chloride	100		98		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	94		98		63-132	4		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	98		97		63-130	1		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	92		93		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	93		96		67-130	3		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	96		95		70-130	1		20
cis-1,3-Dichloropropene	94		97		70-130	3		20
1,1-Dichloropropene	93		95		70-130	2		20
Bromoform	90		86		54-136	5		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	96		95		70-130	1		20
Chloromethane	100		110		64-130	10		20
Bromomethane	100		94		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2455374

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1977479-3 WG1977479-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	140	Q	140	Q	55-138	0		20
1,1-Dichloroethene	90		95		61-145	5		20
trans-1,2-Dichloroethene	93		98		70-130	5		20
Trichloroethene	94		96		70-130	2		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	89		90		63-130	1		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	94		95		70-130	1		20
Dibromomethane	99		100		70-130	1		20
1,2,3-Trichloropropane	99		100		64-130	1		20
Acrylonitrile	110		100		70-130	10		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	87		82		58-148	6		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	93		100		63-138	7		20
Vinyl acetate	140	Q	150	Q	70-130	7		20
4-Methyl-2-pentanone	88		89		59-130	1		20
2-Hexanone	76		81		57-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2455374

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1977479-3 WG1977479-4								
Bromochloromethane	98		100		70-130	2		20
2,2-Dichloropropane	99		98		63-133	1		20
1,2-Dibromoethane	97		98		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	99		98		64-130	1		20
Bromobenzene	96		93		70-130	3		20
n-Butylbenzene	98		95		53-136	3		20
sec-Butylbenzene	94		92		70-130	2		20
tert-Butylbenzene	92		92		70-130	0		20
o-Chlorotoluene	97		94		70-130	3		20
p-Chlorotoluene	97		98		70-130	1		20
1,2-Dibromo-3-chloropropane	79		78		41-144	1		20
Hexachlorobutadiene	86		91		63-130	6		20
Isopropylbenzene	91		91		70-130	0		20
p-Isopropyltoluene	92		92		70-130	0		20
Naphthalene	70		70		70-130	0		20
n-Propylbenzene	94		92		69-130	2		20
1,2,3-Trichlorobenzene	81		83		70-130	2		20
1,2,4-Trichlorobenzene	84		84		70-130	0		20
1,3,5-Trimethylbenzene	95		94		64-130	1		20
1,2,4-Trimethylbenzene	94		95		70-130	1		20
1,4-Dioxane	70		66		56-162	6		20
p-Diethylbenzene	89		89		70-130	0		20

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1977479-3 WG1977479-4								
p-Ethyltoluene	94		92		70-130	2		20
1,2,4,5-Tetramethylbenzene	78		78		70-130	0		20
Ethyl ether	90		100		59-134	11		20
trans-1,4-Dichloro-2-butene	97		99		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		112		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	90		91		70-130
Dibromofluoromethane	103		104		70-130

SEMIVOLATILES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/29/24 18:27
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	2.8	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	74		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/29/24 18:52
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

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

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	91		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/29/24 18:52
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	17	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	22		10-120
4-Terphenyl-d14	79		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/29/24 19:08
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

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

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	20	Q	21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	94		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/29/24 19:18
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	77		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/29/24 19:25
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

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

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	95		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/30/24 14:19
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	1.1	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	69		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/29/24 19:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

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

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	92		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/29/24 15:04
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1977534-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	3.1	J	ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/29/24 15:04
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1977534-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/29/24 15:04
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1977534-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	19	Q	21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	19		10-120
4-Terphenyl-d14	70		41-149

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/29/24 18:35
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1977535-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/29/24 18:35
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 08:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1977535-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	20	Q	21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	35		10-120
4-Terphenyl-d14	89		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2455374

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1977534-2 WG1977534-3								
Acenaphthene	60		60		37-111	0		30
1,2,4-Trichlorobenzene	44		45		39-98	2		30
Hexachlorobenzene	56		57		40-140	2		30
Bis(2-chloroethyl)ether	54		55		40-140	2		30
2-Chloronaphthalene	56		54		40-140	4		30
1,2-Dichlorobenzene	44		43		40-140	2		30
1,3-Dichlorobenzene	40		40		40-140	0		30
1,4-Dichlorobenzene	42		43		36-97	2		30
3,3'-Dichlorobenzidine	63		66		40-140	5		30
2,4-Dinitrotoluene	68		73		48-143	7		30
2,6-Dinitrotoluene	70		75		40-140	7		30
Fluoranthene	73		76		40-140	4		30
4-Chlorophenyl phenyl ether	62		64		40-140	3		30
4-Bromophenyl phenyl ether	61		65		40-140	6		30
Bis(2-chloroisopropyl)ether	72		72		40-140	0		30
Bis(2-chloroethoxy)methane	66		65		40-140	2		30
Hexachlorobutadiene	44		41		40-140	7		30
Hexachlorocyclopentadiene	35	Q	31	Q	40-140	12		30
Hexachloroethane	44		44		40-140	0		30
Isophorone	71		69		40-140	3		30
Naphthalene	50		49		40-140	2		30
Nitrobenzene	62		65		40-140	5		30
NDPA/DPA	72		75		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2455374

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1977534-2 WG1977534-3								
n-Nitrosodi-n-propylamine	70		69		29-132	1		30
Bis(2-ethylhexyl)phthalate	99		102		40-140	3		30
Butyl benzyl phthalate	94		99		40-140	5		30
Di-n-butylphthalate	105		110		40-140	5		30
Di-n-octylphthalate	99		106		40-140	7		30
Diethyl phthalate	81		87		40-140	7		30
Dimethyl phthalate	72		75		40-140	4		30
Benzo(a)anthracene	67		69		40-140	3		30
Benzo(a)pyrene	70		74		40-140	6		30
Benzo(b)fluoranthene	75		74		40-140	1		30
Benzo(k)fluoranthene	65		66		40-140	2		30
Chrysene	67		70		40-140	4		30
Acenaphthylene	62		62		45-123	0		30
Anthracene	69		74		40-140	7		30
Benzo(ghi)perylene	71		73		40-140	3		30
Fluorene	68		67		40-140	1		30
Phenanthrene	66		69		40-140	4		30
Dibenzo(a,h)anthracene	68		72		40-140	6		30
Indeno(1,2,3-cd)pyrene	72		78		40-140	8		30
Pyrene	71		75		26-127	5		30
Biphenyl	52		51		40-140	2		30
4-Chloroaniline	55		57		40-140	4		30
2-Nitroaniline	71		74		52-143	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2455374

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1977534-2 WG1977534-3								
3-Nitroaniline	71		72		25-145	1		30
4-Nitroaniline	72		78		51-143	8		30
Dibenzofuran	61		62		40-140	2		30
2-Methylnaphthalene	56		52		40-140	7		30
1,2,4,5-Tetrachlorobenzene	45		44		2-134	2		30
Acetophenone	64		60		39-129	6		30
2,4,6-Trichlorophenol	67		33		30-130	68	Q	30
p-Chloro-m-cresol	77		72		23-97	7		30
2-Chlorophenol	53		31		27-123	52	Q	30
2,4-Dichlorophenol	64		37		30-130	53	Q	30
2,4-Dimethylphenol	40		43		30-130	7		30
2-Nitrophenol	58		32		30-130	58	Q	30
4-Nitrophenol	52		21		10-80	85	Q	30
2,4-Dinitrophenol	99		62		20-130	46	Q	30
4,6-Dinitro-o-cresol	84		52		20-164	47	Q	30
Pentachlorophenol	84		55		9-103	42	Q	30
Phenol	36		23		12-110	44	Q	30
2-Methylphenol	54		54		30-130	0		30
3-Methylphenol/4-Methylphenol	56		52		30-130	7		30
2,4,5-Trichlorophenol	74		40		30-130	60	Q	30
Benzoic Acid	0	Q	0	Q	10-164	NC		30
Benzyl Alcohol	64		65		26-116	2		30
Carbazole	74		76		55-144	3		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1977534-2 WG1977534-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		19	Q	21-120
Phenol-d6	34		20		10-120
Nitrobenzene-d5	55		57		23-120
2-Fluorobiphenyl	55		56		15-120
2,4,6-Tribromophenol	54		25		10-120
4-Terphenyl-d14	64		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1977535-2 WG1977535-3								
Acenaphthene	72		73		40-140	1		40
2-Chloronaphthalene	67		65		40-140	3		40
Fluoranthene	84		89		40-140	6		40
Hexachlorobutadiene	50		47		40-140	6		40
Naphthalene	59		57		40-140	3		40
Benzo(a)anthracene	94		96		40-140	2		40
Benzo(a)pyrene	97		102		40-140	5		40
Benzo(b)fluoranthene	96		102		40-140	6		40
Benzo(k)fluoranthene	97		100		40-140	3		40
Chrysene	90		95		40-140	5		40
Acenaphthylene	74		74		40-140	0		40
Anthracene	85		89		40-140	5		40
Benzo(ghi)perylene	87		91		40-140	4		40
Fluorene	76		79		40-140	4		40
Phenanthrene	82		85		40-140	4		40
Dibenzo(a,h)anthracene	92		96		40-140	4		40
Indeno(1,2,3-cd)pyrene	98		103		40-140	5		40
Pyrene	82		86		40-140	5		40
2-Methylnaphthalene	66		65		40-140	2		40
Pentachlorophenol	95		51		40-140	60	Q	40
Hexachlorobenzene	80		85		40-140	6		40
Hexachloroethane	46		46		40-140	0		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1977535-2 WG1977535-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		21		21-120
Phenol-d6	39		25		10-120
Nitrobenzene-d5	71		68		23-120
2-Fluorobiphenyl	70		69		15-120
2,4,6-Tribromophenol	89		48		10-120
4-Terphenyl-d14	79		83		41-149

PCBS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/29/24 14:39
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 19:21
Cleanup Method: EPA 3665A
Cleanup Date: 09/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	31		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	31		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/29/24 14:48
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 19:21
Cleanup Method: EPA 3665A
Cleanup Date: 09/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/29/24 14:57
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 19:21
Cleanup Method: EPA 3665A
Cleanup Date: 09/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/29/24 15:05
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 19:21
Cleanup Method: EPA 3665A
Cleanup Date: 09/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	B
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/29/24 14:13
 Analyst: SDC

Extraction Method: EPA 3510C
 Extraction Date: 09/28/24 19:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/29/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1977665-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	29	Q	30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	25	Q	30-150	B
Decachlorobiphenyl	70		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1977665-2 WG1977665-3									
Aroclor 1016	59		64		40-140	8		50	A
Aroclor 1260	78		80		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		38		30-150	A
Decachlorobiphenyl	68		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	32		36		30-150	B
Decachlorobiphenyl	61		60		30-150	B

PESTICIDES

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/29/24 10:19
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/29/24 10:30
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/29/24 10:41
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/29/24 10:53
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/29/24 09:45
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1977666-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/29/24 09:45
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 09/28/24 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1977666-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2455374

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1977666-2 WG1977666-3									
Delta-BHC	68		76		30-150	11		20	A
Lindane	73		76		30-150	4		20	A
Alpha-BHC	76		78		30-150	3		20	A
Beta-BHC	72		75		30-150	4		20	A
Heptachlor	75		79		30-150	5		20	A
Aldrin	73		75		30-150	3		20	A
Heptachlor epoxide	73		76		30-150	4		20	A
Endrin	74		80		30-150	8		20	A
Endrin aldehyde	52		67		30-150	24	Q	20	A
Endrin ketone	78		83		30-150	6		20	A
Dieldrin	77		80		30-150	4		20	A
4,4'-DDE	70		72		30-150	3		20	A
4,4'-DDD	77		80		30-150	4		20	A
4,4'-DDT	74		78		30-150	5		20	A
Endosulfan I	71		74		30-150	4		20	A
Endosulfan II	73		78		30-150	6		20	A
Endosulfan sulfate	72		78		30-150	8		20	A
Methoxychlor	81		86		30-150	6		20	A
cis-Chlordane	70		71		30-150	1		20	A
trans-Chlordane	87		90		30-150	4		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1977666-2 WG1977666-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		76		30-150	A
Decachlorobiphenyl	69		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		71		30-150	B
Decachlorobiphenyl	67		67		30-150	B

METALS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
 Client ID: MW01_092524
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00632	J	mg/l	0.0100	0.00327	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00285		mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Barium, Total	0.09354		mg/l	0.00050	0.00017	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Calcium, Total	133.		mg/l	0.100	0.0394	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00027	J	mg/l	0.00100	0.00017	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00050		mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Copper, Total	0.00067	J	mg/l	0.00100	0.00038	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Iron, Total	0.458		mg/l	0.0500	0.0191	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Magnesium, Total	24.2		mg/l	0.0700	0.0242	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Manganese, Total	0.3940		mg/l	0.00100	0.00044	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/29/24 14:22	09/30/24 09:57	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00084	J	mg/l	0.00200	0.00055	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Potassium, Total	3.47		mg/l	0.100	0.0309	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Sodium, Total	38.3		mg/l	0.100	0.0293	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/29/24 13:39	09/30/24 08:13	EPA 3005A	1,6020B	NTB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.003	1		09/30/24 08:13	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
 Client ID: MW01_092524
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00439	J	mg/l	0.0100	0.00327	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00239		mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.08663		mg/l	0.00050	0.00017	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	130.		mg/l	0.100	0.0394	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00054		mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00076	J	mg/l	0.00100	0.00038	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	24.7		mg/l	0.0700	0.0242	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.4137		mg/l	0.00100	0.00044	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	0.00020		mg/l	0.00020	0.00009	1	09/29/24 12:30	09/30/24 09:40	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00077	J	mg/l	0.00200	0.00055	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	3.36		mg/l	0.100	0.0309	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	37.0		mg/l	0.100	0.0293	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/29/24 12:00	09/30/24 10:20	EPA 3005A	1,6020B	NTB



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
 Client ID: MW02_092524
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
 Date Received: 09/25/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00699	J	mg/l	0.0100	0.00327	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00188		mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Barium, Total	0.1339		mg/l	0.00050	0.00017	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Calcium, Total	221.		mg/l	0.100	0.0394	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00054	J	mg/l	0.00100	0.00017	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00144		mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Copper, Total	0.00097	J	mg/l	0.00100	0.00038	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Iron, Total	0.0575		mg/l	0.0500	0.0191	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Magnesium, Total	40.1		mg/l	0.0700	0.0242	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Manganese, Total	0.8284		mg/l	0.00100	0.00044	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/29/24 14:22	09/30/24 10:01	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00330		mg/l	0.00200	0.00055	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Potassium, Total	2.22		mg/l	0.100	0.0309	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Sodium, Total	322.		mg/l	1.00	0.293	10	09/29/24 13:39	09/30/24 08:44	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/29/24 13:39	09/30/24 08:17	EPA 3005A	1,6020B	NTB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.003	1		09/30/24 08:17	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
 Client ID: MW02_092524
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
 Date Received: 09/25/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00577	J	mg/l	0.0100	0.00327	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00217		mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1368		mg/l	0.00050	0.00017	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	219.		mg/l	0.100	0.0394	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00157		mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00088	J	mg/l	0.00100	0.00038	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	41.0		mg/l	0.0700	0.0242	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.9116		mg/l	0.00100	0.00044	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	0.00014	J	mg/l	0.00020	0.00009	1	09/29/24 12:30	09/30/24 09:43	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00349		mg/l	0.00200	0.00055	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	1.97		mg/l	0.100	0.0309	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	336.		mg/l	1.00	0.293	10	09/29/24 12:00	09/30/24 10:58	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/29/24 12:00	09/30/24 10:25	EPA 3005A	1,6020B	NTB



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
 Client ID: MW04_092524
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
 Date Received: 09/25/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0383		mg/l	0.0100	0.00327	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00025	J	mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Barium, Total	0.1022		mg/l	0.00050	0.00017	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Calcium, Total	114.		mg/l	0.100	0.0394	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00027	J	mg/l	0.00100	0.00017	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00041	J	mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Copper, Total	0.00172		mg/l	0.00100	0.00038	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Iron, Total	0.0772		mg/l	0.0500	0.0191	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Magnesium, Total	21.3		mg/l	0.0700	0.0242	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1822		mg/l	0.00100	0.00044	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/29/24 14:22	09/30/24 10:04	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00104	J	mg/l	0.00200	0.00055	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Potassium, Total	10.9		mg/l	0.100	0.0309	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00255	J	mg/l	0.00500	0.00173	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Sodium, Total	9.27		mg/l	0.100	0.0293	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/29/24 13:39	09/30/24 08:22	EPA 3005A	1,6020B	NTB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	ND		mg/l	0.010	0.003	1		09/30/24 08:22	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
 Client ID: MW04_092524
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
 Date Received: 09/25/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00620	J	mg/l	0.0100	0.00327	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00025	J	mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1020		mg/l	0.00050	0.00017	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	112.		mg/l	0.100	0.0394	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00039	J	mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00189		mg/l	0.00100	0.00038	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	21.6		mg/l	0.0700	0.0242	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1880		mg/l	0.00100	0.00044	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/29/24 12:30	09/30/24 09:47	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00101	J	mg/l	0.00200	0.00055	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	10.9		mg/l	0.100	0.0309	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	0.00224	J	mg/l	0.00500	0.00173	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	9.50		mg/l	0.100	0.0293	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/29/24 12:00	09/30/24 10:29	EPA 3005A	1,6020B	NTB



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
 Client ID: MW03_092524
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
 Date Received: 09/25/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0159		mg/l	0.0100	0.00327	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00034	J	mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Barium, Total	0.1204		mg/l	0.00050	0.00017	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Calcium, Total	188.		mg/l	0.100	0.0394	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00032	J	mg/l	0.00100	0.00017	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00026	J	mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Copper, Total	0.00266		mg/l	0.00100	0.00038	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Iron, Total	0.0230	J	mg/l	0.0500	0.0191	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Magnesium, Total	40.8		mg/l	0.0700	0.0242	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1150		mg/l	0.00100	0.00044	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/29/24 14:22	09/30/24 10:07	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00135	J	mg/l	0.00200	0.00055	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Potassium, Total	5.55		mg/l	0.100	0.0309	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Sodium, Total	19.7		mg/l	0.100	0.0293	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/29/24 13:39	09/30/24 08:39	EPA 3005A	1,6020B	NTB

General Chemistry - Mansfield Lab

Chromium, Trivalent	ND		mg/l	0.010	0.003	1		09/30/24 08:39	NA	107,-	



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
 Client ID: MW03_092524
 Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
 Date Received: 09/25/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00710	J	mg/l	0.0100	0.00327	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	0.00120	J	mg/l	0.00400	0.00042	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00023	J	mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1215		mg/l	0.00050	0.00017	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	184.		mg/l	0.100	0.0394	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00024	J	mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00220		mg/l	0.00100	0.00038	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0286	J	mg/l	0.0500	0.0191	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	42.1		mg/l	0.0700	0.0242	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1168		mg/l	0.00100	0.00044	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/29/24 12:30	09/30/24 09:50	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00116	J	mg/l	0.00200	0.00055	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	5.75		mg/l	0.100	0.0309	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	20.2		mg/l	0.100	0.0293	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/29/24 12:00	09/30/24 10:54	EPA 3005A	1,6020B	NTB



Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2455374

Project Number: 170859701

Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1977194-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/29/24 13:39	09/30/24 07:41	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1977198-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/29/24 14:22	09/30/24 09:41	1,7470A	MJR



Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2455374

Project Number: 170859701

Report Date: 09/30/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1977322-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Antimony, Dissolved	0.00066	J	mg/l	0.00400	0.00042	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Arsenic, Dissolved	0.00021	J	mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Sodium, Dissolved	0.0712	J	mg/l	0.100	0.0293	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/29/24 12:00	09/30/24 09:49	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A



Project Name: EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1977326-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/29/24 12:30	09/30/24 09:10	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Lab Number: L2455374

Project Number: 170859701

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1977194-2								
Aluminum, Total	97		-		80-120	-		
Antimony, Total	89		-		80-120	-		
Arsenic, Total	103		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	109		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	89		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	108		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	94		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	97		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1977194-2					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1977198-2					
Mercury, Total	110	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1977322-2					
Aluminum, Dissolved	100	-	80-120	-	
Antimony, Dissolved	86	-	80-120	-	
Arsenic, Dissolved	105	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Beryllium, Dissolved	109	-	80-120	-	
Cadmium, Dissolved	100	-	80-120	-	
Calcium, Dissolved	86	-	80-120	-	
Chromium, Dissolved	101	-	80-120	-	
Cobalt, Dissolved	106	-	80-120	-	
Copper, Dissolved	106	-	80-120	-	
Iron, Dissolved	111	-	80-120	-	
Lead, Dissolved	97	-	80-120	-	
Magnesium, Dissolved	98	-	80-120	-	
Manganese, Dissolved	109	-	80-120	-	
Nickel, Dissolved	107	-	80-120	-	
Potassium, Dissolved	97	-	80-120	-	
Selenium, Dissolved	102	-	80-120	-	
Silver, Dissolved	102	-	80-120	-	
Sodium, Dissolved	101	-	80-120	-	
Thallium, Dissolved	99	-	80-120	-	
Vanadium, Dissolved	97	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1977322-2					
Zinc, Dissolved	110	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1977326-2					
Mercury, Dissolved	113	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04			QC Batch ID: WG1977194-3			QC Sample: L2454668-02			Client ID: MS Sample			
Aluminum, Total	0.526	2	2.58	103		-	-		75-125	-		20
Antimony, Total	0.00221J	0.5	0.4399	88		-	-		75-125	-		20
Arsenic, Total	0.0287	0.12	0.1546	105		-	-		75-125	-		20
Barium, Total	0.0030	2	2.042	102		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05444	109		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05599	106		-	-		75-125	-		20
Calcium, Total	23.3	10	32.5	92		-	-		75-125	-		20
Chromium, Total	0.0011	0.2	0.2057	102		-	-		75-125	-		20
Cobalt, Total	0.0004J	0.5	0.5367	107		-	-		75-125	-		20
Copper, Total	0.0019	0.25	0.2801	111		-	-		75-125	-		20
Iron, Total	0.518	1	1.62	110		-	-		75-125	-		20
Lead, Total	0.0006J	0.53	0.5216	98		-	-		75-125	-		20
Magnesium, Total	2.71	10	12.4	97		-	-		75-125	-		20
Manganese, Total	0.0185	0.5	0.5473	106		-	-		75-125	-		20
Nickel, Total	0.001J	0.5	0.5295	106		-	-		75-125	-		20
Potassium, Total	2.62	10	12.2	96		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.124	103		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05218	104		-	-		75-125	-		20
Sodium, Total	8.91	10	19.0	101		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1183	98		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.5015	100		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04			QC Batch ID: WG1977194-3		QC Sample: L2454668-02		Client ID: MS Sample		
Zinc, Total	0.0071J	0.5	0.5587	112	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04			QC Batch ID: WG1977198-3		QC Sample: L2454668-04		Client ID: MS Sample		
Mercury, Total	ND	0.005	0.00512	102	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1977322-3 QC Sample: L2454668-01 Client ID: MS Sample									
Aluminum, Dissolved	0.023	2	2.08	103	-	-	75-125	-	20
Antimony, Dissolved	0.00161J	0.5	0.5347	107	-	-	75-125	-	20
Arsenic, Dissolved	0.0014	0.12	0.1382	114	-	-	75-125	-	20
Barium, Dissolved	0.1061	2	2.201	105	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05149	103	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.053	0.05755	108	-	-	75-125	-	20
Calcium, Dissolved	42.9	10	54.6	117	-	-	75-125	-	20
Chromium, Dissolved	0.0010	0.2	0.2076	103	-	-	75-125	-	20
Cobalt, Dissolved	0.0035	0.5	0.5594	111	-	-	75-125	-	20
Copper, Dissolved	0.0025	0.25	0.2919	116	-	-	75-125	-	20
Iron, Dissolved	0.046J	1	1.18	118	-	-	75-125	-	20
Lead, Dissolved	0.0005J	0.53	0.5414	102	-	-	75-125	-	20
Magnesium, Dissolved	8.42	10	19.0	106	-	-	75-125	-	20
Manganese, Dissolved	1.054	0.5	1.673	124	-	-	75-125	-	20
Nickel, Dissolved	0.0089	0.5	0.5613	110	-	-	75-125	-	20
Potassium, Dissolved	43.1	10	56.3	132	Q	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.124	103	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05308	106	-	-	75-125	-	20
Sodium, Dissolved	121	10	150	290	Q	-	75-125	-	20
Thallium, Dissolved	0.00021J	0.12	0.1240	103	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4793	96	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1977322-3 QC Sample: L2454668-01 Client ID: MS Sample									
Zinc, Dissolved	0.0061J	0.5	0.5721	114	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1977326-3 QC Sample: L2454562-06 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00512	102	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: EAST ADAMS REDEVELOPMENT PHIII

Project Number: 170859701

Lab Number: L2455374

Report Date: 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1977194-4 QC Sample: L2454668-02 Client ID: DUP Sample						
Antimony, Total	0.00221J	0.00271J	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1977198-4 QC Sample: L2454668-04 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1977322-4 QC Sample: L2454668-01 Client ID: DUP Sample						
Antimony, Dissolved	0.00161J	0.00100J	mg/l	NC		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Thallium, Dissolved	0.00021J	0.00019J	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1977326-4 QC Sample: L2454562-06 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-01
Client ID: MW01_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

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

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	09/26/24 08:30	09/26/24 09:08	1,7196A	JBB



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-02
Client ID: MW02_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 11:35
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	09/26/24 08:30	09/26/24 09:09	1,7196A	JBB



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-03
Client ID: MW04_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 13:20
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	09/26/24 08:30	09/26/24 09:09	1,7196A	JBB



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455374-04
Client ID: MW03_092524
Sample Location: 200 CHAVEZ TERRACE, SYRACUSE NY

Date Collected: 09/25/24 14:30
Date Received: 09/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	09/26/24 08:30	09/26/24 09:09	1,7196A	JBB



Project Name: EAST ADAMS REDEVELOPMENT PHII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24**Method Blank Analysis**
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1976579-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	09/26/24 08:30	09/26/24 09:06	1,7196A	JBB

Lab Control Sample Analysis**Batch Quality Control****Project Name:** EAST ADAMS REDEVELOPMENT PHIII**Project Number:** 170859701**Lab Number:** L2455374**Report Date:** 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1976579-2								
Chromium, Hexavalent	97		-		85-115	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1976579-4 QC Sample: L2455374-04 Client ID: MW03_092524												
Chromium, Hexavalent	ND	0.1	0.101	101		-	-		85-115	-		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII**Project Number:** 170859701**Lab Duplicate Analysis***Batch Quality Control***Lab Number:** L2455374**Report Date:** 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1976579-3 QC Sample: L2455374-01 Client ID: MW01_092524						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2455374-01A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-01B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-01C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-01D	Amber 100ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455374-01E	Amber 100ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455374-01F	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-01G	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-01H	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-01I	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		HEXCR-7196(1)
L2455374-01J	Plastic 250ml unpreserved	A	7	7	3.9	Y	Absent		-
L2455374-01K	Plastic 250ml HNO3 preserved	A	<2	<2	3.9	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2455374-01X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.9	Y	Absent		CU-6020S(180),V-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),BA-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2455374-02A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-02B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No:09302416:00
Lab Number: L2455374
Report Date: 09/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2455374-02C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-02D	Amber 100ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455374-02E	Amber 100ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455374-02F	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-02G	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-02H	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-02I	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		HEXCR-7196(1)
L2455374-02J	Plastic 250ml unpreserved	A	7	7	3.9	Y	Absent		-
L2455374-02K	Plastic 250ml HNO3 preserved	A	<2	<2	3.9	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2455374-02X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.9	Y	Absent		V-6020S(180),K-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NA-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2455374-03A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-03B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-03C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-03D	Amber 100ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455374-03E	Amber 100ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455374-03F	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-03G	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-03H	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)

Project Name: EAST ADAMS REDEVELOPMENT PHIII**Lab Number:** L2455374**Project Number:** 170859701**Report Date:** 09/30/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2455374-03I	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		HEXCR-7196(1)
L2455374-03J	Plastic 250ml unpreserved	A	7	7	3.9	Y	Absent		-
L2455374-03K	Plastic 250ml HNO3 preserved	A	<2	<2	3.9	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2455374-03X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.9	Y	Absent		SE-6020S(180),V-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),MG-6020S(180),CO-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),BA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2455374-04A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-04B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-04C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L2455374-04D	Amber 100ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455374-04E	Amber 100ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455374-04F	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-04G	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-04H	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455374-04I	Amber 120ml unpreserved	A	7	7	3.9	Y	Absent		HEXCR-7196(1)
L2455374-04J	Plastic 250ml unpreserved	A	7	7	3.9	Y	Absent		-
L2455374-04K	Plastic 250ml HNO3 preserved	A	<2	<2	3.9	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Serial_No:09302416:00
Lab Number: L2455374
Report Date: 09/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2455374-04X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.9	Y	Absent		CU-6020S(180),SE-6020S(180),K-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),TL-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Footnotes

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

Terms

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

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: EAST ADAMS REDEVELOPMENT PHIII
Project Number: 170859701

Lab Number: L2455374
Report Date: 09/30/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Calculation method.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 21

Published Date: 04/17/2024

Page 1 of 1

Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

7.0 LIMITATIONS

This report was prepared expressly for MBSDI for the East Adams Redevelopment Phase Three Area property, located at 200 Chavez Terrace in Syracuse, New York, and for the objectives defined here. Special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions. Even a comprehensive sampling and testing program implemented in accordance with a professional standard of care may fail to detect certain conditions. The environmental, geologic, geotechnical, geochemical, and hydrogeologic conditions that Langan interprets to exist between sampling points may differ from those that actually exist. Actual conditions will vary from those encountered at the locations where borings, sampling, surveys, observations or explorations are made by Langan or its subcontractors and the data, interpretation, and recommendations of Langan are based solely on the information available to it. Furthermore, the passage of time, natural occurrences, and/or direct or indirect human intervention at or near the site may substantially alter discovered conditions. Langan cannot be responsible for interpretations by others of the information Langan develops or provides to MBSDI without specific written authorization from Langan.