



C&S Engineers, Inc.

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Building 2 Soil Vapor Intrusion Assessment

Urban Villages Brownfield Cleanup Program Site

Site Number C734154

100 Buckley Road, Town of Salina, Onondaga County, New York

Prepared for:

UR-ban Villages PFA, LLC
925 Seventh North Street
Liverpool, New York 13088

June 11, 2026

C&S Project No. X82.002.002

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CERTIFICATION

I, H. Nevin Bradford, III, certify that I am currently a NYS Registered Professional Engineer as defined in New York Codes, Rules, and Regulations (NYCRR) Part 375-6 and that this Building 2 Vapor Intrusion Assessment was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10).

A handwritten signature in blue ink that reads 'H. Nevin Bradford, III'.

H. Nevin Bradford, III, P.E.
State of New York Professional Engineer No. 086008





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ACRONYMS

AGV – Air Guideline Value
ASP – Analytical Services Protocol
BCA – Brownfield Cleanup Agreement
BCP - Brownfield Cleanup Program
DUSR – Data Usability Summary Report
ELAP - Environmental Laboratory Approval Program
HVAC – Heating, Ventilation and Air Conditioning
IA – Indoor Air
NYSDEC - New York State Department of Environmental Conservation
NYSDOH - New York State Department of Health
OA – Outdoor Air
PCE – Perchloroethene (also known as Tetrachloroethene)
PID – Photoionization Detector
PPB - Parts Per Billion
RI – Remedial Investigation
Site – Urban Villages BCP Site, 100 Buckley Road, Salina, New York
SSV – Sub-slab Vapor
SVI –Soil Vapor Intrusion
SVOC – Semi-Volatile Organic Compound
TCE – Trichloroethene
ug/m³ –micrograms per cubic meter
USEPA - United States Environmental Protection Agency
VI - Vapor Intrusion
VOC - Volatile Organic Compound



1.0 INTRODUCTION

UR-ban Villages PFA, LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in February 2022, to investigate and remediate an 11.68-acre property located at 100 Buckley Road in the Town of Salina, Onondaga County, New York. UR-ban Villages PFA, LLC is a Volunteer in the Brownfield Cleanup Program (BCP). Restricted Residential use is proposed for the property. When completed, the Site will serve as a mix of commercial and residential purposes.

The Site is currently occupied by ten former industrial buildings that were once utilized in connection with the Will & Baumer Candle Co., Inc. manufacturing operations. The Volunteer is in the process of restoring the existing buildings and redeveloping the Site into a mixed-use multi-family / commercial site. The redeveloped Site will house approximately 250 apartment units, indoor and covered parking, Site offices, recreational facilities, a banquet house, a brew house, and common areas.

The construction is expected to occur in phases. Reconstruction of Building 1, containing 20 apartment units, has been completed and a Change of Use form has been approved to allow occupancy of that structure. Reconstruction of Building 5, containing an indoor recreational center, has also been completed and a Change of Use approval is pending a satisfactory pre-occupancy soil vapor intrusion assessment. Building 2, historically utilized for manufacturing operations associated with Will & Baumer Candle Co., is currently being converted into 33 one- and two-bedroom market rate apartments with a basement-level parking garage. It is expected that reconstruction of Building 2 will be complete and the building ready for occupancy in or about May 2026. Reconstruction of the remaining buildings will occur in the future.

Building 2 is a three-story masonry structure with a full basement level, the majority of which will serve as indoor underground parking. The basement level will also include an elevator lobby and elevator shaft, a stairwell, a mechanical room, and a mechanical tunnel. The building will primarily be heated using several ground source heat pumps connected to a closed-loop liquid geothermal system. Certain areas of the building, such as stairwells, will also be supplemented with electric cabinet unit heaters. The garage area will be equipped with a mechanical ventilation system designed to intake fresh outdoor air through wall intakes located along the east and south sides of the building and exhaust air through ventilation fans positioned along the western wall.

Additionally, areas surrounding Building 2 where a cover system is required will be equipped with the appropriate cover prior to occupancy. Access to the remainder of the site, including areas where remediation has not yet occurred or where ongoing construction and site activities are taking place, will continue to be controlled in accordance with an updated Site Control Plan.

The Remedial Investigation (RI) of the site was performed in 2022 and 2023 and summarized in the document entitled *Remedial Investigation Report for Urban Villages (Former Will & Baumer Candle Co., Inc.), 100 Buckley Road, Town of Salina, Onondaga County, New York, Site No. C734154*. This report was issued and revised to reflect comments provided by both the NYSDEC and the



New York State Department of Health (NYSDOH). The final revised version of the document was submitted to NYSDEC in July 2024.

The primary contaminants of concern identified as a result of the RI included metals and semi-volatile organic compounds (SVOC) in historic fill distributed across much of the site. In addition, VOCs (particularly TCE) were identified in vadose zone soil vapor beneath certain building slabs (Buildings 6 and 7 in the central portion of the site). The concentrations below these two buildings were 36 $\mu\text{g}/\text{m}^3$ and 6.2 $\mu\text{g}/\text{m}^3$, respectively. Low concentrations of TCE were detected beneath buildings 3B, 4A, 4C, and 5 (concentrations ranging from 0.75 to 1.7 $\mu\text{g}/\text{m}^3$). No concentrated contaminant mass was identified in soil, and no significant groundwater contamination by VOCs was identified during the Investigation. Collection of indoor air samples for full evaluation of vapor intrusion was not practical at the time of the RI because all buildings were open to the elements. Also, collection of sub-slab vapor samples beneath Building 2 and adjacent Buildings 1 and 3A was not possible due to the water table being present immediately below the concrete slab foundation of these buildings.

Given that sub-slab soil vapor sampling could not be performed beneath Building 2 during the RI, a vapor intrusion assessment was required to be performed within Building 2 prior to its upcoming occupancy. The following report details the scope, methods and findings of the soil vapor intrusion assessment. The assessment was performed in accordance with NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006, and all subsequent updates and addenda, and C&S' *Building 2 Soil Vapor Intrusion Work Plan*, dated February 19, 2026. The Work Plan was approved, with modification, by NYSDEC via correspondence dated March 12, 2026.

2.0 SAMPLING METHODOLOGIES

C&S conducted field activities associated with the Building 2 soil vapor intrusion assessment between April 23 and 24, 2026.

2.1 General Scope and Objectives

As consistent with the NYSDOH SVI Guidance and C&S' Work Plan, the SVI assessment consisted of the following elements:

- Conducting a background review, building assessment, and preliminary screening to select appropriate sampling locations that would not be affected by building operations, construction, or features such as occupants, sumps / basements, windows / doors, heating / cooling systems, material storage, etc.
- Screening of indoor sampling areas with a portable photoionization detector (PID) and preparing an inventory of petroleum or chemical storage that could affect sampling results.
- Sampling of sub-slab soil vapor, indoor air, and ambient outdoor air. The sub-slab and indoor air samples were co-located to provide a direct comparison between sub-slab and indoor concentrations at each location.
- Laboratory analysis of the collected soil vapor and air samples by a laboratory accredited under NYSDOH's Environmental Laboratory Approval Program (ELAP), for target VOC using United States Environmental Protection Agency (USEPA) Compendium Method TO-15. Certain target compounds, including trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, and vinyl chloride were analyzed by USEPA Method TO-15 with Selected Ion Monitoring to achieve required laboratory reporting limits for those compounds. The analysis data was reported with ASP Category B deliverables to allow third-party data validation.
- Laboratory data package validation by a third-party data validator.

2.2 Pre-Sampling Building Assessment and Product Inventory

Prior to the collection of the sub-slab vapor and indoor air samples, a pre-sampling inspection was performed to:

1. Evaluate the physical layout and conditions of the building, and
2. Identify and minimize conditions that may affect or interfere with the proposed vapor sampling.

The data, along with information about potential sources of indoor air contamination, were documented on a NYSDEC *Structure Sampling Questionnaire and Building Inventory* form. The completed form is included as **Appendix A**.

The information collected included the following:

- Construction characteristics, including foundation cracks, utility penetrations, and/or other openings that may serve as preferential pathways for vapor intrusion or result in short-circuiting by allowing indoor air to communicate with the sub-slab sampling interval;
- The nature of recently-installed finishes within the building, if applicable (e.g., fresh paint, new carpet, or furniture);
- Mechanical equipment that can affect pressure gradients (heating & air conditioning systems, exhaust fans, etc.);
- Use or storage of petroleum products (e.g., fuel containers, gasoline operated equipment, and unvented kerosene heaters), solvents, paints, chemical products, cosmetics, and/or cleaning products; and
- Recent use of petroleum-based finishes or products containing volatile chemicals, if applicable.

2.2.1 Building Characteristics and Condition

Building 2 is a three-story masonry structure with a full basement level. The building historically housed manufacturing operations associated with the Will & Baumer Candle Co. and is currently undergoing reconstruction for reuse as a 33-unit apartment building with basement-level indoor parking.

The basement level appears to be fully below grade, with the basement floor located approximately 8 feet below the surrounding grade. The basement is accessed via a vehicle ramp located on the western side of the structure. The basement floor is comprised of poured concrete, and the exterior walls below grade consist of a combination of concrete block, brick, and poured concrete, with wall thicknesses varying from approximately 10 to 18 inches.



Basement Level (View from Center, Looking North)



Basement Level (View from South, Looking North)

The concrete floor is generally in sound condition. Utility penetrations and localized openings were primarily observed within the mechanical room and mechanical tunnel area along the eastern side of the basement. Floor trenches and floor drains were observed throughout the basement. A section of exposed soil was found in the south portion of the main basement, as well as a utility room in the southwest. Localized gaps and openings with exposed soil were also noted along portions of the floor/wall interface.

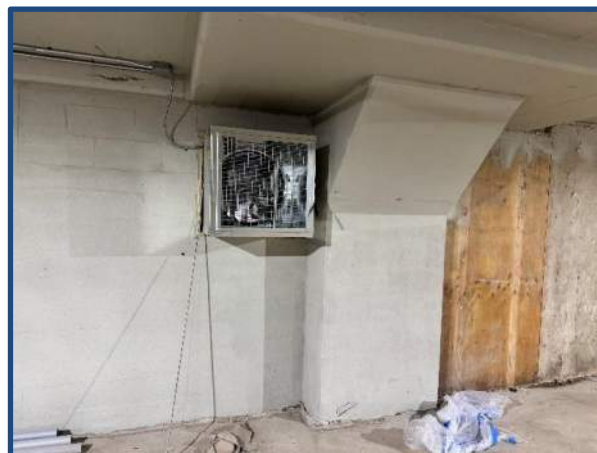


Basement Level, Section of Exposed Soil, Located in the South Portion.



Basement Level, Southwest Utility Room, with Exposed Soil

The basement level is equipped with a mechanical ventilation system designed to intake fresh outdoor air through wall intakes located along the east and south sides of the building and exhaust air through ventilation fans positioned along the western wall. The ventilation system is intended to provide continuous air exchange within the basement-level parking garage area. The building will primarily be heated using several ground source heat pumps connected to a closed-loop liquid geothermal system, while certain areas, such as stairwells, will be supplemented with electric cabinet unit heaters.



Basement Level, Ventilation Fan (Located on West Wall)

The upper three floors of the structure will contain 33 newly constructed one- and two-bedroom market rate apartment units. Interior finishes include painted drywall walls and ceilings, along with finished flooring surfaces typical of residential apartment construction.

2.2.2 Product Inventory and Pre-Sampling VOC Screening

Since products stored within a building have the potential to affect the air quality of the areas being tested, a product inventory was completed for the building basement and basement approach areas prior to the sampling on April 23, 2026. At that time, the following products were present in the first floor corridor directly adjacent to the east stairwell that leads to the basement and within the basement itself:

Table 2-1: Product Inventory

Location	Product
Basement – Central Section and Below Central Staircase	Sherwin Williams Quick Dry Stain Block, Super Paint, Cashmere, Promar 200, Shellac Primer, Pro Classic, Interior Duration, and Bonding Primer; Insl-X Fire Retardant Paint; Flame Control fire retardant coating; Sunnyside Back to Nature Ready Strip Rust Remover; Bona Traffic HD; K-88 Admix; Rust-Oleum Spray Paint; and Soudal Soudafoam expanding foam insulation.

These products are being used in the ongoing renovation of Building 2. No deteriorated or significantly damaged containers were observed. All of these products had been opened and used and the containers contained varying amounts of the product; each of these containers were closed at the time of the inventory. These products were located on 2 pallets in the north portion of the Building 2 basement. The various product canisters were photographed.

C&S obtained and reviewed Safety Data Sheets for each of the products to identify chemical ingredients of interest. None of the site-related contaminants of concern were identified as ingredients in these products. Relevant information is documented on the completed *Structure Sampling Questionnaire and Building Inventory* form contained in **Appendix A**. The information recorded includes a complete listing of the products, the size of each container, the number of each type, the status (unopened, used, deteriorated), and the chemical ingredients of each type of product.

2.2.3 Soil Vapor, Indoor Air, and Ambient Air Sampling

C&S arrived to the Site on April 23, 2026 to conduct the sampling. Prior to placing the sampling canisters, ambient air at the indoor air locations where the products were previously stored was screened using a portable PID equipped with a 10.6 eV lamp. The PID was also used to screen the air within the floor penetrations created at the sub-slab vapor sampling points, as well as at the outdoor air sampling location.

The PID, a Rae Systems ppbRae Model 3000, is capable of detecting concentrations of VOC in parts per billion (ppb). While a portable PID is not capable of detecting compounds to the level

that is required for making decisions regarding exposure risk and appropriate response actions, this tool can help identify potential indoor sources of VOCs that may affect sample integrity and laboratory data usability. The presence and description of any odors (e.g., solvent, petroleum, etc.) and PID readings were noted and utilized to help evaluate potential sources of volatile chemicals.

The following ranges of PID readings were recorded immediately prior to and at the termination of sampling:

Table 2-2: PID Readings

Sample Location	Basement Section	Pre-Sampling PID Reading (04.23.26)	Post-Sampling PID Reading (04.24.26)
IA-209	Basement-South	353	154
SSV-209	Basement-South	2066	465
IA-210	Basement-East Elevator Lobby	380	160
SSV-210	Basement-East Elevator Lobby	1022	787
IA-211	Basement-North Mech Room	384	170
SSV-211	Basement-North Mech Room	1862	1268
IA-212	First Floor-East Elevator Lobby	206	80
OA-203	Outdoor-West Side	305	60

NOTES: All PID readings are in ppb.
NR = Not Recorded

The vapor sampling activities included the collection of three sub-slab vapor samples, three co-located indoor air samples, one additional indoor air sample, and one upwind outdoor air sample (to provide data on ambient concentrations of VOCs in the surrounding area). A duplicate sub-slab soil vapor and a duplicate indoor air sample were also collected. The samples are summarized in the following table:

Table 2-3: Sample Summary

Sample ID	Location	Start Date (Time)	End Date (Time)
IA-209	Basement-South	04.23.26 (1142)	04.24.26 (1052)
DUP-01-04-2426	Basement-South	04.23.26 (1142)	04.24.26 (1052)
SSV-209	Basement-South	04.23.26 (1142)	04.24.26 (1052)
DUP-02-04-2426	Basement-South	04.23.26 (1142)	04.24.26 (1052)
IA-210	Basement-East Elevator Lobby	04.23.26 (1143)	04.24.26 (1055)
SSV-210	Basement-East Elevator Lobby	04.23.26 (1143)	04.24.26 (1055)
IA-211	Basement-North Mech Room	04.23.26 (1144)	04.24.26 (1058)
SSV-211	Basement-North Mech Room	04.23.26 (1144)	04.24.26 (1058)
IA-212	First Floor-East Elevator Lobby	04.23.26 (1146)	04.24.26 (1102)
OA-203	Exterior – West Side	04.23.26 (1150)	04.24.26 (1105)

SS = Sub Slab, IA = Indoor Air, OA = Outdoor Air

Samples with common color shading (blue, green, orange) represent co-located sub-slab and indoor air locations.

The sample locations are shown on [Figure 3](#).

The samples were collected simultaneously, over a 24-hour sampling period, employing the procedures detailed in sections 2.3.1 and 2.3.2 below.

During the RI, groundwater was encountered immediately below the concrete basement slab, precluding the collection of sub-slab vapor samples. Groundwater was not encountered directly below the floor during this sampling event, allowing sub-slab soil vapor samples to be collected. To avoid potential sample interference and dilution effects, C&S advised the owner that the following activities should not occur for the 24-hour period prior to or during the sampling event:

- Painting;
- Using auxiliary heating devices, such as kerosene heaters;
- Cleaning, waxing, or polishing furniture, floors, or other woodwork with petroleum or oil-based products;
- Using air fresheners, scented candles, or odor eliminators;
- Engaging in hobbies that use materials containing VOCs;
- Using cosmetics while in the building, such as hairspray, nail polish, nail polish removers, or perfume / cologne;
- Applying pesticides;
- Using building repair or maintenance products, such as caulk; and
- Bringing freshly dry-cleaned clothing or furnishings into the building.

Additionally, the following provisions were observed to minimize potential impacts to the air sample integrity and sufficiently document the sampling activities:

- Field sampling personnel did not pump gasoline en route to the sampling event to avoid the potential introduction of VOCs via clothing or contact from such activities;
- Field notes and sample canister labels were prepared with ballpoint pens, and "Sharpie" or similar type markers containing VOCs were not used during the sampling event;
- At the time of sampling, weather conditions (e.g., precipitation, indoor and outdoor temperatures, barometric pressure) and ventilation conditions (e.g., heating system active and windows closed) were documented;
- Pertinent observations, such as odors, readings from field instrumentation, and significant activities in the vicinity (e.g., operation of heavy equipment) were documented;

- Ambient air within the building and near any locations where chemicals or products that may impact indoor air sample results was screened using a portable PID equipped with a 10.6 eV lamp;
- Photographs of each sample location and its surrounding area, the building and its foundation, observed foundation penetrations, and any other pertinent features were collected;
- A sample log sheet summarizing the sample identification, date & times of sample collection, identity of samplers, sampling method & devices, volume of air sampled, vacuum of canisters before-and-after samples are collected, and chain-of-custody forms, was maintained;
- Samples were collected at a maximum flow rate of 0.2 liters per minute; and
- Sample locations, chemical storage areas, doorways, stairways, subsurface drains and utility perforations through building foundations, HVAC system supply and return registers, and any other pertinent information were noted on a floor plan / site sketch of the building.

2.2.4 Sub-Slab Vapor Sample Preparation and Collection

Three sub-slab sampling points were installed to collect soil gas immediately below the slab. The process for installing and verifying the seal integrity for each point was as follows:

1. A small diameter hole (approximately 1/2-inches in diameter) was drilled through the floor slab, terminating at the interface with underlying soil. The slab thickness was measured and recorded on the field log. The concrete slab was approximately 6 inches in thickness at each sampling location. The air within the floor penetration was screened with the portable PID and the reading was recorded on the field log.
2. Clean polyethylene tubing was placed through the slab penetration until the open end of the tubing was directly above the sub-slab soil. The concrete penetration was then sealed to the exterior of the tubing using clean modelling clay to create an air-tight seal.
3. The clay seal integrity at each sub-slab sampling point was checked by conducting a helium tracer test to confirm that the clay seal was sound and the sub-slab airspace and indoor air space were not connected. The tubing was connected to an airtight (barbed) fitting on the inside of a metal dome. The dome was placed over slab penetration and sealed to the surrounding concrete floor with a foam insulation strip. Helium was introduced into the dome and a helium detector was used to screen the soil vapor at the sub-slab point via the tubing. Detection of helium in the sub-slab air would indicate an inadequate seal and communication between the indoor air and sub-slab soil vapor. In such case, the clay seal would be replaced and the tracer test would be re-performed. The helium testing process confirmed that the seal at each sub-slab penetration was effective in preventing communication/short-circuiting between the sub-slab sampling point and the indoor air of the basement.

4. Following the helium tracer testing, the tubing was purged at a rate not exceeding 200 ml/minute to remove approximately three volumes of air in the tubing.
5. The regulator was affixed to the 6-liter SUMMA™ canister and the initial vacuum and start time were recorded on the field log. Air sample canisters and regulators were labeled with a unique sample designation number. The sample number and location, canister number, and regulator number were recorded on the field log.
6. Following the 24-hour sampling period, the ending vacuum and time were recorded on the field log and the canister was disconnected from the flow orifice, boxed, and delivered to the laboratory for analysis.

2.2.5 Indoor and Outdoor Air Sample Collection

The indoor and outdoor air samples were collected using a 6-liter Summa™ canister equipped with a critical orifice flow regulation device sized to allow an air sample to be collected over a 24-hour sampling period. Care was taken to deploy the canisters away from the direct influence of any forced air emanating from air conditioning units, central air conditioning vents, furnaces or heaters. The indoor and outdoor air sampling procedure was as follows:

1. Air sample canisters and regulators were labeled with a unique sample designation number. The sample number and location, canister number, and regulator number were recorded on the field log.
2. The regulator was affixed to the 6-liter SUMMA™ canister and the initial vacuum and start time were recorded on the field log.
3. The indoor and outdoor air samples were collected at a height of approximately 4 to 5 feet above grade by extending polyethylene tubing from the intake orifice of the regulator to the sampling interval. The tubing was maintained in that position using telescoping metal stands.
4. Following the 24-hour sampling period, the ending vacuum and time were recorded on the field log and the canister was disconnected from the flow orifice, boxed, and delivered to the laboratory for analysis.

2.2.6 Laboratory Analysis and Data Validation

The sub-slab soil vapor and indoor/outdoor air samples were submitted to SanAir Technologies Laboratory (SanAir) for analysis. SanAir maintains accreditation under NYSDOH's Environmental Laboratory Approval Program (ELAP No. 11983). The samples were analyzed for volatile organic compounds (VOCs) via USEPA Method TO-15. Trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, and vinyl chloride were analyzed by USEPA Method TO-15 with Selected Ion Monitoring (SIM) to achieve the required laboratory reporting limits for those compounds. The analytical data were reported with ASP Category B deliverables to allow third-party validation.



The laboratory data packages were reviewed by Vali-Data of WNY, LLC and a Data Usability Summary Report (DUSR), dated May 17, 2026, was prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines (SOP No. HW-31, Revision 6). Overall, the data were determined to be acceptable for use, with minor qualification. The validation review included data completeness, narrative and data reporting forms, chain-of-custody and traffic reports, holding times, internal standard area performance, surrogate spike recoveries, method blanks, field duplicate precision, laboratory control samples, compound quantitation, initial and continuing calibration, GC/MS performance checks, and canister certification blanks.

A few qualifications and reporting items were noted:

Data Completeness: All criteria were met except the raw data for styrene in the 0.15 initial calibration level was not recorded in the raw data. An updated page was attached to the DUSR.

Narrative and Data Reporting Forms: All criteria were met except canister #856 was not included in the Container Order Report. An updated page was attached to the DUSR.

Surrogate Spike Recoveries / Internal Standard Area Performance: All criteria were met except the area of Chlorobenzene-d5 was outside QC limits, noted high in SVV-211 and DUP-02. Therefore, the affected target analytes in those samples were qualified as estimated. These included toluene, methyl isobutyl ketone, methyl butyl ketone, dibromochloromethane, 1,2-dibromoethane, tetrachloroethene, chlorobenzene, ethylbenzene, m&p-xylene, o-xylene, styrene, benzyl chloride, 4-ethyltoluene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, 1,1,2,2-tetrachloroethane, 1,2,4-trichlorobenzene, bromoform, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene.

Field Duplicate Precision: All criteria were met except methyl ethyl ketone, styrene, and trichloroethene were detected in SSV-209 but were not detected in the associated duplicate, DUP-01-042426. Ethanol was detected in DUP-01-042426 but was not detected in SSV-209.

No other data completeness or usability issues were identified. Chain-of-custody, holding times, internal standards, method blanks, laboratory control samples, compound quantitation, initial calibration, continuing calibration, GC/MS performance checks, and canister certification blanks met applicable criteria. Based on the validation review, the dataset is considered reliable and acceptable for use in the assessment and reporting of VOC concentrations in sub-slab soil vapor and indoor/outdoor air.

3.0 INVESTIGATION FINDINGS

The findings of the vapor intrusion assessment are further discussed in the sections below.

3.1 Sub-Slab Soil Vapor Analytical Data

The table below summarizes the compounds which were detected in the sub-slab soil vapor samples.

Table 3-1: Detected Compounds in Sub-Slab Soil Vapor

Volatile Organic Compounds (EPA Compendium Method TO-15)				
Location ID	SSV-209	SSV-210	SSV-211	DUP-02-042426 (Dupe of SSV-209)
Sample Type	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor	Sub-Slab Vapor
Date Sampled	April 23–24, 2026	April 23–24, 2026	April 23–24, 2026	April 23–24, 2026
Units	ug/m ³	ug/m ³	ug/m ³	ug/m ³
Ethylbenzene	2	0.56	0.83	2
Styrene	3.3	0.77	1.5	3.7
Methyl Isobutyl Ketone	0.45	0.66	0.41	0.53
1,3,5-Trimethylbenzene	1.1	ND	ND	1.1
Toluene	6.5	1.3	1.1	6.6
Tetrahydrofuran	1.8	ND	ND	1.7
Hexane	6.5	9.2	7.8	6.7
Cyclohexane	2.3	3.7	3.5	2.4
Ethyl acetate	2.1	3.2	4.3	2.3
Heptane	4.3	6.6	4.8	4.3
m&p-Xylene*	6.6	ND	1.7	6.7
4-ethyltoluene	1.4	ND	ND	1.6
Benzene	2	2.6	2.1	1.9
Chloromethane	0.23	ND	0.35	0.21
Freon 11	1.2	1.2	0.96	1.1
Freon 12	2.6	2.9	8.4	2.5
Trichloroethene*	0.54	1.5	9	0.54
o-Xylene	2	ND	ND	2
1,2,4-Trimethylbenzene	6.2	ND	ND	6.7
Acetone	41	41	170	43
Chloroform	21	11	10	21
Methylene chloride	19	24	31	18
Carbon disulfide	12	3	9	12
Methyl Ethyl Ketone	5.3	4.5	10	5.6

Table Notes:

* Compound analyzed by EPA Compendium Method TO-15 with Selected Ion Monitoring.

ND = Compound was not detected above reporting limit

3.2 Indoor and Outdoor Air Analytical Data

The table below summarizes the compounds which were detected in the indoor and outdoor air samples.

Table 3-2: Detected Compounds in Indoor and Outdoor Air

Volatile Organic Compounds (EPA Compendium Method TO-15)						
Location ID	IA-209	IA-210	IA-211	IA-212	OA-203	DUP-01-042426 (Dupe of IA-209)
Sample Type	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Outdoor Air	Indoor Air
Date Sampled	April 23-24, 2026	April 23-24, 2026	April 23-24, 2026	April 23-24, 2026	April 23-24, 2026	April 23-24, 2026
Units	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³
Ethylbenzene	0.48	0.61	0.74	5.9	ND	ND
Styrene	ND	ND	ND	7.3	ND	ND
Methyl Isobutyl Ketone	ND	ND	ND	1	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	2.3	ND	ND
Toluene	6.6	4.9	4.9	40	0.41	6.7
Tetrahydrofuran	2.7	2.7	3.2	12	ND	2.9
Hexane	1.3	1.6	2	3.1	ND	1.3
Cyclohexane	0.79	0.52	0.55	1.5	ND	0.62
Tetrachloroethylene	ND	ND	ND	0.88	ND	ND
Ethyl acetate	0.5	ND	ND	0.83	ND	0.54
Heptane	1.1	1.1	1.3	7	ND	1.2
m&p-Xylene	1.4	1.8	2.1	17	ND	1.3
2,2,4-trimethylpentane	7.7	9.3	13	14	ND	7.8
Carbon tetrachloride*	0.44	0.5	0.44	0.5	0.5	0.44
Isopropyl alcohol	4.3	5.4	7.9	10	ND	4.5
4-ethyltoluene	ND	ND	ND	2.8	ND	ND
Benzene	0.61	0.77	0.77	2.3	ND	0.58
Chloromethane	1.3	0.95	1.2	0.87	0.87	1.3
Methylene chloride	2	5.5	1.3	1.8	1.3	1.3
Freon 11	1.2	1.1	1.2	1.2	1.1	1.2
Freon 12	2.3	2.4	2.4	2.4	2.3	2.3
Methyl Ethyl Ketone	1.5	1.5	1.3	6.2	0.44	1.5
o-Xylene	0.56	0.69	0.74	5.2	ND	0.56
1,2,4-Trimethylbenzene	0.74	0.88	0.84	9.3	ND	0.69
Acetone	36	26	16	82	15	36

Table Notes:

* Compound analyzed by EPA Compendium Method TO-15 with Selected Ion Monitoring.

ND = Compound was not detected above reporting limit

3.3 Results Compared to NYSDOH AGV'S

The NYSDOH SVI Guidance states that soil vapor sampling results should be reviewed as a whole, in combination with the results of other environmental sampling, to identify trends and variations in the data. It also indicates that, to put perspective on the data, soil vapor results should be compared to background outdoor air levels, site-related outdoor and indoor air sampling results, and the NYSDOH's guidelines for VOCs in air. NYSDOH has a very limited list of compounds with air guideline values (AGV) that apply to concentrations of select compounds in indoor air. These are:

Table 3-3: NYSDOH AGVs

Compound	AGV (µg/M ³)
Methylene Chloride	60
PCBs	1
tetrachlorodibenzo-p-dioxin	0.00001
PCE	30
TCE	2

There were no compounds detected in the indoor air that exceed a corresponding NYSDOH AGV.

NYSDEC and NYSDOH do not currently have standards, criteria or guidance values for concentrations of compounds in soil vapor, or for other compounds in indoor air, other than those listed in the table above. There are also no criteria which require that the detection of VOC in soil vapor automatically trigger action or no further action, and there are no available databases of background levels of VOC in soil vapor. The detection of VOC in sub-slab vapor samples does not necessarily indicate that a vapor intrusion condition exists.

As such, soil vapor intrusion risk is evaluated on a case-by-case basis, taking into account various factors, such as:

- a. Human health risks (i.e., cancer and non-cancer health effects) associated with exposure to the volatile chemical in air;
- b. Background concentrations of the volatile chemical in air;
- c. Analytical capabilities currently available; and
- d. Attenuation factors (i.e., the ratio of indoor air to sub-slab vapor concentrations).

3.4 Results Compared to NYSDOH Decision Matrices

To provide a framework to aid in determining appropriate actions in response to SVI risk, NYSDOH has developed decision matrices to be used as a risk management tool for data assessment. They are designed to be applied on a case-by-case basis, for identifying actions that should be taken to address current and potential exposures related to SVI. These decision matrices were developed to apply to specific volatile chemicals of interest, but are also intended to be generic, and, as such, may be modified based on site-specific conditions and contaminants. The NYSDOH decision matrices are as follows:

Table 3-4: NYSDOH Matrix A
Carbon tetrachloride, 1,1-Dichloroethene, cis-1,2-Dichloroethene, and Trichloroethane

Sub-Slab Vapor Concentration of Compound (µg/M ³)	Indoor Air Concentration of Compounds (µg/M ³)		
	< 0.2	0.2 to < 1	1+
< 6	No further action	No further action	Identify source(s) and resample or mitigate
6 to < 60	No further action	Monitor	Mitigate
60+	Mitigate	Mitigate	Mitigate

A comparison of the analysis results to the above Decision Matrix indicates the following:

- Carbon Tetrachloride: This compound was detected in all sub-slab vapor samples at concentrations ranging from 3 to 12 ug/m³. It was also detected in all indoor air samples at concentrations ranging from 0.44 to 0.50 ug/m³ and in the outdoor air sample at a similar concentration (0.50 ug/m³). As such, the presence of carbon tetrachloride in indoor air is likely attributable to typical ambient/background conditions rather than a vapor intrusion source. Based on NYSDOH Decision Matrix A, no further action is recommended for this compound.
- 1,1-Dichloroethene: This compound was not detected in any sub-slab vapor, indoor air, or outdoor air sample.
- Cis-1,2-Dichloroethene: This compound was not detected in any sub-slab vapor, indoor air, or outdoor air sample.
- Trichloroethene: This compound was detected in all sub-slab vapor samples at concentrations ranging from 0.54 to 9 ug/m³. It was not detected in any indoor air or outdoor air sample. Despite the presence of low levels of trichloroethene in sub-slab vapor, the absence of detections in indoor air suggests that the building is not currently impacted by soil vapor intrusion. Based on NYSDOH Decision Matrix A, no further action is recommended for this compound.

Based on the above, no further action is recommended for these compounds at this time.

Table 3-5: NYSDOH Matrix B
Methylene Chloride, Tetrachloroethene, and 1,1,1-Trichloroethane

Sub-Slab Vapor Concentration of Compound (µg/M ³)	Indoor Air Concentration of Compounds (µg/M ³)		
	< 3	3 to 10	10+
< 100	No further action	No further action	Identify source(s) and resample or mitigate
100 to < 1,000	No further action	Monitor	Mitigate
1,000+	Mitigate	Mitigate	Mitigate

A comparison of the analysis results to the above Decision Matrix indicates the following:

- Methylene Chloride: This compound was detected in all sub-slab vapor samples at concentrations ranging from 18 to 31 ug/m3. It was also detected in all indoor air samples at concentrations ranging from 1.3 to 5.5 ug/m3 and in the outdoor air sample at a concentration of 1.3 ug/m3. Based on NYSDOH Decision Matrix B, no further action is recommended for this compound.
- Tetrachloroethene: This compound was not detected in any sub-slab vapor sample. It was detected in one indoor air sample (IA-212) at a concentration of 0.88 ug/m3. This compound was not detected in the outdoor air sample. Although tetrachloroethene was detected in one indoor air sample, the isolated detection at a relatively low concentration does not suggest that the building is currently impacted by soil vapor intrusion. Based on NYSDOH Decision Matrix B, no further action is recommended for this compound.
- 1,1-Trichloroethane: This compound was not detected in any sub-slab vapor, indoor air, or outdoor air sample.

Based on the above, no further action is recommended for these compounds at this time.

Table 3-6: NYSDOH Matrix C
Vinyl Chloride

Sub-Slab Vapor Concentration of Compound (µg/M ³)	Indoor Air Concentration of Compounds (µg/M ³)	
	< 0.2	0.2+
< 6	No further action	Identify source(s) and resample or mitigate
6 to < 60	Monitor	Mitigate
60+	Mitigate	Mitigate

A comparison of the analysis results to the above Decision Matrix indicates the following:

- **Vinyl Chloride:** This compound was not detected in any sub-slab vapor, indoor air, or outdoor air sample.

Based on the above, no further action is recommended for this compound at this time.

Table 3-7: NYSDOH Matrix D
Benzene, Ethylbenzene, Naphthalene, Cyclohexane, Isooctane (2,2,4-Trimethylpentane), 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, o-Xylene

Sub-Slab Vapor Concentration of Compound (µg/M ³)	Indoor Air Concentration of Compounds (µg/M ³)		
	< 2	2 to 10	10+
< 60	No further action	No further action	Identify source(s) and resample or mitigate
60 to 600	No further action	Monitor	Mitigate
600+	Mitigate	Mitigate	Mitigate

A comparison of the analysis results to the above Decision Matrix indicates the following:

- **Benzene:** This compound was detected in sub-slab vapor samples at concentrations ranging from 1.9 to 2.6 ug/m3. It was also detected in indoor air samples at concentrations ranging from 0.58 to 2.3 ug/m3. Benzene was not detected in the outdoor air sample. Based on NYSDOH Decision Matrix D, no further action is recommended for this compound.
- **Ethylbenzene:** This compound was detected in all sub-slab vapor samples at concentrations ranging from 0.56 to 2 ug/m3. It was also detected in indoor air samples at concentrations ranging from 0.48 to 5.9 ug/m3. Ethylbenzene was not detected in the outdoor air sample. Based on NYSDOH Decision Matrix D, no further action is recommended for this compound.
- **Naphthalene:** This compound was not detected in any sub-slab vapor, indoor air, or outdoor air sample.
- **Cyclohexane:** This compound was detected in all sub-slab vapor samples at concentrations ranging from 2.3 to 3.7 ug/m3. It was also detected in indoor air samples at concentrations ranging from 0.52 to 1.5 ug/m3. Cyclohexane was not detected in the outdoor air sample. Based on NYSDOH Decision Matrix D, no further action is recommended for this compound.
- **Isooctane (2,2,4-Trimethylpentane):** This compound was detected in all sub-slab vapor samples at concentrations ranging from 6.7 to 13 ug/m3. It was also detected in all indoor air samples at concentrations ranging from 7.7 to 14 ug/m3. Isooctane was not detected

in the outdoor air sample. Based on NYSDOH Decision Matrix D, no further action is recommended for this compound.

- 1,2,4-Trimethylbenzene: This compound was detected in sub-slab vapor samples at concentrations ranging from 6.2 to 6.7 ug/m³. It was also detected in indoor air samples at concentrations ranging from 0.69 to 9.3 ug/m³. This compound was not detected in the outdoor air sample. Based on NYSDOH Decision Matrix D, no further action is recommended for this compound.
- 1,3,5-Trimethylbenzene: This compound was detected in sub-slab vapor samples at concentrations of 1.1 ug/m³. It was also detected in indoor air at a concentration of 2.3 ug/m³. This compound was not detected in the outdoor air sample. Based on NYSDOH Decision Matrix D, no further action is recommended for this compound.
- o-Xylene: This compound was detected in sub-slab vapor samples at concentrations of 2 ug/m³. It was also detected in indoor air samples at concentrations ranging from 0.56 to 5.2 ug/m³. This compound was not detected in the outdoor air sample. Based on NYSDOH Decision Matrix D, no further action is recommended for this compound.

Indoor air sample IA-212 was collected near an exterior door and open elevator shaft in an area of ongoing renovation activities, including installation of new finishes such as sheetrock and joint compound, and frequent contractor movement of equipment and supplies. These conditions may have contributed to the petroleum-related VOC detections observed in IA-212.

**Table 3-8: NYSDOH Matrix E
m-Xylene, p-Xylene, Heptane, Hexane**

Sub-Slab Vapor Concentration of Compound (µg/M ³)	Indoor Air Concentration of Compounds (µg/M ³)		
	< 6	6 to 20	20+
< 200	No further action	No further action	Identify source(s) and resample or mitigate
200 to < 2,000	No further action	Monitor	Mitigate
2,000+	Mitigate	Mitigate	Mitigate

A comparison of the analysis results to the above Decision Matrix indicates the following:

- m/p-xylene: m/p-Xylene: These compounds were detected in sub-slab vapor samples at concentrations ranging from 1.7 to 6.7 ug/m³. They were also detected in indoor air samples at concentrations ranging from 1.3 to 17 ug/m³. These compounds were not detected in the outdoor air sample. Based on NYSDOH Decision Matrix E, no further action is recommended for this compound.

- Heptane: This compound was detected in all sub-slab vapor samples at concentrations ranging from 4.3 to 6.6 ug/m³. It was also detected in indoor air samples at concentrations ranging from 1.1 to 7 ug/m³. This compound was not detected in the outdoor air sample. Based on NYSDOH Decision Matrix E, no further action is recommended for this compound.

Hexane: This compound was detected in all sub-slab vapor samples at concentrations ranging from 6.5 to 9.2 ug/m³. It was also detected in indoor air samples at concentrations ranging from 1.3 to 3.1 ug/m³. This compound was not detected in the outdoor air sample. Based on NYSDOH Decision Matrix E, no further action is recommended for this compound.

**Table 3-9: NYSDOH Matrix F
Toluene**

Sub-Slab Vapor Concentration of Compound (µg/M ³)	Indoor Air Concentration of Compounds (µg/M ³)		
	< 10	10 to < 50	50+
< 300	No further action	No further action	Identify source(s) and resample or mitigate
300 to < 3,000	No further action	Monitor	Mitigate
3,000+	Mitigate	Mitigate	Mitigate

A comparison of the analysis results to the above Decision Matrix indicates the following:

- Toluene: This compound was detected in all sub-slab vapor samples at concentrations ranging from 1.1 to 6.6 ug/m³. It was also detected in all indoor air samples at concentrations ranging from 0.41 to 40 ug/m³ and in the outdoor air sample at a concentration of 0.41 ug/m³. Based on NYSDOH Decision Matrix F, no further action is recommended for this compound.

The following table summarizes what actions, if any, are needed, based on the results.

Table 3-10: NYSDOH Decision Matrix Results

Compound	Decision Matrices	Result
carbon tetrachloride	A	No Further Action
1,1-dichlorethene,		No Further Action
cis-1,2-dichloroethene		No Further Action
trichloroethene		No Further Action

Compound	Decision Matrices	Result
methylene chloride	B	No Further Action
tetrachloroethene		No Further Action
1,1,1-trichloroethane		No Further Action
Vinyl chloride	C	No Further Action
benzene	D	No Further Action
ethylbenzene		No Further Action
naphthalene		No Further Action
cyclohexane		No Further Action
isooctane (2,2,4-trimethylpentane)		No Further Action
1,2,4-trimethylbenzene		No Further Action
1,3,5-trimethylbenzene		No Further Action
o-xylene	E	No Further Action
m-xylene		No Further Action
p-xylene		No Further Action
heptane		No Further Action
hexane	F	No Further Action
toluene		No Further Action

Summaries of the laboratory data are provided as **Tables 1** and **2** and the laboratory analytical report is provided in **Appendix B**. Data Usability Summary Reports (DUSR) are provided in **Appendix C**

4.0 CONCLUSIONS

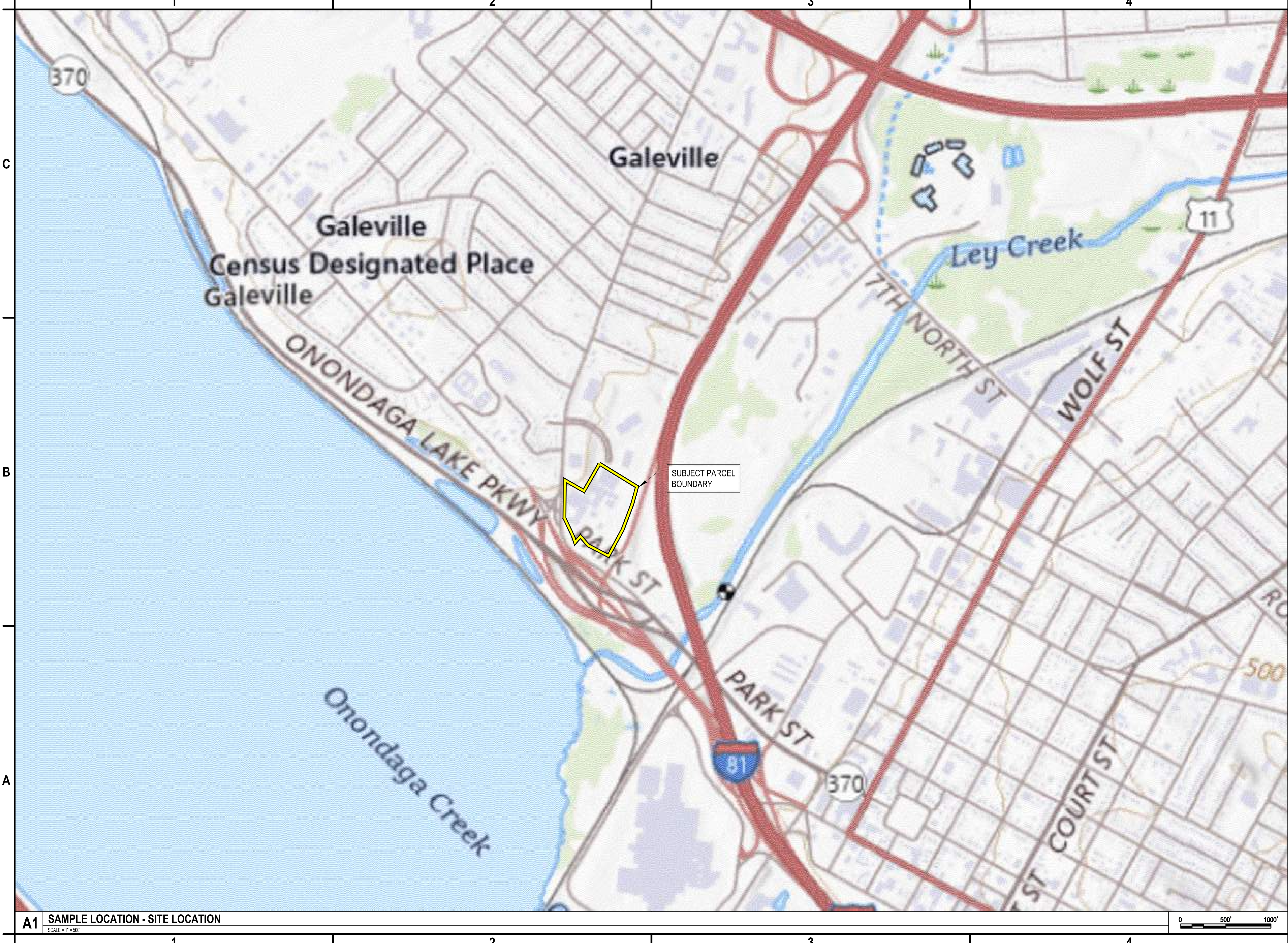
Based on the results of this SVI assessment, the data does not indicate that there are impacts to indoor air quality nor a significant threat of vapor intrusion at this time. The primary contaminants of concern at the Site are chlorinated volatile organic compounds, including trichloroethene, tetrachloroethene, carbon tetrachloride, methylene chloride, and associated breakdown products. Trichloroethene was detected in sub-slab vapor samples at concentrations ranging from 0.54 to 9 ug/m³, but was not detected in any indoor air or outdoor air sample. Tetrachloroethene was not detected in any sub-slab vapor sample and was detected in only one indoor air sample at a low concentration, likely from an indoor source. Carbon tetrachloride and methylene chloride were detected in indoor air at concentrations comparable to those detected in outdoor air, suggesting that their presence is likely attributable to typical ambient/background conditions rather than vapor intrusion.

Several petroleum-related VOCs were also detected in sub-slab vapor and indoor air samples; however, the detected concentrations were relatively low and comparison to the NYSDOH Decision Matrices indicates that the results are consistent with no further action conditions. In addition, indoor air sample IA-212 was collected within an area of ongoing renovation activities, including installation of new finishes and frequent contractor movement of equipment and supplies, which may have contributed to the observed indoor air detections.

None of the indoor air concentrations exceeded currently established NYSDOH Air Guideline Values (AGVs), and application of the NYSDOH Decision Matrices indicates that no further action is recommended at this time.

Figures

May 27, 2025 - 3:58pm
P:\Project\X82 - Pascarella Development & Management, LLC\X82.002.002 - VII & Baurer - Remedial Investigation\Planning\Study\CAD\Building 2_VI\Sheet First\Building 2_Figure 1_Site Location.dwg

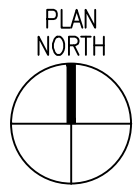


A1 **SAMPLE LOCATION - SITE LOCATION**

SCALE = 1" = 500'



C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone: 315-455-2000
Fax: 315-455-9667
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BUILDING 2
URBAN VILLAGES BCP SITE (C734154)
100 BUCKLEY ROAD
LIVERPOOL, NEW YORK 13088
SOIL VAPOR INTRUSION ASSESSMENT

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: X82.002.002		
DATE: APRIL 2026		
DRAWN BY: N.COULOMBE		
DESIGNED BY:		
CHECKED BY: N.BRADFORD		
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW		

**SITE
LOCATION**

FIGURE 1

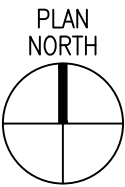
Apr 28, 2026 - 7:20am
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A1 SAMPLE LOCATION - SITE LAYOUT
SCALE = 1" = 50'



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**BUILDING 2
URBAN VILLAGES BCP SITE (C734154)
100 BUCKLEY ROAD
LIVERPOOL, NEW YORK 13088
SOIL VAPOR INTRUSION ASSESSMENT**

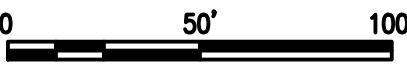
MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: X82.002.002		
DATE: APRIL 2026		
DRAWN BY: N. COULOMBE		
DESIGNED BY:		
CHECKED BY: N. BRADFORD P.E.		
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SITE LAYOUT

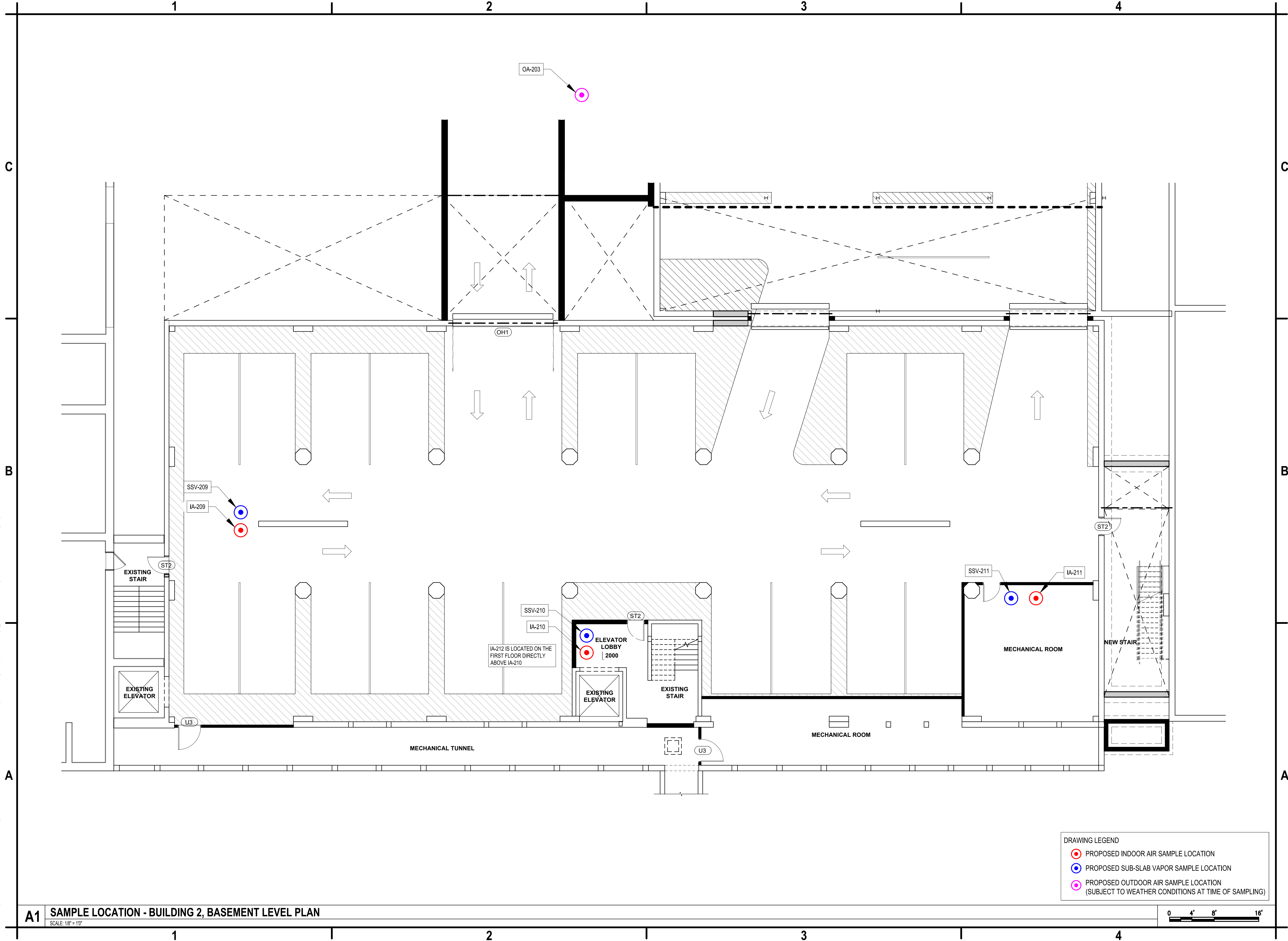
FIGURE 2

VAPOR INTRUSION BUILDING TESTING STATUS		
BLDG #	PLANNED FUTURE USE	VAPOR INTRUSION STUDY
1	APARTMENTS	COMPLETED
2	APARTMENTS, BASEMENT LEVEL GARAGE	WORK PLAN SUBMITTED
3A	APARTMENTS, BASEMENT LEVEL GARAGE	NOT COMPLETE
3B	APARTMENTS, BASEMENT LEVEL GARAGE	NOT COMPLETE
4A	INDOOR GARAGE	NOT COMPLETE
4B	INDOOR GARAGE	NOT COMPLETE
4C	INDOOR GARAGE	NOT COMPLETE
5	INDOOR RECREATIONAL CENTER	COMPLETED
6	OFFICE, COMMUNITY ROOM	NOT COMPLETE
7	RESTAURANT / BREWERY	NOT COMPLETE
7A	RESTAURANT / BREWERY	NOT COMPLETE
8	SHORT-TERM RENTAL	NOT COMPLETE
9	OUTDOOR POOL	NOT COMPLETE
10	APARTMENTS	NOT COMPLETE
11	APARTMENTS	NOT COMPLETE

DRAWING LEGEND	
	SUBJECT PARCEL
	VAPOR INTRUSION STUDY COMPLETED
	VAPOR INTRUSION STUDY NOT COMPLETED
	WORK PLAN SUBMITTED
	FUTURE MITIGATION SYSTEM TO BE INSTALLED



Apr 28, 2026 - 7:18am
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A1 SAMPLE LOCATION - BUILDING 2, BASEMENT LEVEL PLAN
SCALE: 1/8" = 1'-0"



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BUILDING 2
URBAN VILLAGES BCP SITE (C734154)
100 BUCKLEY ROAD
LIVERPOOL, NEW YORK 13088
SOIL VAPOR INTRUSION ASSESSMENT

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: X82.002.002		
DATE: APRIL 2026		
DRAWN BY: N. COULOMBE		
DESIGNED BY:		
CHECKED BY: N. BRADFORD P.E.		
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SAMPLE LOCATION
BUILDING 2
BASEMENT LEVEL
PLAN

FIGURE 3

Table

Table 1
Summary of All Compounds

LOCATION				IA-209		DUP-01-042426		SSV-209		DUP-02-042426		IA-210		SSV-210		IA-211		SSV-211		IA-212		OA-203	
SAMPLING DATE				04/23/26		04/23/26		04/23/26		04/23/26		04/23/26		04/23/26		04/23/26		04/23/26		04/23/26		04/23/26	
LAB SAMPLE ID				2604045-001A		2604045-009A		2604045-002A		2604045-010A		2604045-003A		2604045-004A		2604045-005A		2604045-006A		2604045-007A		2604045-008A	
SAMPLE TYPE				Indoor Air		Duplicate		Sub-Slab Soil Vapor		Duplicate		Indoor Air		Sub-Slab Soil Vapor		Indoor Air		Sub-Slab Soil Vapor		Indoor Air		Outdoor Air	
Analyte	NYSDOH AGV	NYSDOH Matrix Indoor Air	NYSDOH Matrix Soil Vapor	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by TO-15																							
1,1,1-Trichloroethane		3	100	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
1,1,2,2-Tetrachloroethane				1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	U	1	U
1,1,2-Trichloroethane				0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
1,1-Dichloroethane				0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U
1,1-Dichloroethene		0.2	6	0.16	U	0.16	U	0.59	U	0.59	U	0.16	U	0.59	U	0.16	U	0.59	U	0.16	U	0.16	U
1,2,4-Trichlorobenzene				1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U
1,2,4-Trimethylbenzene		2	60	0.74		0.69	J	6.2		6.7	J	0.88		0.74	U	0.84		0.74	UJ	9.3		0.74	U
1,2-Dibromoethane				1.2	U	1.2	U	1.2	U	1.2	UJ	1.2	U	1.2	U	1.2	U	1.2	UJ	1.2	U	1.2	U
1,2-Dichlorobenzene				0.9	U	0.9	U	0.9	U	0.9	UJ	0.9	U	0.9	U	0.9	U	0.9	UJ	0.9	U	0.9	U
1,2-Dichloroethane				0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U
1,2-Dichloropropane				0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U
1,3,5-Trimethylbenzene		2	60	0.74	U	0.74	U	1.1		1.1	J	0.74	U	0.74	U	0.74	U	0.74	UJ	2.3		0.74	U
1,3-butadiene				0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
1,3-Dichlorobenzene				0.9	U	0.9	U	0.9	U	0.9	UJ	0.9	U	0.9	U	0.9	U	0.9	UJ	0.9	U	0.9	U
1,4-Dichlorobenzene				0.9	U	0.9	U	0.9	U	0.9	UJ	0.9	U	0.9	U	0.9	U	0.9	UJ	0.9	U	0.9	U
1,4-Dioxane				1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
2,2,4-Trimethylpentane		2	60	7.7		7.8		0.7	U	0.7	U	9.3		0.7	U	13		0.7	U	14		0.7	U
4-ethyltoluene				0.74	U	0.74	U	1.4		1.6	J	0.74	U	0.74	U	0.74	U	0.74	UJ	2.8		0.74	U
Acetone				36		36		41		43		26		41		16		170		82		15	
Allyl chloride				0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
Benzene		2	60	0.61		0.58		2		1.9		0.77		2.6		0.77		2.1		2.3		0.48	U
Benzyl chloride				0.86	U	0.86	U	0.86	U	0.86	UJ	0.86	U	0.86	U	0.86	U	0.86	UJ	0.86	U	0.86	U
Bromodichloromethane				1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform				1.6	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U
Bromomethane				0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U
Carbon disulfide				0.47	U	0.47	U	12		12		0.47	U	3		0.47	U	9		0.47	U	0.47	U
Carbon tetrachloride		0.2	6	0.44		0.44		0.94	U	0.94	U	0.5		0.94	U	0.44		0.94	U	0.5		0.5	
Chlorobenzene				0.69	U	0.69	U	0.69	U	0.69	UJ	0.69	U	0.69	U	0.69	U	0.69	UJ	0.69	U	0.69	U
Chloroethane				0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Chloroform				0.73	U	0.73	U	21		21		0.73	U	11		0.73	U	10		0.73	U	0.73	U
Chloromethane				1.3		1.3		0.23	J	0.21	J	0.95		0.31	U	1.2		0.35		0.87		0.87	
cis-1,2-Dichloroethene		0.2	6	0.16	U	0.16	U	0.59	U	0.59	U	0.16	U	0.59	U	0.16	U	0.59	U	0.16	U	0.16	U
cis-1,3-Dichloropropene				0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U
Cyclohexane		2	60	0.79		0.62		2.3		2.4		0.52		3.7		0.55		3.5		1.5		0.52	U
Dibromochloromethane				1.3	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.3	U
Ethyl acetate				0.5	J	0.54		2.1		2.3		0.54	U	3.2		0.54	U	4.3		0.83		0.54	U
Ethylbenzene		2	60	0.48	J	0.48	J	2		2	J	0.61	J	0.56	J	0.74		0.83	J	5.9		0.65	U
Freon 11				1.2		1.2		1.2		1.1		1.1		1.2		1.2		0.96		1.2		1.1	
Freon 113				1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Freon 114				1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Freon 12				2.3		2.3		2.6		2.5		2.4		2.9		2.4		8.4		2.4		2.3	
Heptane		6	200	1.1		1.2		4.3		4.3		1.1		6.6		1.3		4.8		7		0.61	U
Hexachloro-1,3-butadiene				1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Hexane		6	200	1.3		1.3		6.2		6.7		1.6		9.2		2		7.8		3.1		0.53	U
Isopropyl alcohol				4.3		4.5		0.37	U	0.37	U	5.4		0.37	U	7.9		0.37	U	10		0.37	U
m&p-Xylene		6	200	1.4		1.3		6.6		6.7	J	1.8		1.3	J	2.1		1.7	J	17		1.3	U

Methyl Butyl Ketone				1.2U	1.2U	1.2U	1.2UJ	1.2U	1.2U	1.2U	1.2UJ	1.2U	1.2U
Methyl Ethyl Ketone				1.5	1.5	5.3J	5.6J	1.5	4.5	1.3	10	6.2J	0.44J
Methyl Isobutyl Ketone				1.2U	1.2U	0.45J	0.53UJ	1.2U	0.66J	1.2U	0.41UJ	1J	1.2U
Methyl tert-butyl ether				0.54U	0.54U	0.54U	0.54U	0.54U	0.54U	0.54U	0.54U	0.54U	0.54U
Methylene chloride	60	3	100	2	1.3	19	18	5.5	24	1.3	31	1.8	1.3
Naphthalene													
o-Xylene		2	60	0.56J	0.56J	2	2J	0.69	0.65U	0.74	0.65UJ	5.2	0.65U
Propylene				0.26U	0.26U	0.26U	0.26U	0.26U	0.26U	0.26U	0.26U	0.26U	0.26U
Styrene				0.64U	0.64U	3.3	3.7J	0.64U	0.77	0.64U	1.5J	7.3	0.64U
Tetrachloroethylene	30	3	100	1U	1U	1U	1UJ	1U	1U	1U	1UJ	0.88J	1U
Tetrahydrofuran				2.7	2.9	1.8	1.7	2.7	0.44U	3.2	0.44U	12	0.44U
Toluene		10	300	6.6	6.7	6.5	6.6J	4.9	1.3	4.9	1.1J	40	0.41J
trans-1,2-Dichloroethene				0.59U	0.59U	0.59U	0.59U	0.59U	0.59U	0.59U	0.59U	0.59U	0.59U
trans-1,3-Dichloropropene				0.68U	0.68U	0.68U	0.68U	0.68U	0.68U	0.68U	0.68U	0.68U	0.68U
Trichloroethene	2	0.2	6	0.16U	0.16U	0.54J	0.54J	0.16U	1.5	0.16U	9	0.16U	0.16U
Vinyl acetate				0.53U	0.53U	0.53U	0.53U	0.53U	0.53U	0.53U	0.53U	0.53U	0.53U
Vinyl Bromide				0.66U	0.66U	0.66U	0.66U	0.66U	0.66U	0.66U	0.66U	0.66U	0.66U
Vinyl chloride		0.2	6	0.1U	0.1U	0.38U	0.38U	0.1U	0.38U	0.1U	0.38U	0.1U	0.1U

Notes:

- All values are reporting in micrograms per cubic meter (ug/m3)
- Analytical results compared to NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 and NYSDOH Soil Vapor / Indoor Air Decision Matrices, May 2017. Only those analytes with accompanying NYSDOH guidance values are shown.
- Paired sample locations are SSV-209 / IA-209, SSV-210 / IA-210, SSV-211 / IA-211.
- Red text indicates the analyte exceeds the respective NYSDOH AGV.
- For analytes that have a respective Decision Matrix:

Highlighted green indicates "No Further Action"

Highlighted orange indicates "Identify source and resample or Mitigate"
- "U" indicates the analyte not detected at the reported detection limit for the sample.
- "J" indicates estimated value.
- Blue qualifiers were applied based on a third party data usability review.

Appendices

Appendix A

Structure Sampling Questionnaire and Building Inventory Form



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Urban Villages Site Code: C734154 Operable Unit: _____
Building Code: Building 2 Building Name: Building 2
Address: 100 Buckley Road Apt/Suite No: _____
City: Salina State: New York Zip: 13088 County: Onondaga

Contact Information

Preparer's Name: Nicholas Coulombe Phone No: 315.455.2000
Preparer's Affiliation: C&S Engineers, Inc. Company Code: _____
Purpose of Investigation: Post-Renovation SVI Sampling Date of Inspection: 4/23/2026
Contact Name: Vittorio Pascarella Affiliation: Owner
Phone No: 315.877.9112 Alt. Phone No: 315.256.6817 Email: vittorio@pdm-llc.com
Number of Occupants (total): 0 Number of Children: 0
☐ Occupant Interviewed? ☐ Owner Occupied? ☒ Owner Interviewed?
Owner Name (if different): UR-ban Villages PFA, LLC Owner Phone: 315.877.9112
Owner Mailing Address: 925 Seventh North Street, Liverpool, New York 13088

Building Details

Bldg Type (Res/Com/Ind/Mixed): Residential Bldg Size (S/M/L): Medium
If Commercial or Industrial Facility, Select Operations: _____ If Residential Select Structure Type: Apartment Home
Number of Floors: 3 Approx. Year Construction: 1910 ☒ Building Insulated? ☒ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Building is currently undergoing reconstruction and renovation activities. All exterior doors and windows have been installed and the building has been insulated. The building will primarily be heated using several ground source heat pumps connected to a closed-loop liquid geothermal system. The basement-level parking garage will also be equipped with a mechanical ventilation system designed to intake fresh outdoor air through wall intakes located along the east and south sides of the building and exhaust air through ventilation fans positioned along the western wall.

Foundation Description

Foundation Type: Basement Foundation Depth (bgs): 8 Unit: Feet
Foundation Floor Material: Poured Concrete Foundation Floor Thickness: 6 Unit: Inches
Foundation Wall Material: Concrete Block Foundation Wall Thickness: 10-18
☒ Floor penetrations? Describe Floor Penetrations: One open pipe in a exposed 40sf soil section. Pipe is obsolete
☒ Wall penetrations? Describe Wall Penetrations: Fan unit
Basement is: Unfinished Basement is: Dry ☒ Sumps/Drains? Water In Sump?: N/A
Describe Foundation Condition (cracks, seepage, etc.): 40sf of exposed soil in the northwest, and minor sections of exposed soil along foundation
☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: Geothermal Heat Fuel Type: Electric ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: Gas Clothes Dryer Fuel Type: Electric
Water Htr Vent Location: Outside Dryer Vent Location: Outside



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Building 2 Bldg Code: _____ Date: 04/23/2026

Bldg Address: 100 Buckley Road Apt/Suite No: _____

Bldg City/State/Zip: Salina, New York 13088

Make and Model of PID: Rae Systems ppbRae 3000 Date of Calibration: 04/23/2026

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Basement	Sherwin Williams Quick Dry Stain Block	126 oz	Used / Re-sealed	Vinyl Polymer, Kaolin, Titanium Dioxide, Crystalline Silica, Heavy Paraffinic Oil	404ppb	☐
	Sherwin Williams Super Paint	124 oz	Used / Re-sealed	Vinyl Polymer, Titanium Dioxide, Acrylic Polymer, Calcium Carbonate	404ppb	☐
	Sherwin Williams Cashmere	118 oz	Used / Re-sealed	Vinyl Ploymer, Acrylic Polymer, Calcium Carbonate, Titanium Dioxide	404ppb	☐
	Sherwin Williams Promar 200	118 oz	Used / Re-sealed	Vinyl Polymer, Vinyl Chloride Polymer, Urea Aldehyde Polymer, Heavy Paraffinic Oil	404ppb	☐
	Sherwin Williams Shellac Primer	126 oz	Used / Re-sealed	Ethanol, Titanium Dioxide, Calcined Kaolin, Calcium Carbonate, Shellac, methyl Isobutyl Ketone, Crystalline Silica, 1-methyl-2-Pyrrolidone, Lt. Aliphatic Hydrocarbon	404ppb	☐
	Sherwin Williams Pro Classic	116 oz	Used / Re-sealed	Acrylic Polymer, Crystalline Silica, Titanium Dioxide, Heavy Paraffinic Oil, Cristobalite	404ppb	☐
	Sherwin Williams Interior Duration	124 oz	Used / Re-sealed	Titanium Dioxide, Acrylic Polymer, Feldspars, Styrene-Acrylic Polymer, Vinyl Chloride Polymer, Crystalline Silica, Heavy Paraffinic Oil, Cristobalite, 2-Ethyl-2-hydroxymethyl-1, 3-Propanediol	404ppb	☐
	Insl-X Fire Retardant Paint	1 gal	Used / Re-sealed	Ammonium Polyphosphate, Titanium Dioxide, Melamine, Pentaerythritol, Aluminum Hydroxide, 2-Ethoxyethanol, Petroleum Distillates	404ppb	☐
	Sherwin Williams Bonding Primer	1 gal	Used / Re-sealed	Modified Acrylic Polymer, Calcium Carbonate, Crystalline Silica, Titanium Dioxide, Mica, Heavy Paraffinic Oil	404ppb	☐
	Flame Control	1 gal	Used / Re-sealed	aliphatic hydrocarbons (Stoddard type), 1,2,4-trimethylbenzene, p-chlorobenzotrifluoride, titanium dioxide, 1,3,5-triazine 2,4,6-triamine, aromatic petroleum distillates	404ppb	☐
	Sunnyside Back to Nature Ready Strip Rust Remover	32 oz	Used / Re-sealed	Oxalic Acid, Citric Acid	404ppb	☐
	Bona Traffic HD	118 oz	Used / Re-sealed	Water, polyurethane resins, Amorphous Silica	404ppb	☐
	K-88 Admix	1 gal	Used / Re-sealed	Water, Acrylic Resin	404ppb	☐
	Rust-Oleum Spray Paint	12 oz	Used / Re-sealed	Acetone, Dimethyl Carbonate, Butyl Acetate, 1-Methoxy-2-Propanol Acetate, Xylene, Ethylbenzene, Propylene Glycol N-Butyl Ether, Propane, Butane, Alkyd Resin, Pigments	404ppb	☐
	Soudal Soudafoam	24 oz	Used / Re-sealed	Diphenylmethane Diisocyanate (MDI), Polymethylene Polyphenyl Isocyanate, Polyether Polyol, Dimethyl Ether, Propane, Butane, Flame Retardants, Catalysts, Surfactants	404ppb	☐
						☐

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

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

Product Inventory Complete? ☒ Yes Were there any elevated PID readings taken on site? ☐ No ☒ Products with COC?



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Urban Villages BCP Site Site Code: _____ Operable Unit: _____

Building Code: Building 2 Building Name: Building 2

Address: 100 Buckley Road Apt/Suite No: _____

City: Salina State: NY Zip: 13088 County: Onondaga

Factors Affecting Indoor Air Quality

Frequency Basement/Lowest Level is Occupied?: Auto Garage Floor Material: Cement

☒ Inhabited? ☐ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source: _____ ☒ Is there smoking in the building?

☒ Air Fresheners? Description/Location of Air Freshener: _____

☒ Cleaning Products Used Recently?: Description of Cleaning Products: _____

☒ Cosmetic Products Used Recently?: Description of Cosmetic Products: _____

☒ New Carpet or Furniture? Location of New Carpet/Furniture: _____

☒ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics: _____

☒ Recent Painting/Staining? Location of New Painting: Several boards were stained approximately 3 days prior to testing

☒ Solvent or Chemical Odors? Describe Odors (if any): _____

☒ Do Any Occupants Use Solvents At Work? If So, List Solvents Used: See Below

☒ Recent Pesticide/Rodenticide? Description of Last Use: _____

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:
Construction work is ongoing in attached Building 2. Construction workers, using PVC solvents, paints, adhesives, caulks, and petroleum fuels, periodically use the basement of Building 1 for storage, painting, and other activities. These activities were not performed during the sampling event, but were conducted within a few days prior.

☒ Any Prior Testing For Radon? If So, When?: _____

☒ Any Prior Testing For VOCs? If So, When?: _____

Sampling Conditions

Weather Conditions: Sunny Outdoor Temperature: 66 °F

Current Building Use: Under Constuction Barometric Pressure: _____ in(hg)

Product Inventory Complete? ☒ Yes ☒ Building Questionnaire Completed?



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: Building 2

Address: 100 Buckley Road, Salina, New York 13088

Sampling Information

Sampler Name(s): Nicholas Coulombe

Sampler Company Code: _____

Sample Collection Date: 4/23/26 - 4/24/26

Date Samples Sent To Lab: 4/24/2026

Sample Chain of Custody Number: 2604045

Outdoor Air Sample Location ID: OA-203

SUMMA Canister Information

Sample ID:	<u>2604045-001A</u>	<u>2604045-002A</u>	<u>2604045-003A</u>	<u>2604045-004A</u>	<u>2604045-005A</u>
Location Code:	<u>IA-209</u>	<u>SSV-209</u>	<u>IA-210</u>	<u>SSV-210</u>	<u>IA-211</u>
Location Type:	<u>Basement</u>	<u>Subslab</u>	<u>Basement</u>	<u>Subslab</u>	<u>Basement</u>
Canister ID:	<u>735</u>	<u>832</u>	<u>750</u>	<u>1215</u>	<u>837</u>
Regulator ID:	<u>664</u>	<u>673</u>	<u>1422</u>	<u>1416</u>	<u>1419</u>
Matrix:	<u>Indoor Air</u>	<u>Subslab Soil Vapor</u>	<u>Indoor Air</u>	<u>Subslab Soil Vapor</u>	<u>Indoor Air</u>
Sampling Method:	<u>Summa Air Sampling</u>	<u>Summa Air Sampling</u>	<u>Summa Air Sampling</u>	<u>Summa Air Sampling</u>	<u>Summa Air Sampling</u>

Sampling Area Info

Slab Thickness (inches):	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>
Sub-Slab Material:	<u>Not Applicable</u>	<u>Crushed Stone</u>	<u>Not Applicable</u>	<u>Crushed Stone</u>
Sub-Slab Moisture:	<u>Dry</u>	<u>Dry</u>	<u>Dry</u>	<u>Dry</u>
Seal Type:	<u>Clay</u>	<u>Clay</u>	<u>Clay</u>	<u>Clay</u>
Seal Adequate?:	☒	☒	☒	☒

Sample Times and Vacuum Readings

Sample Start Date/Time:	<u>4/23/26 - 1142</u>	<u>4/23/26 - 1142</u>	<u>4/23/26 - 1143</u>	<u>4/23/26 - 1143</u>	<u>4/23/26 - 1144</u>
Vacuum Gauge Start:	<u>-30</u>	<u>-28</u>	<u>-30</u>	<u>-30</u>	<u>-29</u>
Sample End Date/Time:	<u>4/24/26 - 1052</u>	<u>4/24/26 - 1052</u>	<u>4/24/26 - 1055</u>	<u>4/24/26 - 1055</u>	<u>4/24/26 - 1058</u>
Vacuum Gauge End:	<u>-12</u>	<u>-9</u>	<u>-13</u>	<u>-11</u>	<u>-11</u>
Sample Duration (hrs):	<u>24</u>	<u>24</u>	<u>24</u>	<u>24</u>	<u>24</u>
Vacuum Gauge Unit:	<u>In (hg)</u>	<u>In (hg)</u>	<u>In (hg)</u>	<u>In (hg)</u>	<u>In (hg)</u>

Sample QA/QC Readings

Vapor Port Purge:	☐	☒	☐	☒	☐
Purge PID Reading:	<u>2066</u>	<u>1022</u>	<u>1022</u>	<u>1022</u>	<u>1022</u>
Purge PID Unit:	<u>ppb</u>	<u>ppb</u>	<u>ppb</u>	<u>ppb</u>	<u>ppb</u>
Tracer Test Pass:	☐	☒	☐	☒	☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: Building 2

Address: 100 Buckley Road, Salina, New York 13088

Sampling Information

Sampler Name(s): Nicholas Coulombe

Sampler Company Code: _____

Sample Collection Date: 4/23/26-4/24/26

Date Samples Sent To Lab: 4/24/2026

Sample Chain of Custody Number: 2604045

Outdoor Air Sample Location ID: OA-203

SUMMA Canister Information

Sample ID:	<u>2604045-006A</u>	<u>2604045-007A</u>	<u>2604045-008A</u>	<u>2604045-009A</u>	<u>2604045-010A</u>
Location Code:	<u>SSV-211</u>	<u>IA-212</u>	<u>OA-203</u>	<u>DUP-01-042426</u>	<u>DUP-02-042426</u>
Location Type:	<u>Subslab</u>	<u>First Floor</u>	<u>Outdoor</u>	<u>Basement</u>	<u>Subslab</u>
Canister ID:	<u>741</u>	<u>743</u>	<u>856</u>	<u>841</u>	<u>1214</u>
Regulator ID:	<u>1391</u>	<u>1448</u>	<u>655</u>	<u>664</u>	<u>673</u>
Matrix:	<u>Subslab Soil Vapor</u>	<u>Indoor Air</u>	<u>Ambient Outdoor Air</u>	<u>Indoor Air</u>	<u>Subslab Soil Vapor</u>
Sampling Method:	<u>Summa Air Sampling</u>	<u>Summa Air Sampling</u>	<u>Summa Air Sampling</u>	<u>Summa Air Sampling</u>	<u>Summa Air Sampling</u>

Sampling Area Info

Slab Thickness (inches):	<u>6</u>				<u>6</u>
Sub-Slab Material:	<u>Dirt</u>	<u>Not Applicable</u>	<u>Not Applicable</u>	<u>Not Applicable</u>	<u>Dirt</u>
Sub-Slab Moisture:	<u>Damp</u>				<u>Damp</u>
Seal Type:	<u>Clay</u>				<u>Clay</u>
Seal Adequate?:	☒	☐	☐	☐	☒

Sample Times and Vacuum Readings

Sample Start Date/Time:	<u>4/23/26 - 1144</u>	<u>4/23/26 - 1146</u>	<u>4/23/26 - 1150</u>	<u>4/23/26 - 1142</u>	<u>4/23/26 - 1142</u>
Vacuum Gauge Start:	<u>-30</u>	<u>-30</u>	<u>-30</u>	<u>-30</u>	<u>-28</u>
Sample End Date/Time:	<u>4/24/26 - 1058</u>	<u>4/24/26 - 1102</u>	<u>4/24/26 - 1105</u>	<u>4/24/26 - 1052</u>	<u>4/24/26 - 1052</u>
Vacuum Gauge End:	<u>-9</u>	<u>-10</u>	<u>-9</u>	<u>-12</u>	<u>-9</u>
Sample Duration (hrs):	<u>24</u>	<u>24</u>	<u>24</u>	<u>24</u>	<u>24</u>
Vacuum Gauge Unit:	<u>In (hg)</u>	<u>In (hg)</u>	<u>In (hg)</u>	<u>In (hg)</u>	<u>In (hg)</u>

Sample QA/QC Readings

Vapor Port Purge:	☒	☐	☐	☐	☒
Purge PID Reading:	<u>1862</u>				<u>2066</u>
Purge PID Unit:	<u>ppb</u>				<u>ppb</u>
Tracer Test Pass:	☒	☐	☐	☐	☒

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Appendix B

Laboratory Data Package



*SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us*

Nick Coulombe
C & S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, NY 13212
TEL: (315) 455-2000
FAX

RE: Urban Villages - BLDG 2

Order No.: 2604045

Dear Nick Coulombe:

I certify that this data package follows the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or on the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

SanAir Technologies Laboratory performs all analyses according to EPA, NIOSH or OSHA-approved analytical methods.

SanAir Technologies Laboratory provides quality analyses and exceptional customer service.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative.

All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services. Please contact your client service representative at (315) 431-9730 or me, if you would like any additional information regarding this report.

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Derek Areson DA

Derek Areson
Lead Technical Director



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Case Narrative

WO#: 2604045
Date: 5/4/2026

CLIENT: C & S Engineers, Inc.
Project: Urban Villages - BLDG 2

All documents contain the SanAir Technologies Laboratory Work Order Number assigned to this report.

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination. If particulate sampler containers were noted as not being intact on the Sample Receipt Checklist, it could bias the result due to potential loss of sample and/or cross contamination.

NYSDEC ASP samples:

Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (± 2 ", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (± 1 ", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg, ± 1 ". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek cannot guarantee that these criteria can always be achieved.

Any comments or problems with the analytical events associated with this report are noted below. See Corrective Action: [777] IS did not meet criteria.

Original



CHAIN-OF-CUSTODY RECORD

Page 1 of 1

ADDRESS

SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
FAX:
Website: www.CentekLabs.us

WorkOrder: 2604045

Client:

C & S Engineers, Inc.
499 Col. Eileen Collins Blvd.

TEL: (315) 455-2000

FAX:

ProjectNo: Urban Villages - BLDG 2

Syracuse, NY 13212

24-Apr-26

Sample ID	ClientSampID	Matrix	Date Collected	Bottle	Requested Tests					
					0_20_NYS	1ugM3_TO15				
2604045-001	IA-209	Air	4/23/2026		A					
2604045-002	SSV-209	Air	4/23/2026			A				
2604045-003	IA-210	Air	4/23/2026		A					
2604045-004	SSV-210	Air	4/23/2026			A				
2604045-005	IA-211	Air	4/23/2026		A					
2604045-006	SSV-211	Air	4/23/2026			A				
2604045-007	IA-212	Air	4/23/2026		A					
2604045-008	OA-203	Air	4/23/2026		A					
2604045-009	DUP-01-042426	Air	4/23/2026		A					
2604045-010	DUP-02-042426	Air	4/23/2026			A				

Comments:

	Date/Time		Date/Time
Relinquished by: _____	_____	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Page 5 of 44



SanAir Technologies Laboratory - Chain of Custody
3247 Vickery Road
Syracuse, NY 13212
315-431-9730
www.SanAir.com

Vapor Intrusion & IAQ

Site Name: 115340
Project: X&Z-002-01214-GE5-Bldg2
PO#:
Quote # Q-SR
Canister Order # 1175

Detection Limit Report Level
5ppbv Level I
1ug/M3 Level II
1ug/M3 + 0.2 NYS Cat "B" Like

Page 6 of 44

Turnaround Time:	Check One	Rush TAT	Due Date:	Company:	Report to:	Address:	City, State, Zip	Phone:	Canister Number	Ref Number	Analysis Request	Field Vacuum	Start/Stop	Labs V	Recv/Analysis	Comments
5 Business Days	☒	0%			<u>CAS ENGINEERS, INC.</u>	<u>1499 Col Eileen Collins</u>	<u>Syracuse, NY 13212</u>	<u>N. B. ROEDER & SONS, COM</u>	<u>832</u>	<u>Ref 20-042 (NICKS)</u>	<u>1ug/M3 + 0.2</u>	<u>-38</u>	<u>11</u>	<u>7</u>	<u>1142</u>	<u>1052</u>
4 Business Days	☐	25%														
2 Business Days	☒	50%	<u>4/24/26</u>													
Next Day by 5pm	☐	75%														
Next Day by Noon	☐	100%														
Same Day	☐	150%														
*For Same and Next Day TAT Please Notify Lab																
Sample ID	Date Sampled	Canister Number	Ref Number	Analysis Request	Field Vacuum	Start/Stop	Labs V	Recv/Analysis	Comments							
IA-Z09	<u>4/23-4/24</u>	<u>735</u>	<u>693</u>	<u>1ug/M3 + 0.2</u>	<u>-38</u>	<u>11</u>	<u>7</u>	<u>1142</u>	<u>1052</u>							
IA-210		<u>750</u>	<u>1422</u>	<u>1ug/M3</u>	<u>-30</u>	<u>11</u>	<u>11</u>	<u>1142</u>	<u>1052</u>							
IA-211		<u>1215</u>	<u>14</u>	<u>1ug/M3 + 0.2</u>	<u>-30</u>	<u>11</u>	<u>11</u>	<u>1142</u>	<u>1052</u>							
IA-212		<u>837</u>	<u>14</u>	<u>1ug/M3</u>	<u>-30</u>	<u>11</u>	<u>11</u>	<u>1142</u>	<u>1052</u>							
IA-213		<u>741</u>	<u>1391</u>	<u>1ug/M3</u>	<u>-30</u>	<u>11</u>	<u>11</u>	<u>1142</u>	<u>1052</u>							
IA-214		<u>743</u>	<u>1448</u>	<u>1ug/M3 + 0.2</u>	<u>-30</u>	<u>11</u>	<u>11</u>	<u>1142</u>	<u>1052</u>							
IA-215		<u>856</u>	<u>655</u>	<u>1ug/M3 + 0.2</u>	<u>-30</u>	<u>11</u>	<u>11</u>	<u>1142</u>	<u>1052</u>							
IA-216		<u>841</u>	<u>664</u>	<u>1ug/M3 + 0.2</u>	<u>-30</u>	<u>11</u>	<u>11</u>	<u>1142</u>	<u>1052</u>							
IA-217		<u>1214</u>	<u>673</u>	<u>1ug/M3</u>	<u>-28</u>	<u>11</u>	<u>11</u>	<u>1142</u>	<u>1052</u>							
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SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Sample Receipt Checklist

Client Name C&S - Syracuse

Work Order Numbe 2604045

RcptNo: 1

Date and Time Receive 4/24/2026 11:45:06 AM

Received by: Leo Lucisano

Completed by

Riley McKittrick

Reviewed by:

Paul Quinn DA

Completed Date:

4/24/2026 1:54:15 PM

Reviewed Date:

4/29/2026 4:12:54 PM

Carrier name: Client

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Not Present ☐

Are matrices correctly identified on Chain of custody?

Yes ☒

No ☐

Is it clear what analyses were requested?

Yes ☒

No ☐

Custody seals intact on sample bottles?

Yes ☐

No ☐

Not Present ☒

Samples in proper container/bottle?

Yes ☒

No ☐

Were correct preservatives used and noted?

Yes ☐

No ☐

NA ☒

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

Were container labels complete (ID, Pres, Date)?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Was an attempt made to cool the samples?

Yes ☐

No ☐

NA ☒

All samples received at a temp. of > 0° C to 6.0° C?

Yes ☐

No ☐

NA ☒

Response when temperature is outside of range:

Preservative added to bottles:

Sample Temp. taken and recorded upon receipt?

Yes ☐

No ☒

To °C

Water - Were bubbles absent in VOC vials?

Yes ☐

No ☐

No Vials ☒

Water - Was there Chlorine Present?

Yes ☐

No ☐

NA ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

NA ☒

Are Samples considered acceptable?

Yes ☒

No ☐

Custody Seals present?

Yes ☐

No ☒

Traffic Report or Packing Lists present?

Yes ☐

No ☒

Airbill or Sticker?

Air Bill ☐

Sticker ☒

Not Present ☐

Airbill No:

Sample Tags Present?

Yes ☐

No ☒

Sample Tags Listed on COC?

Yes ☐

No ☒

Tag Numbers:

Sample Condition?

Intact ☒

Broken ☐

Leaking ☐

Case Number:

SDG:

SAS:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
-----------	---------	-----------	-------------	---------	-----------	-----------

Assets Information

ID	Description	Type
6 L Suma Can - 832 VI - 08		Canisters
6 L Suma Can - 837 VI - 08		Canisters



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Sample Receipt Checklist

Client Name C&S - Syracuse

Work Order Numbe 2604045

ID	Description	Type
6 L Suma Can - 841 VI - 08		Canisters
6 L Suma Can - 856 VI - 08		Canisters
6 L Suma Can-0329 VI - 12		Canisters
6 L Suma Can-4560 VI - 07		Canisters
6 L Suma Can-6069 VI - 07		Canisters
6 L Suma Can-6071 VI - 07		Canisters
6 L Suma Can-6127 VI - 12		Canisters
6 L Suma Can-780 VI - 074		Canisters
Helium Leak Detector-02 -	Helium Leak Detector-02 - 1680	Equipments
Time-Set Reg - 3925 IAQ -		Flow Controller
Time-Set Reg - 3934 IAQ -		Flow Controller
Time-Set Reg - 3943 IAQ -		Flow Controller
Time-Set Reg-1565 IAQ - 1		Flow Controller
Time-Set Reg-1567 IAQ - 1		Flow Controller
Time-Set Reg-2191 IAQ - 1		Flow Controller
Time-Set Reg-2199 IAQ - 1		Flow Controller
Time-Set Reg-2517 IAQ - 1		Flow Controller
Tracer Gas Dome-04 - 050	Tracer Gas Dome-04 - 0501	Equipments

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client Contacted? ☐ Yes ☐ No ☒ NA Person Contacted:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted:

Contacted By:

Regarding:

CorrectiveAction:

CoC updated as per client request.

Comments:

Client called and requested TAT
change to 3 days.



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Sample Receipt Checklist

Client Name C&S - Syracuse

Work Order Numbe 2604045

Sample Details

SampID	ClientSampID	ContainerID	Type	Org pH	Temp.	RcptNo	Cooler No	Comments
2604045-001A	IA-209	6 L Suma Can- 6069 VI - 0735	Canister					
2604045-002A	SSV-209	6 L Suma Can - 832 VI - 0832	Canister					
2604045-003A	IA-210	6 L Suma Can- 4560 VI - 0750	Canister					
2604045-004A	SSV-210	6 L Suma Can- 6127 VI - 1215	Canister					
2604045-005A	IA-211	6 L Suma Can - 837 VI - 0837	Canister					
2604045-006A	SSV-211	6 L Suma Can- 780 VI - 0741	Canister					
2604045-007A	IA-212	6 L Suma Can- 6071 VI - 0743	Canister					
2604045-008A	OA-203	6 L Suma Can - 856 VI - 0856	Canister					
2604045-009A	DUP-01-042426	6 L Suma Can - 841 VI - 0841	Canister					
2604045-010A	DUP-02-042426	6 L Suma Can- 0329 VI - 1214	Canister					



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Workorder Sample Summary

WO#: 2604045

04-May-26

CLIENT: C & S Engineers, Inc.
Project: Urban Villages - BLDG 2

Lab SampleID	Client Sample ID	TDTube	CanisterID	FlowCon ID	Equip ID	Date Collected	Date Received	Matrix
2604045-001	IA-209		6 L Suma Can-6069 VI - 0735	Time-Set Reg - 3934 IAQ - 0664		4/23/2026	4/24/2026	Air
2604045-002	SSV-209		6 L Suma Can - 832 VI - 0832	Time-Set Reg - 3943 IAQ - 0673		4/23/2026	4/24/2026	Air
2604045-003	IA-210		6 L Suma Can-4560 VI - 0750	Time-Set Reg-1567 IAQ - 1422		4/23/2026	4/24/2026	Air
2604045-004	SSV-210		6 L Suma Can-6127 VI - 1215	Time-Set Reg-2199 IAQ - 1416		4/23/2026	4/24/2026	Air
2604045-005	IA-211		6 L Suma Can - 837 VI - 0837	Time-Set Reg-2517 IAQ - 1419		4/23/2026	4/24/2026	Air
2604045-006	SSV-211		6 L Suma Can-780 VI - 0741	Time-Set Reg-1565 IAQ - 1391		4/23/2026	4/24/2026	Air
2604045-007	IA-212		6 L Suma Can-6071 VI - 0743	Time-Set Reg-2191 IAQ - 1448		4/23/2026	4/24/2026	Air
2604045-008	OA-203		6 L Suma Can - 856 VI - 0856	Time-Set Reg - 3925 IAQ - 0655		4/23/2026	4/24/2026	Air
2604045-009	DUP-01-042426		6 L Suma Can - 841 VI - 0841	Time-Set Reg - 3934 IAQ - 0664		4/23/2026	4/24/2026	Air
2604045-010	DUP-02-042426		6 L Suma Can-0329 VI - 1214	Time-Set Reg - 3943 IAQ - 0673		4/23/2026	4/24/2026	Air

Original



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

DATES REPORT

WO#: 2604045

04-May-26

Client: C & S Engineers, Inc.
Project: Urban Villages - BLDG 2

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
2604045-001A	IA-209	4/23/2026	Air	1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 9:40:00 PM
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 12:35:00 PM
2604045-002A	SSV-209			1ug/M3 by Method TO15			4/28/2026 3:52:00 AM
				1ug/M3 by Method TO15			4/27/2026 6:37:00 PM
2604045-003A	IA-210			1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 1:29:00 PM
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 10:22:00 PM
2604045-004A	SSV-210			1ug/M3 by Method TO15			4/28/2026 4:34:00 AM
				1ug/M3 by Method TO15			4/27/2026 7:26:00 PM
2604045-005A	IA-211			1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 2:13:00 PM
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 11:04:00 PM
2604045-006A	SSV-211			1ug/M3 by Method TO15			4/28/2026 7:59:00 AM
				1ug/M3 by Method TO15			4/28/2026 5:16:00 AM
				1ug/M3 by Method TO15			4/27/2026 8:14:00 PM
2604045-007A	IA-212			1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/28/2026 12:26:00 AM
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 2:57:00 PM
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 11:45:00 PM
2604045-008A	OA-203			1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 3:42:00 PM
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/28/2026 1:07:00 AM

Original



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

DATES REPORT

WO#: 2604045

04-May-26

Client: C & S Engineers, Inc.
Project: Urban Villages - BLDG 2

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
2604045-009A	DUP-01-042426	4/23/2026	Air	1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/27/2026 4:26:00 PM
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DC 1,1DCE			4/28/2026 1:49:00 AM
2604045-010A	DUP-02-042426			1ug/M3 by Method TO15			4/28/2026 5:57:00 AM
				1ug/M3 by Method TO15			4/27/2026 8:59:00 PM

Original



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Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-001

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-6

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 12:35:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 12:35:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 12:35:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 12:35:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 12:35:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 12:35:00 PM
1,2,4-Trimethylbenzene	0.15	0.15	ppbV	0.74	0.74		1	4/27/2026 12:35:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 12:35:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 12:35:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 12:35:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 12:35:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 12:35:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 12:35:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 12:35:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 12:35:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 12:35:00 PM
2,2,4-trimethylpentane	1.6	0.15	ppbV	7.7	0.7		1	4/27/2026 12:35:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 12:35:00 PM
Acetone	15	3.0	ppbV	36	7.1		10	4/27/2026 9:40:00 PM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 12:35:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
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Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-001

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Benzene	0.19	0.15	ppbV	0.61	0.48		1	4/27/2026 12:35:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 12:35:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 12:35:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 12:35:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 12:35:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 12:35:00 PM
Carbon tetrachloride	0.070	0.030	ppbV	0.44	0.19		1	4/27/2026 12:35:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 12:35:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 12:35:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73		1	4/27/2026 12:35:00 PM
Chloromethane	0.61	0.15	ppbV	1.3	0.31		1	4/27/2026 12:35:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 12:35:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 12:35:00 PM
Cyclohexane	0.23	0.15	ppbV	0.79	0.52		1	4/27/2026 12:35:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 12:35:00 PM
Ethyl acetate	0.14	0.15	ppbV	0.5	0.54	J	1	4/27/2026 12:35:00 PM
Ethylbenzene	0.11	0.15	ppbV	0.48	0.65	J	1	4/27/2026 12:35:00 PM
Freon 11	0.22	0.15	ppbV	1.2	0.84		1	4/27/2026 12:35:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 12:35:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 12:35:00 PM
Freon 12	0.47	0.15	ppbV	2.3	0.74		1	4/27/2026 12:35:00 PM
Heptane	0.28	0.15	ppbV	1.1	0.61		1	4/27/2026 12:35:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 12:35:00 PM
Hexane	0.37	0.15	ppbV	1.3	0.53		1	4/27/2026 12:35:00 PM
Isopropyl alcohol	1.8	0.15	ppbV	4.3	0.37		1	4/27/2026 12:35:00 PM
m&p-Xylene	0.32	0.30	ppbV	1.4	1.3		1	4/27/2026 12:35:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 12:35:00 PM
Methyl Ethyl Ketone	0.52	0.30	ppbV	1.5	0.88		1	4/27/2026 12:35:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-001

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 12:35:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 12:35:00 PM
Methylene chloride	0.59	0.15	ppbV	2	0.52		1	4/27/2026 12:35:00 PM
o-Xylene	0.13	0.15	ppbV	0.56	0.65	J	1	4/27/2026 12:35:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 12:35:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64		1	4/27/2026 12:35:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 12:35:00 PM
Tetrahydrofuran	0.93	0.15	ppbV	2.7	0.44		1	4/27/2026 12:35:00 PM
Toluene	1.8	0.15	ppbV	6.6	0.57		1	4/27/2026 12:35:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 12:35:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 12:35:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16		1	4/27/2026 12:35:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 12:35:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 12:35:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1		1	4/27/2026 12:35:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 12:35:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-002

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-7

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
----------	--------	----	-------	-------------------	---------------	------	----	---------------

1UG/M3 BY METHOD TO15

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 6:37:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 6:37:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 6:37:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 6:37:00 PM
1,1-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 6:37:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 6:37:00 PM
1,2,4-Trimethylbenzene	1.3	0.15	ppbV	6.2	0.74		1	4/27/2026 6:37:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 6:37:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 6:37:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 6:37:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 6:37:00 PM
1,3,5-Trimethylbenzene	0.23	0.15	ppbV	1.1	0.74		1	4/27/2026 6:37:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 6:37:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 6:37:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 6:37:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 6:37:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7		1	4/27/2026 6:37:00 PM
4-ethyltoluene	0.29	0.15	ppbV	1.4	0.74		1	4/27/2026 6:37:00 PM
Acetone	17	3.0	ppbV	41	7.1		10	4/28/2026 3:52:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 6:37:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-002

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15				Analyst: DA
Benzene	0.62	0.15	ppbV	2	0.48		1	4/27/2026 6:37:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 6:37:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 6:37:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 6:37:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 6:37:00 PM
Carbon disulfide	3.9	1.5	ppbV	12	4.7		10	4/28/2026 3:52:00 AM
Carbon tetrachloride	< 0.15	0.15	ppbV	<0.94	0.94		1	4/27/2026 6:37:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 6:37:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 6:37:00 PM
Chloroform	4.3	1.5	ppbV	21	7.3		10	4/28/2026 3:52:00 AM
Chloromethane	0.11	0.15	ppbV	0.23	0.31	J	1	4/27/2026 6:37:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 6:37:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 6:37:00 PM
Cyclohexane	0.66	0.15	ppbV	2.3	0.52		1	4/27/2026 6:37:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 6:37:00 PM
Ethyl acetate	0.59	0.15	ppbV	2.1	0.54		1	4/27/2026 6:37:00 PM
Ethylbenzene	0.45	0.15	ppbV	2	0.65		1	4/27/2026 6:37:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 6:37:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 6:37:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 6:37:00 PM
Freon 12	0.53	0.15	ppbV	2.6	0.74		1	4/27/2026 6:37:00 PM
Heptane	1.0	0.15	ppbV	4.3	0.61		1	4/27/2026 6:37:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 6:37:00 PM
Hexane	1.8	0.15	ppbV	6.2	0.53		1	4/27/2026 6:37:00 PM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37		1	4/27/2026 6:37:00 PM
m&p-Xylene	1.5	0.30	ppbV	6.6	1.3		1	4/27/2026 6:37:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 6:37:00 PM
Methyl Ethyl Ketone	1.8	3.0	ppbV	5.3	8.8	J	10	4/28/2026 3:52:00 AM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-002

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.11	0.30	ppbV	0.45	1.2	J	1	4/27/2026 6:37:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 6:37:00 PM
Methylene chloride	5.4	1.5	ppbV	19	5.2		10	4/28/2026 3:52:00 AM
o-Xylene	0.47	0.15	ppbV	2	0.65		1	4/27/2026 6:37:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 6:37:00 PM
Styrene	0.78	0.15	ppbV	3.3	0.64		1	4/27/2026 6:37:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 6:37:00 PM
Tetrahydrofuran	0.61	0.15	ppbV	1.8	0.44		1	4/27/2026 6:37:00 PM
Toluene	1.7	0.15	ppbV	6.5	0.57		1	4/27/2026 6:37:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 6:37:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 6:37:00 PM
Trichloroethene	0.10	0.15	ppbV	0.54	0.81	J	1	4/27/2026 6:37:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 6:37:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 6:37:00 PM
Vinyl chloride	< 0.15	0.15	ppbV	<0.38	0.38		1	4/27/2026 6:37:00 PM
Surr: Bromofluorobenzene	92.0	70-130	%Rec				1	4/27/2026 6:37:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-003

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-11

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 1:29:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 1:29:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 1:29:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 1:29:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 1:29:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 1:29:00 PM
1,2,4-Trimethylbenzene	0.18	0.15	ppbV	0.88	0.74		1	4/27/2026 1:29:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 1:29:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 1:29:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 1:29:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 1:29:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 1:29:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 1:29:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 1:29:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 1:29:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 1:29:00 PM
2,2,4-trimethylpentane	2.0	1.5	ppbV	9.3	7		10	4/27/2026 10:22:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 1:29:00 PM
Acetone	11	3.0	ppbV	26	7.1		10	4/27/2026 10:22:00 PM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 1:29:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-003

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Benzene	0.24	0.15	ppbV	0.77	0.48		1	4/27/2026 1:29:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 1:29:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 1:29:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 1:29:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 1:29:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 1:29:00 PM
Carbon tetrachloride	0.080	0.030	ppbV	0.5	0.19		1	4/27/2026 1:29:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 1:29:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 1:29:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73		1	4/27/2026 1:29:00 PM
Chloromethane	0.46	0.15	ppbV	0.95	0.31		1	4/27/2026 1:29:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 1:29:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 1:29:00 PM
Cyclohexane	0.15	0.15	ppbV	0.52	0.52		1	4/27/2026 1:29:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 1:29:00 PM
Ethyl acetate	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 1:29:00 PM
Ethylbenzene	0.14	0.15	ppbV	0.61	0.65	J	1	4/27/2026 1:29:00 PM
Freon 11	0.20	0.15	ppbV	1.1	0.84		1	4/27/2026 1:29:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 1:29:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 1:29:00 PM
Freon 12	0.48	0.15	ppbV	2.4	0.74		1	4/27/2026 1:29:00 PM
Heptane	0.27	0.15	ppbV	1.1	0.61		1	4/27/2026 1:29:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 1:29:00 PM
Hexane	0.46	0.15	ppbV	1.6	0.53		1	4/27/2026 1:29:00 PM
Isopropyl alcohol	2.2	1.5	ppbV	5.4	3.7		10	4/27/2026 10:22:00 PM
m&p-Xylene	0.41	0.30	ppbV	1.8	1.3		1	4/27/2026 1:29:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 1:29:00 PM
Methyl Ethyl Ketone	0.50	0.30	ppbV	1.5	0.88		1	4/27/2026 1:29:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-003

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	1		4/27/2026 1:29:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	1		4/27/2026 1:29:00 PM
Methylene chloride	1.6	0.15	ppbV	5.5	0.52	1		4/27/2026 1:29:00 PM
o-Xylene	0.16	0.15	ppbV	0.69	0.65	1		4/27/2026 1:29:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	1		4/27/2026 1:29:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64	1		4/27/2026 1:29:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	1		4/27/2026 1:29:00 PM
Tetrahydrofuran	0.92	0.15	ppbV	2.7	0.44	1		4/27/2026 1:29:00 PM
Toluene	1.3	0.15	ppbV	4.9	0.57	1		4/27/2026 1:29:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	1		4/27/2026 1:29:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	1		4/27/2026 1:29:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16	1		4/27/2026 1:29:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	1		4/27/2026 1:29:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	1		4/27/2026 1:29:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1	1		4/27/2026 1:29:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec			1		4/27/2026 1:29:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-004

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-9

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 BY METHOD TO15

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 7:26:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 7:26:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 7:26:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 7:26:00 PM
1,1-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 7:26:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 7:26:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 7:26:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 7:26:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 7:26:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 7:26:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 7:26:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 7:26:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 7:26:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 7:26:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 7:26:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 7:26:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7		1	4/27/2026 7:26:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 7:26:00 PM
Acetone	17	3.0	ppbV	41	7.1		10	4/28/2026 4:34:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 7:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-004

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15				Analyst: DA
Benzene	0.81	0.15	ppbV	2.6	0.48		1	4/27/2026 7:26:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 7:26:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 7:26:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 7:26:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 7:26:00 PM
Carbon disulfide	0.96	0.15	ppbV	3	0.47		1	4/27/2026 7:26:00 PM
Carbon tetrachloride	< 0.15	0.15	ppbV	<0.94	0.94		1	4/27/2026 7:26:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 7:26:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 7:26:00 PM
Chloroform	2.3	1.5	ppbV	11	7.3		10	4/28/2026 4:34:00 AM
Chloromethane	< 0.15	0.15	ppbV	<0.31	0.31		1	4/27/2026 7:26:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 7:26:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 7:26:00 PM
Cyclohexane	1.1	0.15	ppbV	3.7	0.52		1	4/27/2026 7:26:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 7:26:00 PM
Ethyl acetate	0.89	0.15	ppbV	3.2	0.54		1	4/27/2026 7:26:00 PM
Ethylbenzene	0.13	0.15	ppbV	0.56	0.65	J	1	4/27/2026 7:26:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 7:26:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 7:26:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 7:26:00 PM
Freon 12	0.58	0.15	ppbV	2.9	0.74		1	4/27/2026 7:26:00 PM
Heptane	1.6	1.5	ppbV	6.6	6.1		10	4/28/2026 4:34:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 7:26:00 PM
Hexane	2.6	1.5	ppbV	9.2	5.3		10	4/28/2026 4:34:00 AM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37		1	4/27/2026 7:26:00 PM
m&p-Xylene	0.29	0.30	ppbV	1.3	1.3	J	1	4/27/2026 7:26:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 7:26:00 PM
Methyl Ethyl Ketone	1.5	0.30	ppbV	4.5	0.88		1	4/27/2026 7:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-004

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.16	0.30	ppbV	0.66	1.2	J	1	4/27/2026 7:26:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 7:26:00 PM
Methylene chloride	6.9	1.5	ppbV	24	5.2		10	4/28/2026 4:34:00 AM
o-Xylene	< 0.15	0.15	ppbV	<0.65	0.65		1	4/27/2026 7:26:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 7:26:00 PM
Styrene	0.18	0.15	ppbV	0.77	0.64		1	4/27/2026 7:26:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 7:26:00 PM
Tetrahydrofuran	< 0.15	0.15	ppbV	<0.44	0.44		1	4/27/2026 7:26:00 PM
Toluene	0.35	0.15	ppbV	1.3	0.57		1	4/27/2026 7:26:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 7:26:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 7:26:00 PM
Trichloroethene	0.28	0.15	ppbV	1.5	0.81		1	4/27/2026 7:26:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 7:26:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 7:26:00 PM
Vinyl chloride	< 0.15	0.15	ppbV	<0.38	0.38		1	4/27/2026 7:26:00 PM
Surr: Bromofluorobenzene	96.0	70-130	%Rec				1	4/27/2026 7:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-005

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-12

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 2:13:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 2:13:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 2:13:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 2:13:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 2:13:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 2:13:00 PM
1,2,4-Trimethylbenzene	0.17	0.15	ppbV	0.84	0.74		1	4/27/2026 2:13:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 2:13:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 2:13:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 2:13:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 2:13:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 2:13:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 2:13:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 2:13:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 2:13:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 2:13:00 PM
2,2,4-trimethylpentane	2.7	1.5	ppbV	13	7		10	4/27/2026 11:04:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 2:13:00 PM
Acetone	6.9	3.0	ppbV	16	7.1		10	4/27/2026 11:04:00 PM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 2:13:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-005

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Benzene	0.24	0.15	ppbV	0.77	0.48		1	4/27/2026 2:13:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 2:13:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 2:13:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 2:13:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 2:13:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 2:13:00 PM
Carbon tetrachloride	0.070	0.030	ppbV	0.44	0.19		1	4/27/2026 2:13:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 2:13:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 2:13:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73		1	4/27/2026 2:13:00 PM
Chloromethane	0.57	0.15	ppbV	1.2	0.31		1	4/27/2026 2:13:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 2:13:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 2:13:00 PM
Cyclohexane	0.16	0.15	ppbV	0.55	0.52		1	4/27/2026 2:13:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 2:13:00 PM
Ethyl acetate	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 2:13:00 PM
Ethylbenzene	0.17	0.15	ppbV	0.74	0.65		1	4/27/2026 2:13:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 2:13:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 2:13:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 2:13:00 PM
Freon 12	0.48	0.15	ppbV	2.4	0.74		1	4/27/2026 2:13:00 PM
Heptane	0.31	0.15	ppbV	1.3	0.61		1	4/27/2026 2:13:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 2:13:00 PM
Hexane	0.58	0.15	ppbV	2	0.53		1	4/27/2026 2:13:00 PM
Isopropyl alcohol	3.2	1.5	ppbV	7.9	3.7		10	4/27/2026 11:04:00 PM
m&p-Xylene	0.48	0.30	ppbV	2.1	1.3		1	4/27/2026 2:13:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 2:13:00 PM
Methyl Ethyl Ketone	0.45	0.30	ppbV	1.3	0.88		1	4/27/2026 2:13:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-005

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 2:13:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 2:13:00 PM
Methylene chloride	0.36	0.15	ppbV	1.3	0.52		1	4/27/2026 2:13:00 PM
o-Xylene	0.17	0.15	ppbV	0.74	0.65		1	4/27/2026 2:13:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 2:13:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64		1	4/27/2026 2:13:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 2:13:00 PM
Tetrahydrofuran	1.1	0.15	ppbV	3.2	0.44		1	4/27/2026 2:13:00 PM
Toluene	1.3	0.15	ppbV	4.9	0.57		1	4/27/2026 2:13:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 2:13:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 2:13:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16		1	4/27/2026 2:13:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 2:13:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 2:13:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1		1	4/27/2026 2:13:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 2:13:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Syracuse, NY 13212
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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-006

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-9

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 BY METHOD TO15

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 8:14:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 8:14:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 8:14:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 8:14:00 PM
1,1-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 8:14:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 8:14:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 8:14:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 8:14:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 8:14:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 8:14:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 8:14:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 8:14:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 8:14:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 8:14:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 8:14:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 8:14:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7		1	4/27/2026 8:14:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 8:14:00 PM
Acetone	73	12	ppbV	170	29		40	4/28/2026 7:59:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 8:14:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-006

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15				Analyst: DA
Benzene	0.65	0.15	ppbV	2.1	0.48		1	4/27/2026 8:14:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 8:14:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 8:14:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 8:14:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 8:14:00 PM
Carbon disulfide	2.9	1.5	ppbV	9	4.7		10	4/28/2026 5:16:00 AM
Carbon tetrachloride	< 0.15	0.15	ppbV	<0.94	0.94		1	4/27/2026 8:14:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 8:14:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 8:14:00 PM
Chloroform	2.1	1.5	ppbV	10	7.3		10	4/28/2026 5:16:00 AM
Chloromethane	0.17	0.15	ppbV	0.35	0.31		1	4/27/2026 8:14:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 8:14:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 8:14:00 PM
Cyclohexane	1.0	0.15	ppbV	3.5	0.52		1	4/27/2026 8:14:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 8:14:00 PM
Ethyl acetate	1.2	0.15	ppbV	4.3	0.54		1	4/27/2026 8:14:00 PM
Ethylbenzene	0.19	0.15	ppbV	0.83	0.65		1	4/27/2026 8:14:00 PM
Freon 11	0.17	0.15	ppbV	0.96	0.84		1	4/27/2026 8:14:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 8:14:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 8:14:00 PM
Freon 12	1.7	0.15	ppbV	8.4	0.74		1	4/27/2026 8:14:00 PM
Heptane	1.2	0.15	ppbV	4.8	0.61		1	4/27/2026 8:14:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 8:14:00 PM
Hexane	2.2	1.5	ppbV	7.8	5.3		10	4/28/2026 5:16:00 AM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37		1	4/27/2026 8:14:00 PM
m&p-Xylene	0.40	0.30	ppbV	1.7	1.3		1	4/27/2026 8:14:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 8:14:00 PM
Methyl Ethyl Ketone	3.4	3.0	ppbV	10	8.8		10	4/28/2026 5:16:00 AM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-006

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.10	0.30	ppbV	0.41	1.2	J	1	4/27/2026 8:14:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 8:14:00 PM
Methylene chloride	8.8	1.5	ppbV	31	5.2		10	4/28/2026 5:16:00 AM
o-Xylene	< 0.15	0.15	ppbV	<0.65	0.65		1	4/27/2026 8:14:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 8:14:00 PM
Styrene	0.35	0.15	ppbV	1.5	0.64		1	4/27/2026 8:14:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 8:14:00 PM
Tetrahydrofuran	< 0.15	0.15	ppbV	<0.44	0.44		1	4/27/2026 8:14:00 PM
Toluene	0.30	0.15	ppbV	1.1	0.57		1	4/27/2026 8:14:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 8:14:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 8:14:00 PM
Trichloroethene	1.7	0.15	ppbV	9	0.81		1	4/27/2026 8:14:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 8:14:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 8:14:00 PM
Vinyl chloride	< 0.15	0.15	ppbV	<0.38	0.38		1	4/27/2026 8:14:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 8:14:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-212

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-007

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-6

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 2:57:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 2:57:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 2:57:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 2:57:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 2:57:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 2:57:00 PM
1,2,4-Trimethylbenzene	1.9	1.5	ppbV	9.3	7.4		10	4/27/2026 11:45:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 2:57:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 2:57:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 2:57:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 2:57:00 PM
1,3,5-Trimethylbenzene	0.47	0.15	ppbV	2.3	0.74		1	4/27/2026 2:57:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 2:57:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 2:57:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 2:57:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 2:57:00 PM
2,2,4-trimethylpentane	2.9	1.5	ppbV	14	7		10	4/27/2026 11:45:00 PM
4-ethyltoluene	0.56	0.15	ppbV	2.8	0.74		1	4/27/2026 2:57:00 PM
Acetone	35	6.0	ppbV	82	14		20	4/28/2026 12:26:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 2:57:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-212

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-007

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Benzene	0.73	0.15	ppbV	2.3	0.48		1	4/27/2026 2:57:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 2:57:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 2:57:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 2:57:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 2:57:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 2:57:00 PM
Carbon tetrachloride	0.080	0.030	ppbV	0.5	0.19		1	4/27/2026 2:57:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 2:57:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 2:57:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73		1	4/27/2026 2:57:00 PM
Chloromethane	0.42	0.15	ppbV	0.87	0.31		1	4/27/2026 2:57:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 2:57:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 2:57:00 PM
Cyclohexane	0.45	0.15	ppbV	1.5	0.52		1	4/27/2026 2:57:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 2:57:00 PM
Ethyl acetate	0.23	0.15	ppbV	0.83	0.54		1	4/27/2026 2:57:00 PM
Ethylbenzene	1.4	0.15	ppbV	5.9	0.65		1	4/27/2026 2:57:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 2:57:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 2:57:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 2:57:00 PM
Freon 12	0.48	0.15	ppbV	2.4	0.74		1	4/27/2026 2:57:00 PM
Heptane	1.7	0.15	ppbV	7	0.61		1	4/27/2026 2:57:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 2:57:00 PM
Hexane	0.89	0.15	ppbV	3.1	0.53		1	4/27/2026 2:57:00 PM
Isopropyl alcohol	4.2	1.5	ppbV	10	3.7		10	4/27/2026 11:45:00 PM
m&p-Xylene	3.9	3.0	ppbV	17	13		10	4/27/2026 11:45:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 2:57:00 PM
Methyl Ethyl Ketone	2.1	3.0	ppbV	6.2	8.8	J	10	4/27/2026 11:45:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
3247 Vickery Road
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-212

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-007

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.25	0.30	ppbV	1	1.2	J	1	4/27/2026 2:57:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 2:57:00 PM
Methylene chloride	0.52	0.15	ppbV	1.8	0.52		1	4/27/2026 2:57:00 PM
o-Xylene	1.2	0.15	ppbV	5.2	0.65		1	4/27/2026 2:57:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 2:57:00 PM
Styrene	1.7	0.15	ppbV	7.3	0.64		1	4/27/2026 2:57:00 PM
Tetrachloroethylene	0.13	0.15	ppbV	0.88	1	J	1	4/27/2026 2:57:00 PM
Tetrahydrofuran	4.0	1.5	ppbV	12	4.4		10	4/27/2026 11:45:00 PM
Toluene	11	1.5	ppbV	40	5.7		10	4/27/2026 11:45:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 2:57:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 2:57:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16		1	4/27/2026 2:57:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 2:57:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 2:57:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1		1	4/27/2026 2:57:00 PM
Surr: Bromofluorobenzene	101	70-130	%Rec				1	4/27/2026 2:57:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: OA-203

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-008

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-7

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
----------	--------	----	-------	-------------------	---------------	------	----	---------------

1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 3:42:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 3:42:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 3:42:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 3:42:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 3:42:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 3:42:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 3:42:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 3:42:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 3:42:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 3:42:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 3:42:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 3:42:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 3:42:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 3:42:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 3:42:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 3:42:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7		1	4/27/2026 3:42:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 3:42:00 PM
Acetone	6.3	3.0	ppbV	15	7.1		10	4/28/2026 1:07:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 3:42:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: OA-203

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-008

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Benzene	< 0.15	0.15	ppbV	<0.48	0.48		1	4/27/2026 3:42:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 3:42:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 3:42:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 3:42:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 3:42:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 3:42:00 PM
Carbon tetrachloride	0.080	0.030	ppbV	0.5	0.19		1	4/27/2026 3:42:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 3:42:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 3:42:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73		1	4/27/2026 3:42:00 PM
Chloromethane	0.42	0.15	ppbV	0.87	0.31		1	4/27/2026 3:42:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 3:42:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 3:42:00 PM
Cyclohexane	< 0.15	0.15	ppbV	<0.52	0.52		1	4/27/2026 3:42:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 3:42:00 PM
Ethyl acetate	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 3:42:00 PM
Ethylbenzene	< 0.15	0.15	ppbV	<0.65	0.65		1	4/27/2026 3:42:00 PM
Freon 11	0.20	0.15	ppbV	1.1	0.84		1	4/27/2026 3:42:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 3:42:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 3:42:00 PM
Freon 12	0.47	0.15	ppbV	2.3	0.74		1	4/27/2026 3:42:00 PM
Heptane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 3:42:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 3:42:00 PM
Hexane	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 3:42:00 PM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37		1	4/27/2026 3:42:00 PM
m&p-Xylene	< 0.30	0.30	ppbV	<1.3	1.3		1	4/27/2026 3:42:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 3:42:00 PM
Methyl Ethyl Ketone	0.15	0.30	ppbV	0.44	0.88	J	1	4/27/2026 3:42:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: OA-203

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-008

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 3:42:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 3:42:00 PM
Methylene chloride	0.36	0.15	ppbV	1.3	0.52		1	4/27/2026 3:42:00 PM
o-Xylene	< 0.15	0.15	ppbV	<0.65	0.65		1	4/27/2026 3:42:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 3:42:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64		1	4/27/2026 3:42:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 3:42:00 PM
Tetrahydrofuran	< 0.15	0.15	ppbV	<0.44	0.44		1	4/27/2026 3:42:00 PM
Toluene	0.11	0.15	ppbV	0.41	0.57	J	1	4/27/2026 3:42:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 3:42:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 3:42:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16		1	4/27/2026 3:42:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 3:42:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 3:42:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1		1	4/27/2026 3:42:00 PM
Surr: Bromofluorobenzene	95.0	70-130	%Rec				1	4/27/2026 3:42:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-01-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-009

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-6

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 4:26:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 4:26:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 4:26:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 4:26:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 4:26:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 4:26:00 PM
1,2,4-Trimethylbenzene	0.14	0.15	ppbV	0.69	0.74	J	1	4/27/2026 4:26:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 4:26:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 4:26:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 4:26:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 4:26:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 4:26:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 4:26:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 4:26:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 4:26:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 4:26:00 PM
2,2,4-trimethylpentane	1.7	0.15	ppbV	7.8	0.7		1	4/27/2026 4:26:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74		1	4/27/2026 4:26:00 PM
Acetone	15	3.0	ppbV	36	7.1		10	4/28/2026 1:49:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 4:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-01-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-009

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Benzene	0.18	0.15	ppbV	0.58	0.48		1	4/27/2026 4:26:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 4:26:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 4:26:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 4:26:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 4:26:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 4:26:00 PM
Carbon tetrachloride	0.070	0.030	ppbV	0.44	0.19		1	4/27/2026 4:26:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 4:26:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 4:26:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73		1	4/27/2026 4:26:00 PM
Chloromethane	0.63	0.15	ppbV	1.3	0.31		1	4/27/2026 4:26:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16		1	4/27/2026 4:26:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 4:26:00 PM
Cyclohexane	0.18	0.15	ppbV	0.62	0.52		1	4/27/2026 4:26:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 4:26:00 PM
Ethyl acetate	0.15	0.15	ppbV	0.54	0.54		1	4/27/2026 4:26:00 PM
Ethylbenzene	0.11	0.15	ppbV	0.48	0.65	J	1	4/27/2026 4:26:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 4:26:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 4:26:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 4:26:00 PM
Freon 12	0.47	0.15	ppbV	2.3	0.74		1	4/27/2026 4:26:00 PM
Heptane	0.29	0.15	ppbV	1.2	0.61		1	4/27/2026 4:26:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 4:26:00 PM
Hexane	0.38	0.15	ppbV	1.3	0.53		1	4/27/2026 4:26:00 PM
Isopropyl alcohol	1.8	0.15	ppbV	4.5	0.37		1	4/27/2026 4:26:00 PM
m&p-Xylene	0.31	0.30	ppbV	1.3	1.3		1	4/27/2026 4:26:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 4:26:00 PM
Methyl Ethyl Ketone	0.51	0.30	ppbV	1.5	0.88		1	4/27/2026 4:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-01-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-009

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15				Analyst: DA
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 4:26:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 4:26:00 PM
Methylene chloride	0.38	0.15	ppbV	1.3	0.52		1	4/27/2026 4:26:00 PM
o-Xylene	0.13	0.15	ppbV	0.56	0.65	J	1	4/27/2026 4:26:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 4:26:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64		1	4/27/2026 4:26:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 4:26:00 PM
Tetrahydrofuran	0.99	0.15	ppbV	2.9	0.44		1	4/27/2026 4:26:00 PM
Toluene	1.8	0.15	ppbV	6.7	0.57		1	4/27/2026 4:26:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 4:26:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 4:26:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16		1	4/27/2026 4:26:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 4:26:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 4:26:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1		1	4/27/2026 4:26:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 4:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-02-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-010

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-8

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 BY METHOD TO15

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 8:59:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 8:59:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82		1	4/27/2026 8:59:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 8:59:00 PM
1,1-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 8:59:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 8:59:00 PM
1,2,4-Trimethylbenzene	1.4	0.15	ppbV	6.7	0.74		1	4/27/2026 8:59:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2		1	4/27/2026 8:59:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 8:59:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61		1	4/27/2026 8:59:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 8:59:00 PM
1,3,5-Trimethylbenzene	0.23	0.15	ppbV	1.1	0.74		1	4/27/2026 8:59:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33		1	4/27/2026 8:59:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 8:59:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9		1	4/27/2026 8:59:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1		1	4/27/2026 8:59:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7		1	4/27/2026 8:59:00 PM
4-ethyltoluene	0.33	0.15	ppbV	1.6	0.74		1	4/27/2026 8:59:00 PM
Acetone	18	3.0	ppbV	43	7.1		10	4/28/2026 5:57:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47		1	4/27/2026 8:59:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-02-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-010

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15				Analyst: DA
Benzene	0.61	0.15	ppbV	1.9	0.48		1	4/27/2026 8:59:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86		1	4/27/2026 8:59:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 8:59:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 8:59:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58		1	4/27/2026 8:59:00 PM
Carbon disulfide	3.9	1.5	ppbV	12	4.7		10	4/28/2026 5:57:00 AM
Carbon tetrachloride	< 0.15	0.15	ppbV	<0.94	0.94		1	4/27/2026 8:59:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69		1	4/27/2026 8:59:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4		1	4/27/2026 8:59:00 PM
Chloroform	4.3	1.5	ppbV	21	7.3		10	4/28/2026 5:57:00 AM
Chloromethane	0.10	0.15	ppbV	0.21	0.31	J	1	4/27/2026 8:59:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 8:59:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 8:59:00 PM
Cyclohexane	0.71	0.15	ppbV	2.4	0.52		1	4/27/2026 8:59:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3		1	4/27/2026 8:59:00 PM
Ethyl acetate	0.64	0.15	ppbV	2.3	0.54		1	4/27/2026 8:59:00 PM
Ethylbenzene	0.46	0.15	ppbV	2	0.65		1	4/27/2026 8:59:00 PM
Freon 11	0.20	0.15	ppbV	1.1	0.84		1	4/27/2026 8:59:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1		1	4/27/2026 8:59:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 8:59:00 PM
Freon 12	0.50	0.15	ppbV	2.5	0.74		1	4/27/2026 8:59:00 PM
Heptane	1.1	0.15	ppbV	4.3	0.61		1	4/27/2026 8:59:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6		1	4/27/2026 8:59:00 PM
Hexane	1.9	0.15	ppbV	6.7	0.53		1	4/27/2026 8:59:00 PM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37		1	4/27/2026 8:59:00 PM
m&p-Xylene	1.5	0.30	ppbV	6.7	1.3		1	4/27/2026 8:59:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2		1	4/27/2026 8:59:00 PM
Methyl Ethyl Ketone	1.9	3.0	ppbV	5.6	8.8	J	10	4/28/2026 5:57:00 AM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported:

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-02-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-010

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.13	0.30	ppbV	0.53	1.2	J	1	4/27/2026 8:59:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54		1	4/27/2026 8:59:00 PM
Methylene chloride	5.3	1.5	ppbV	18	5.2		10	4/28/2026 5:57:00 AM
o-Xylene	0.47	0.15	ppbV	2	0.65		1	4/27/2026 8:59:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26		1	4/27/2026 8:59:00 PM
Styrene	0.87	0.15	ppbV	3.7	0.64		1	4/27/2026 8:59:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1		1	4/27/2026 8:59:00 PM
Tetrahydrofuran	0.58	0.15	ppbV	1.7	0.44		1	4/27/2026 8:59:00 PM
Toluene	1.8	0.15	ppbV	6.6	0.57		1	4/27/2026 8:59:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59		1	4/27/2026 8:59:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68		1	4/27/2026 8:59:00 PM
Trichloroethene	0.10	0.15	ppbV	0.54	0.81	J	1	4/27/2026 8:59:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53		1	4/27/2026 8:59:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66		1	4/27/2026 8:59:00 PM
Vinyl chloride	< 0.15	0.15	ppbV	<0.38	0.38		1	4/27/2026 8:59:00 PM
Surr: Bromofluorobenzene	92.0	70-130	%Rec				1	4/27/2026 8:59:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits



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Definition Only

WO#: 2604045
Date:

Definitions:

% REC: Percent Recovery; a measure of accuracy expressed as a percentage of a measured (recovered) concentration compared to the known concentration added to the sample.

% RPD: Relative Percent Difference; a measure of precision expressed as a percentage of the difference between two duplicates relative to the average concentration.

DF: Dilution factor; the dilution factor applied to the prepared sample.

DL: Detection Limit of the instrument used for the analysis. This does not reflect the maximum concentration of the regulatory limits.

DUP: Duplicate; aliquots of a sample taken from the same container under laboratory conditions and processed and analyzed independently, used to calculate Precision (%RPD).

LCS: Laboratory Control Sample; prepared by adding a known mass of target analytes to a specified amount of de-ionized water and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: The duplicate sample of the LCS, used to calculate both Accuracy (%REC) and Precision (%RPD)

MBLK: Method Blank; a sample of similar matrix that is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedure, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses.

MS: Matrix Spike; prepared by adding a known mass of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC)

MSD: The duplicate sample of the MS, used to calculate both Accuracy (%REC) and Precision (%RPD)

Qual: Qualifier that applies to the analyte reported

Result: Analyte concentration reported

RL: Reporting Limit/Limit of Quantitation; the limit to which data is compared for reporting. Analyte

Original



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TEL: (315) 431-9730
Website: www.CentekLabs.us

Definition Only

WO#: 2604045

Date:

Definitions:

concentrations below the reporting limit are reported as ND or with a “J” qualifier.

Units: The units in which the analyte concentration is reported.

Original

Appendix C

Data Usability Summary Report

Data Usability Summary Report

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

Urban Villages-Bldg 2
San Air Technologies Laboratory, SDG#2604045
May 17, 2026
Sampling date: 4/23/2026

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

Urban Villages-Bldg 2
SDG#2604045

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for C&S Engineers, Inc., project located at Urban Villages-Bldg 2, San Air Technologies Laboratory, SDG#2604045 submitted to Vali-Data of WNY, LLC on May 11, 2026. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines (SOP NO. HW-31, revision 6). The laboratory performed the analysis using Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

ID	Sample ID	Laboratory ID
1	IA-209	2604045-001
2	SSV-209	2604045-002
3	IA-210	2604045-003
4	SSV-210	2604045-004
5	IA-211	2604045-005
6	SSV-211	2604045-006
7	IA-212	2604045-007
8	OA-203	2604045-008
9	DUP-01-042426	2604045-009
10	DUP-02-042426	2604045-010

VOLATILE ORGANIC COMPOUNDS

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

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

The items listed above were technically in compliance with the method and SOP criteria with

Urban Villages-Bldg 2

SDG#2604045

the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries.

DATA COMPLETENESS

All criteria were met except the raw data for Styrene in the initial calibration level .15 was not recorded on the raw data. An updated page is attached.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except can #856 was not included in the 'Container Order Report'. An updated page is attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the area of Chlorobenzene-d₅ was outside QC limits, high in DUSR ID#6 and #10. The following target analytes should be qualified as estimated in these samples.

Toluene	Methyl isobutyl ketone	Dibromochloromethane
Methyl butyl ketone	1,2-Dibromoethane	Tetrachloroethene
Chlorobenzene	Ethylbenzene	m&p-Xylene
o-Xylene	Styrene	Benzyl chloride
4-Ethyltoluene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene
1,1,2,2-Tetrachloroethane	1,2,4-Trichlorobenzene	Bromoform
1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except Methyl ethyl ketone, Styrene and Trichloroethene were detected in DUSR ID#2 but were not detected in #9. Ethanol was detected in DUSR ID#9 but was not detected in #2.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

CANISTER CERTIFICATION BLANKS

All criteria were met.



SanAir Technologies Laboratory
3247 Vickery Road
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Case Narrative

WO#: 2604045
Date: 5/4/2026

CLIENT: C & S Engineers, Inc.
Project: Urban Villages - BLDG 2

All documents contain the SanAir Technologies Laboratory Work Order Number assigned to this report.

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination. If particulate sampler containers were noted as not being intact on the Sample Receipt Checklist, it could bias the result due to potential loss of sample and/or cross contamination.

NYSDEC ASP samples:

Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg ($\pm 2''$, vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg ($\pm 1''$, vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg, $\pm 1''$. Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek cannot guarantee that these criteria can always be achieved.

Any comments or problems with the analytical events associated with this report are noted below. See Corrective Action: [777] IS did not meet criteria.

Revision v1

SanAir Technologies Laboratory

Corrective Action Report

Date Initiated:	28-Apr-26	Initiated By:	Derek Areson	CAR ID:	777
MainID Type:	Department	Department:	MSVOA	Run ID:	
Instrument ID:	HP5975 MSD6	Batch ID:		WorkOrder:	2604045
Analyst:	Derek Areson				
Client ID:	C&S - Syracuse				

Corrective Action Description

CAR Summary: IS did not meet criteria.

Description of Nonconformance: IS3 was high for 2604045-006A and 2604045-010A on 4/27/2026. IS3 met criteria in 10X and 40X dilutions.

Description of Corrective Action: IS3 returned to acceptable levels in 2604045-006A 10X and 40X, and in 2604045-010A 10X. Dilutions show consistency with sample results. Due to matrix being in a canister, it is difficult to see any signs of problems. All sets of data submitted.

Performed By: Derek Areson

Completion Date: 28-Apr-26

Client Notification

Client Notification Required: No

Notified By:

Comment: Matrix interference

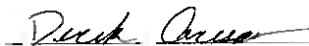
Quality Assurance Review

Nonconformance Type: Deficiency

Further Action required by QA: No corrective action taken at this time. All results submitted.

Approval and Closure

Technical Director /
Deputy Tech. Dir.:



Derek Areson

Close Date: 04-May-26

QA Officer Approval:



Russell Pellegrino

QA Date: 27-Apr-26

Last Updated BY: Derek Areson

Updated: 06-May-2026 3:09 PM

Reported: 07-May-2026 4:14 PM



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-001

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler Nicholas
Coulombe

Lab Vacuum In -6 "Hg

Lab Vacuum Out -30 "Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 12:35:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 12:35:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 12:35:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 12:35:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 12:35:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 12:35:00 PM
1,2,4-Trimethylbenzene	0.15	0.15	ppbV	0.74	0.74		1	4/27/2026 12:35:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 12:35:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 12:35:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 12:35:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 12:35:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 12:35:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 12:35:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 12:35:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 12:35:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 12:35:00 PM
2,2,4-trimethylpentane	1.6	0.15	ppbV	7.7	0.7		1	4/27/2026 12:35:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 12:35:00 PM
Acetone	15	3.0	ppbV	36	7.1		10	4/27/2026 9:40:00 PM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 12:35:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-001

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Benzene	0.19	0.15	ppbV	0.61	0.48		1	4/27/2026 12:35:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 12:35:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 12:35:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 12:35:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 12:35:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 12:35:00 PM
Carbon tetrachloride	0.070	0.030	ppbV	0.44	0.19		1	4/27/2026 12:35:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 12:35:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 12:35:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73	U	1	4/27/2026 12:35:00 PM
Chloromethane	0.61	0.15	ppbV	1.3	0.31		1	4/27/2026 12:35:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 12:35:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 12:35:00 PM
Cyclohexane	0.23	0.15	ppbV	0.79	0.52		1	4/27/2026 12:35:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 12:35:00 PM
Ethyl acetate	0.14	0.15	ppbV	0.5	0.54	J	1	4/27/2026 12:35:00 PM
Ethylbenzene	0.11	0.15	ppbV	0.48	0.65	J	1	4/27/2026 12:35:00 PM
Freon 11	0.22	0.15	ppbV	1.2	0.84		1	4/27/2026 12:35:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 12:35:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 12:35:00 PM
Freon 12	0.47	0.15	ppbV	2.3	0.74		1	4/27/2026 12:35:00 PM
Heptane	0.28	0.15	ppbV	1.1	0.61		1	4/27/2026 12:35:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 12:35:00 PM
Hexane	0.37	0.15	ppbV	1.3	0.53		1	4/27/2026 12:35:00 PM
Isopropyl alcohol	1.8	0.15	ppbV	4.3	0.37		1	4/27/2026 12:35:00 PM
m&p-Xylene	0.32	0.30	ppbV	1.4	1.3		1	4/27/2026 12:35:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 12:35:00 PM
Methyl Ethyl Ketone	0.52	0.30	ppbV	1.5	0.88		1	4/27/2026 12:35:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-001

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 12:35:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 12:35:00 PM
Methylene chloride	0.59	0.15	ppbV	2	0.52		1	4/27/2026 12:35:00 PM
o-Xylene	0.13	0.15	ppbV	0.56	0.65	J	1	4/27/2026 12:35:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 12:35:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64	U	1	4/27/2026 12:35:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 12:35:00 PM
Tetrahydrofuran	0.93	0.15	ppbV	2.7	0.44		1	4/27/2026 12:35:00 PM
Toluene	1.8	0.15	ppbV	6.6	0.57		1	4/27/2026 12:35:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 12:35:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 12:35:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16	U	1	4/27/2026 12:35:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 12:35:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 12:35:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1	U	1	4/27/2026 12:35:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 12:35:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-002

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

Field Sampler Nicholas
Coulombe

Lab Vacuum In -7 "Hg

Lab Vacuum Out -30 "Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 BY METHOD TO15

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 6:37:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 6:37:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 6:37:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 6:37:00 PM
1,1-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 6:37:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 6:37:00 PM
1,2,4-Trimethylbenzene	1.3	0.15	ppbV	6.2	0.74		1	4/27/2026 6:37:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 6:37:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 6:37:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 6:37:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 6:37:00 PM
1,3,5-Trimethylbenzene	0.23	0.15	ppbV	1.1	0.74		1	4/27/2026 6:37:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 6:37:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 6:37:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 6:37:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 6:37:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7	U	1	4/27/2026 6:37:00 PM
4-ethyltoluene	0.29	0.15	ppbV	1.4	0.74		1	4/27/2026 6:37:00 PM
Acetone	17	3.0	ppbV	41	7.1		10	4/28/2026 3:52:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 6:37:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

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Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-002

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15		Analyst: DA		
Benzene	0.62	0.15	ppbV	2	0.48		1	4/27/2026 6:37:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 6:37:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 6:37:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 6:37:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 6:37:00 PM
Carbon disulfide	3.9	1.5	ppbV	12	4.7		10	4/28/2026 3:52:00 AM
Carbon tetrachloride	< 0.15	0.15	ppbV	<0.94	0.94	U	1	4/27/2026 6:37:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 6:37:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 6:37:00 PM
Chloroform	4.3	1.5	ppbV	21	7.3		10	4/28/2026 3:52:00 AM
Chloromethane	0.11	0.15	ppbV	0.23	0.31	J	1	4/27/2026 6:37:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 6:37:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 6:37:00 PM
Cyclohexane	0.66	0.15	ppbV	2.3	0.52		1	4/27/2026 6:37:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 6:37:00 PM
Ethyl acetate	0.59	0.15	ppbV	2.1	0.54		1	4/27/2026 6:37:00 PM
Ethylbenzene	0.45	0.15	ppbV	2	0.65		1	4/27/2026 6:37:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 6:37:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 6:37:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 6:37:00 PM
Freon 12	0.53	0.15	ppbV	2.6	0.74		1	4/27/2026 6:37:00 PM
Heptane	1.0	0.15	ppbV	4.3	0.61		1	4/27/2026 6:37:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 6:37:00 PM
Hexane	1.8	0.15	ppbV	6.2	0.53		1	4/27/2026 6:37:00 PM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37	U	1	4/27/2026 6:37:00 PM
m&p-Xylene	1.5	0.30	ppbV	6.6	1.3		1	4/27/2026 6:37:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 6:37:00 PM
Methyl Ethyl Ketone	1.8	3.0	ppbV	5.3	8.8	J	10	4/28/2026 3:52:00 AM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-209

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-002

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.11	0.30	ppbV	0.45	1.2	J	1	4/27/2026 6:37:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 6:37:00 PM
Methylene chloride	5.4	1.5	ppbV	19	5.2		10	4/28/2026 3:52:00 AM
o-Xylene	0.47	0.15	ppbV	2	0.65		1	4/27/2026 6:37:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 6:37:00 PM
Styrene	0.78	0.15	ppbV	3.3	0.64		1	4/27/2026 6:37:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 6:37:00 PM
Tetrahydrofuran	0.61	0.15	ppbV	1.8	0.44		1	4/27/2026 6:37:00 PM
Toluene	1.7	0.15	ppbV	6.5	0.57		1	4/27/2026 6:37:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 6:37:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 6:37:00 PM
Trichloroethene	0.10	0.15	ppbV	0.54	0.81	J	1	4/27/2026 6:37:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 6:37:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 6:37:00 PM
Vinyl chloride	< 0.15	0.15	ppbV	<0.38	0.38	U	1	4/27/2026 6:37:00 PM
Surr: Bromofluorobenzene	92.0	70-130	%Rec				1	4/27/2026 6:37:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431 9730
Website: www. CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-003

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler Nicholas
Coulombe

Lab Vacuum In -11 "Hg

Lab Vacuum Out -30 "Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 1:29:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 1:29:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 1:29:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 1:29:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 1:29:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 1:29:00 PM
1,2,4-Trimethylbenzene	0.18	0.15	ppbV	0.88	0.74		1	4/27/2026 1:29:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 1:29:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 1:29:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 1:29:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 1:29:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 1:29:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 1:29:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 1:29:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 1:29:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 1:29:00 PM
2,2,4-trimethylpentane	2.0	1.5	ppbV	9.3	7		10	4/27/2026 10:22:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 1:29:00 PM
Acetone	11	3.0	ppbV	26	7.1		10	4/27/2026 10:22:00 PM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 1:29:00 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO# 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-003

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Benzene	0.24	0.15	ppbV	0.77	0.48		1	4/27/2026 1:29:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 1:29:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 1:29:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 1:29:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 1:29:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 1:29:00 PM
Carbon tetrachloride	0.080	0.030	ppbV	0.5	0.19		1	4/27/2026 1:29:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 1:29:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 1:29:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73	U	1	4/27/2026 1:29:00 PM
Chloromethane	0.46	0.15	ppbV	0.95	0.31		1	4/27/2026 1:29:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 1:29:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 1:29:00 PM
Cyclohexane	0.15	0.15	ppbV	0.52	0.52		1	4/27/2026 1:29:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 1:29:00 PM
Ethyl acetate	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 1:29:00 PM
Ethylbenzene	0.14	0.15	ppbV	0.61	0.65	J	1	4/27/2026 1:29:00 PM
Freon 11	0.20	0.15	ppbV	1.1	0.84		1	4/27/2026 1:29:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 1:29:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 1:29:00 PM
Freon 12	0.48	0.15	ppbV	2.4	0.74		1	4/27/2026 1:29:00 PM
Heptane	0.27	0.15	ppbV	1.1	0.61		1	4/27/2026 1:29:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 1:29:00 PM
Hexane	0.46	0.15	ppbV	1.6	0.53		1	4/27/2026 1:29:00 PM
Isopropyl alcohol	2.2	1.5	ppbV	5.4	3.7		10	4/27/2026 10:22:00 PM
m&p-Xylene	0.41	0.30	ppbV	1.8	1.3		1	4/27/2026 1:29:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 1:29:00 PM
Methyl Ethyl Ketone	0.50	0.30	ppbV	1.5	0.88		1	4/27/2026 1:29:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-003

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 1:29:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 1:29:00 PM
Methylene chloride	1.6	0.15	ppbV	5.5	0.52		1	4/27/2026 1:29:00 PM
o-Xylene	0.16	0.15	ppbV	0.69	0.65		1	4/27/2026 1:29:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 1:29:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64	U	1	4/27/2026 1:29:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 1:29:00 PM
Tetrahydrofuran	0.92	0.15	ppbV	2.7	0.44		1	4/27/2026 1:29:00 PM
Toluene	1.3	0.15	ppbV	4.9	0.57		1	4/27/2026 1:29:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 1:29:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 1:29:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16	U	1	4/27/2026 1:29:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 1:29:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 1:29:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1	U	1	4/27/2026 1:29:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 1:29:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-004

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler	Nicholas Coulombe		
Lab Vacuum In	-9	"Hg	
Lab Vacuum Out	-30	"Hg	

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 BY METHOD TO15

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 7:26:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 7:26:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 7:26:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 7:26:00 PM
1,1-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 7:26:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 7:26:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 7:26:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 7:26:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 7:26:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 7:26:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 7:26:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 7:26:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 7:26:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 7:26:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 7:26:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 7:26:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7	U	1	4/27/2026 7:26:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 7:26:00 PM
Acetone	17	3.0	ppbV	41	7.1		10	4/28/2026 4:34:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 7:26:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



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Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-004

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Benzene	0.81	0.15	ppbV	2.6	0.48		1	4/27/2026 7:26:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 7:26:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 7:26:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 7:26:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 7:26:00 PM
Carbon disulfide	0.96	0.15	ppbV	3	0.47		1	4/27/2026 7:26:00 PM
Carbon tetrachloride	< 0.15	0.15	ppbV	<0.94	0.94	U	1	4/27/2026 7:26:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 7:26:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 7:26:00 PM
Chloroform	2.3	1.5	ppbV	11	7.3		10	4/28/2026 4:34:00 AM
Chloromethane	< 0.15	0.15	ppbV	<0.31	0.31	U	1	4/27/2026 7:26:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 7:26:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 7:26:00 PM
Cyclohexane	1.1	0.15	ppbV	3.7	0.52		1	4/27/2026 7:26:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 7:26:00 PM
Ethyl acetate	0.89	0.15	ppbV	3.2	0.54		1	4/27/2026 7:26:00 PM
Ethylbenzene	0.13	0.15	ppbV	0.56	0.65	J	1	4/27/2026 7:26:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 7:26:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 7:26:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 7:26:00 PM
Freon 12	0.58	0.15	ppbV	2.9	0.74		1	4/27/2026 7:26:00 PM
Heptane	1.6	1.5	ppbV	6.6	6.1		10	4/28/2026 4:34:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 7:26:00 PM
Hexane	2.6	1.5	ppbV	9.2	5.3		10	4/28/2026 4:34:00 AM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37	U	1	4/27/2026 7:26:00 PM
m&p-Xylene	0.29	0.30	ppbV	1.3	1.3	J	1	4/27/2026 7:26:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 7:26:00 PM
Methyl Ethyl Ketone	1.5	0.30	ppbV	4.5	0.88		1	4/27/2026 7:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-210

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-004

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.16	0.30	ppbV	0.66	1.2	J	1	4/27/2026 7:26:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 7:26:00 PM
Methylene chloride	6.9	1.5	ppbV	24	5.2		10	4/28/2026 4:34:00 AM
o-Xylene	< 0.15	0.15	ppbV	<0.65	0.65	U	1	4/27/2026 7:26:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 7:26:00 PM
Styrene	0.18	0.15	ppbV	0.77	0.64		1	4/27/2026 7:26:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 7:26:00 PM
Tetrahydrofuran	< 0.15	0.15	ppbV	<0.44	0.44	U	1	4/27/2026 7:26:00 PM
Toluene	0.35	0.15	ppbV	1.3	0.57		1	4/27/2026 7:26:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 7:26:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 7:26:00 PM
Trichloroethene	0.28	0.15	ppbV	1.5	0.81		1	4/27/2026 7:26:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 7:26:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 7:26:00 PM
Vinyl chloride	< 0.15	0.15	ppbV	<0.38	0.38	U	1	4/27/2026 7:26:00 PM
Surr: Bromofluorobenzene	96.0	70-130	%Rec				1	4/27/2026 7:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-005

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-12

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 2:13:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 2:13:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 2:13:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 2:13:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 2:13:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 2:13:00 PM
1,2,4-Trimethylbenzene	0.17	0.15	ppbV	0.84	0.74		1	4/27/2026 2:13:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 2:13:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 2:13:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 2:13:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 2:13:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 2:13:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 2:13:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 2:13:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 2:13:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 2:13:00 PM
2,2,4-trimethylpentane	2.7	1.5	ppbV	13	7		10	4/27/2026 11:04:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 2:13:00 PM
Acetone	6.9	3.0	ppbV	16	7.1		10	4/27/2026 11:04:00 PM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 2:13:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contract
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
374 Wickery Road
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - B.DG - 2

Collection Date: 4/23/2026

Lab ID: 2604045-005

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Benzene	0.24	0.15	ppbV	0.77	0.48		1	4/27/2026 2:13:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 2:13:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 2:13:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 2:13:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 2:13:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 2:13:00 PM
Carbon tetrachloride	0.070	0.030	ppbV	0.44	0.19		1	4/27/2026 2:13:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 2:13:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 2:13:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73	U	1	4/27/2026 2:13:00 PM
Chloromethane	0.57	0.15	ppbV	1.2	0.31		1	4/27/2026 2:13:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 2:13:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 2:13:00 PM
Cyclohexane	0.16	0.15	ppbV	0.55	0.52		1	4/27/2026 2:13:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 2:13:00 PM
Ethyl acetate	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 2:13:00 PM
Ethylbenzene	0.17	0.15	ppbV	0.74	0.65		1	4/27/2026 2:13:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 2:13:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 2:13:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 2:13:00 PM
Freon 12	0.48	0.15	ppbV	2.4	0.74		1	4/27/2026 2:13:00 PM
Heptane	0.31	0.15	ppbV	1.3	0.61		1	4/27/2026 2:13:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 2:13:00 PM
Hexane	0.58	0.15	ppbV	2	0.53		1	4/27/2026 2:13:00 PM
Isopropyl alcohol	3.2	1.5	ppbV	7.9	3.7		10	4/27/2026 11:04:00 PM
m&p-Xylene	0.48	0.30	ppbV	2.1	1.3		1	4/27/2026 2:13:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 2:13:00 PM
Methyl Ethyl Ketone	0.45	0.30	ppbV	1.3	0.88		1	4/27/2026 2:13:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal > MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside agreed recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/22/2026

Lab ID: 2604045-005

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 2:13:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 2:13:00 PM
Methylene chloride	0.36	0.15	ppbV	1.3	0.52		1	4/27/2026 2:13:00 PM
o-Xylene	0.17	0.15	ppbV	0.74	0.65		1	4/27/2026 2:13:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 2:13:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64	U	1	4/27/2026 2:13:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 2:13:00 PM
Tetrahydrofuran	1.1	0.15	ppbV	3.2	0.44		1	4/27/2026 2:13:00 PM
Toluene	1.3	0.15	ppbV	4.9	0.57		1	4/27/2026 2:13:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 2:13:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 2:13:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16	U	1	4/27/2026 2:13:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 2:13:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 2:13:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1	U	1	4/27/2026 2:13:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 2:13:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
S C Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
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Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-006

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler	Nicholas Coulombe		
Lab Vacuum In	-9	"Hg	
Lab Vacuum Out	-30	"Hg	

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 BY METHOD TO15

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 8:14:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 8:14:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 8:14:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 8:14:00 PM
1,1-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 8:14:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 8:14:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 8:14:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 8:14:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 8:14:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 8:14:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 8:14:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 8:14:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 8:14:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 8:14:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 8:14:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 8:14:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7	U	1	4/27/2026 8:14:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 8:14:00 PM
Acetone	73	12	ppbV	170	29		40	4/28/2026 7:59:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 8:14:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-006

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Benzene	0.65	0.15	ppbV	2.1	0.48		1	4/27/2026 8:14:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 8:14:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 8:14:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 8:14:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 8:14:00 PM
Carbon disulfide	2.9	1.5	ppbV	9	4.7		10	4/28/2026 5:16:00 AM
Carbon tetrachloride	< 0.15	0.15	ppbV	<0.94	0.94	U	1	4/27/2026 8:14:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 8:14:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 8:14:00 PM
Chloroform	2.1	1.5	ppbV	10	7.3		10	4/28/2026 5:16:00 AM
Chloromethane	0.17	0.15	ppbV	0.35	0.31		1	4/27/2026 8:14:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 8:14:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 8:14:00 PM
Cyclohexane	1.0	0.15	ppbV	3.5	0.52		1	4/27/2026 8:14:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 8:14:00 PM
Ethyl acetate	1.2	0.15	ppbV	4.3	0.54		1	4/27/2026 8:14:00 PM
Ethylbenzene	0.19	0.15	ppbV	0.83	0.65		1	4/27/2026 8:14:00 PM
Freon 11	0.17	0.15	ppbV	0.96	0.84		1	4/27/2026 8:14:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 8:14:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 8:14:00 PM
Freon 12	1.7	0.15	ppbV	8.4	0.74		1	4/27/2026 8:14:00 PM
Heptane	1.2	0.15	ppbV	4.8	0.61		1	4/27/2026 8:14:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 8:14:00 PM
Hexane	2.2	1.5	ppbV	7.8	5.3		10	4/28/2026 5:16:00 AM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37	U	1	4/27/2026 8:14:00 PM
m&p-Xylene	0.40	0.30	ppbV	1.7	1.3		1	4/27/2026 8:14:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 8:14:00 PM
Methyl Ethyl Ketone	3.4	3.0	ppbV	10	8.8		10	4/28/2026 5:16:00 AM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: SSV-211

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-006

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.10	0.30	ppbV	0.41	1.2	J	1	4/27/2026 8:14:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 8:14:00 PM
Methylene chloride	8.8	1.5	ppbV	31	5.2		10	4/28/2026 5:16:00 AM
o-Xylene	< 0.15	0.15	ppbV	<0.65	0.65	U	1	4/27/2026 8:14:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 8:14:00 PM
Styrene	0.35	0.15	ppbV	1.5	0.64		1	4/27/2026 8:14:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 8:14:00 PM
Tetrahydrofuran	< 0.15	0.15	ppbV	<0.44	0.44	U	1	4/27/2026 8:14:00 PM
Toluene	0.30	0.15	ppbV	1.1	0.57		1	4/27/2026 8:14:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 8:14:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 8:14:00 PM
Trichloroethene	1.7	0.15	ppbV	9	0.81		1	4/27/2026 8:14:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 8:14:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 8:14:00 PM
Vinyl chloride	< 0.15	0.15	ppbV	<0.38	0.38	U	1	4/27/2026 8:14:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 8:14:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-212

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-007

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-6

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 2:57:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 2:57:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 2:57:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 2:57:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 2:57:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 2:57:00 PM
1,2,4-Trimethylbenzene	1.9	1.5	ppbV	9.3	7.4		10	4/27/2026 11:45:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 2:57:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 2:57:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 2:57:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 2:57:00 PM
1,3,5-Trimethylbenzene	0.47	0.15	ppbV	2.3	0.74		1	4/27/2026 2:57:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 2:57:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 2:57:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 2:57:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 2:57:00 PM
2,2,4-trimethylpentane	2.9	1.5	ppbV	14	7		10	4/27/2026 11:45:00 PM
4-ethyltoluene	0.56	0.15	ppbV	2.8	0.74		1	4/27/2026 2:57:00 PM
Acetone	35	6.0	ppbV	82	14		20	4/28/2026 12:26:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 2:57:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: 1A-212

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-007

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Benzene	0.73	0.15	ppbV	2.3	0.48		1	4/27/2026 2:57:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 2:57:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 2:57:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 2:57:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 2:57:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 2:57:00 PM
Carbon tetrachloride	0.080	0.030	ppbV	0.5	0.19		1	4/27/2026 2:57:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 2:57:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 2:57:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73	U	1	4/27/2026 2:57:00 PM
Chloromethane	0.42	0.15	ppbV	0.87	0.31		1	4/27/2026 2:57:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 2:57:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 2:57:00 PM
Cyclohexane	0.45	0.15	ppbV	1.5	0.52		1	4/27/2026 2:57:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 2:57:00 PM
Ethyl acetate	0.23	0.15	ppbV	0.83	0.54		1	4/27/2026 2:57:00 PM
Ethylbenzene	1.4	0.15	ppbV	5.9	0.65		1	4/27/2026 2:57:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 2:57:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 2:57:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 2:57:00 PM
Freon 12	0.48	0.15	ppbV	2.4	0.74		1	4/27/2026 2:57:00 PM
Heptane	1.7	0.15	ppbV	7	0.61		1	4/27/2026 2:57:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 2:57:00 PM
Hexane	0.89	0.15	ppbV	3.1	0.53		1	4/27/2026 2:57:00 PM
Isopropyl alcohol	4.2	1.5	ppbV	10	3.7		10	4/27/2026 11:45:00 PM
m&p-Xylene	3.9	3.0	ppbV	17	13		10	4/27/2026 11:45:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 2:57:00 PM
Methyl Ethyl Ketone	2.1	3.0	ppbV	6.2	8.8	J	10	4/27/2026 11:45:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: IA-212

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23 2026

Lab ID: 2604045-007

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.25	0.30	ppbV	1	1.2	J	1	4/27/2026 2:57:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 2:57:00 PM
Methylene chloride	0.52	0.15	ppbV	1.8	0.52		1	4/27/2026 2:57:00 PM
o-Xylene	1.2	0.15	ppbV	5.2	0.65		1	4/27/2026 2:57:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 2:57:00 PM
Styrene	1.7	0.15	ppbV	7.3	0.64		1	4/27/2026 2:57:00 PM
Tetrachloroethylene	0.13	0.15	ppbV	0.88	1	J	1	4/27/2026 2:57:00 PM
Tetrahydrofuran	4.0	1.5	ppbV	12	4.4		10	4/27/2026 11:45:00 PM
Toluene	11	1.5	ppbV	40	5.7		10	4/27/2026 11:45:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 2:57:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 2:57:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16	U	1	4/27/2026 2:57:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 2:57:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 2:57:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1	U	1	4/27/2026 2:57:00 PM
Surf. Bromofluorobenzene	101	70-130	%Rec				1	4/27/2026 2:57:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Wickery Road
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Website: www.SanAirTechLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: OA-203

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2 604045-008

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler Nicholas
Coulombe

Lab Vacuum In -7 "Hg

Lab Vacuum Out -30 "Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 3:42:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 3:42:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 3:42:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 3:42:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 3:42:00 PM
1,2,4-Tri chlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 3:42:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 3:42:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 3:42:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 3:42:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 3:42:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 3:42:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 3:42:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 3:42:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 3:42:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 3:42:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 3:42:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7	U	1	4/27/2026 3:42:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 3:42:00 PM
Acetone	6.3	3.0	ppbV	15	7.1		10	4/28/2026 1:07:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 3:42:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with Calculated MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: OA-203

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-008

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Benzene	< 0.15	0.15	ppbV	<0.48	0.48	U	1	4/27/2026 3:42:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 3:42:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 3:42:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 3:42:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 3:42:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 3:42:00 PM
Carbon tetrachloride	0.080	0.030	ppbV	0.5	0.19		1	4/27/2026 3:42:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 3:42:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 3:42:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73	U	1	4/27/2026 3:42:00 PM
Chloromethane	0.42	0.15	ppbV	0.87	0.31		1	4/27/2026 3:42:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 3:42:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 3:42:00 PM
Cyclohexane	< 0.15	0.15	ppbV	<0.52	0.52	U	1	4/27/2026 3:42:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 3:42:00 PM
Ethyl acetate	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 3:42:00 PM
Ethylbenzene	< 0.15	0.15	ppbV	<0.65	0.65	U	1	4/27/2026 3:42:00 PM
Freon 11	0.20	0.15	ppbV	1.1	0.84		1	4/27/2026 3:42:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 3:42:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 3:42:00 PM
Freon 12	0.47	0.15	ppbV	2.3	0.74		1	4/27/2026 3:42:00 PM
Heptane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 3:42:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 3:42:00 PM
Hexane	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 3:42:00 PM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37	U	1	4/27/2026 3:42:00 PM
m&p-Xylene	< 0.30	0.30	ppbV	<1.3	1.3	U	1	4/27/2026 3:42:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 3:42:00 PM
Methyl Ethyl Ketone	0.15	0.30	ppbV	0.44	0.88	J	1	4/27/2026 3:42:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: OA-203

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-008

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 3:42:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 3:42:00 PM
Methylene chloride	0.36	0.15	ppbV	1.3	0.52		1	4/27/2026 3:42:00 PM
o-Xylene	< 0.15	0.15	ppbV	<0.65	0.65	U	1	4/27/2026 3:42:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 3:42:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64	U	1	4/27/2026 3:42:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 3:42:00 PM
Tetrahydrofuran	< 0.15	0.15	ppbV	<0.44	0.44	U	1	4/27/2026 3:42:00 PM
Toluene	0.11	0.15	ppbV	0.41	0.57	J	1	4/27/2026 3:42:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 3:42:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 3:42:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16	U	1	4/27/2026 3:42:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 3:42:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 3:42:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1	U	1	4/27/2026 3:42:00 PM
Surr: Bromofluorobenzene	95.0	70-130	%Rec				1	4/27/2026 3:42:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
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TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO# 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-01-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-009

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

FieldSampler

Nicholas
Coulombe

Lab Vacuum In

-6

"Hg

Lab Vacuum Out

-30

"Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 4:26:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 4:26:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 4:26:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 4:26:00 PM
1,1-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 4:26:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 4:26:00 PM
1,2,4-Trimethylbenzene	0.14	0.15	ppbV	0.69	0.74	J	1	4/27/2026 4:26:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 4:26:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 4:26:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 4:26:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 4:26:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 4:26:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 4:26:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 4:26:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 4:26:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 4:26:00 PM
2,2,4-trimethylpentane	1.7	0.15	ppbV	7.8	0.7		1	4/27/2026 4:26:00 PM
4-ethyltoluene	< 0.15	0.15	ppbV	<0.74	0.74	U	1	4/27/2026 4:26:00 PM
Acetone	15	3.0	ppbV	36	7.1		10	4/28/2026 1:49:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 4:26:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO . 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-01-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-009

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Benzene	0.18	0.15	ppbV	0.58	0.48		1	4/27/2026 4:26:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 4:26:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 4:26:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 4:26:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 4:26:00 PM
Carbon disulfide	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 4:26:00 PM
Carbon tetrachloride	0.070	0.030	ppbV	0.44	0.19		1	4/27/2026 4:26:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 4:26:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 4:26:00 PM
Chloroform	< 0.15	0.15	ppbV	<0.73	0.73	U	1	4/27/2026 4:26:00 PM
Chloromethane	0.63	0.15	ppbV	1.3	0.31		1	4/27/2026 4:26:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040	ppbV	<0.16	0.16	U	1	4/27/2026 4:26:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 4:26:00 PM
Cyclohexane	0.18	0.15	ppbV	0.62	0.52		1	4/27/2026 4:26:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 4:26:00 PM
Ethyl acetate	0.15	0.15	ppbV	0.54	0.54		1	4/27/2026 4:26:00 PM
Ethylbenzene	0.11	0.15	ppbV	0.48	0.65	J	1	4/27/2026 4:26:00 PM
Freon 11	0.21	0.15	ppbV	1.2	0.84		1	4/27/2026 4:26:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 4:26:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 4:26:00 PM
Freon 12	0.47	0.15	ppbV	2.3	0.74		1	4/27/2026 4:26:00 PM
Heptane	0.29	0.15	ppbV	1.2	0.61		1	4/27/2026 4:26:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 4:26:00 PM
Hexane	0.38	0.15	ppbV	1.3	0.53		1	4/27/2026 4:26:00 PM
Isopropyl alcohol	1.8	0.15	ppbV	4.5	0.37		1	4/27/2026 4:26:00 PM
m&p-Xylene	0.31	0.30	ppbV	1.3	1.3		1	4/27/2026 4:26:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 4:26:00 PM
Methyl Ethyl Ketone	0.51	0.30	ppbV	1.5	0.88		1	4/27/2026 4:26:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-01-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-009

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 W/ 0 2UG/M3 CT-TCE-VC-DCE-1,1DCE				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 4:26:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 4:26:00 PM
Methylene chloride	0.38	0.15	ppbV	1.3	0.52		1	4/27/2026 4:26:00 PM
o-Xylene	0.13	0.15	ppbV	0.56	0.65	J	1	4/27/2026 4:26:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 4:26:00 PM
Styrene	< 0.15	0.15	ppbV	<0.64	0.64	U	1	4/27/2026 4:26:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 4:26:00 PM
Tetrahydrofuran	0.99	0.15	ppbV	2.9	0.44		1	4/27/2026 4:26:00 PM
Toluene	1.8	0.15	ppbV	6.7	0.57		1	4/27/2026 4:26:00 PM
trans-1,2- Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 4:26:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 4:26:00 PM
Trichloroethene	< 0.030	0.030	ppbV	<0.16	0.16	U	1	4/27/2026 4:26:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 4:26:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 4:26:00 PM
Vinyl chloride	< 0.040	0.040	ppbV	<0.1	0.1	U	1	4/27/2026 4:26:00 PM
Surr: Bromofluorobenzene	97.0	70-130	%Rec				1	4/27/2026 4:26:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO# 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-02-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-010

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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FIELD PARAMETERS

FLD

Analyst:

Field Sampler: Nicholas Coulombe

Lab Vacuum In: -8 "Hg

Lab Vacuum Out: -30 "Hg

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
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1UG/M3 BY METHOD TO15

TO-15

Analyst: DA

1,1,1-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 8:59:00 PM
1,1,1,2,2-Tetrachloroethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 8:59:00 PM
1,1,2-Trichloroethane	< 0.15	0.15	ppbV	<0.82	0.82	U	1	4/27/2026 8:59:00 PM
1,1-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 8:59:00 PM
1,1-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 8:59:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 8:59:00 PM
1,2,4-Trimethylbenzene	6.7	0.15	ppbV	6.7	0.74		1	4/27/2026 8:59:00 PM
1,2-Dibromoethane	< 0.15	0.15	ppbV	<1.2	1.2	U	1	4/27/2026 8:59:00 PM
1,2-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 8:59:00 PM
1,2-Dichloroethane	< 0.15	0.15	ppbV	<0.61	0.61	U	1	4/27/2026 8:59:00 PM
1,2-Dichloropropane	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 8:59:00 PM
1,3,5-Trimethylbenzene	0.23	0.15	ppbV	1.1	0.74		1	4/27/2026 8:59:00 PM
1,3-butadiene	< 0.15	0.15	ppbV	<0.33	0.33	U	1	4/27/2026 8:59:00 PM
1,3-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 8:59:00 PM
1,4-Dichlorobenzene	< 0.15	0.15	ppbV	<0.9	0.9	U	1	4/27/2026 8:59:00 PM
1,4-Dioxane	< 0.30	0.30	ppbV	<1.1	1.1	U	1	4/27/2026 8:59:00 PM
2,2,4-trimethylpentane	< 0.15	0.15	ppbV	<0.7	0.7	U	1	4/27/2026 8:59:00 PM
4-ethyltoluene	0.33	0.15	ppbV	1.6	0.74		1	4/27/2026 8:59:00 PM
Acetone	18	3.0	ppbV	43	7.1		10	4/28/2026 5:57:00 AM
Allyl chloride	< 0.15	0.15	ppbV	<0.47	0.47	U	1	4/27/2026 8:59:00 PM

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
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Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#, 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP 02-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-010

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Benzene	0.61	0.15	ppbV	1.9	0.48		1	4/27/2026 8:59:00 PM
Benzyl chloride	< 0.15	0.15	ppbV	<0.86	0.86	U	1	4/27/2026 8:59:00 PM
Bromodichloromethane	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 8:59:00 PM
Bromoform	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 8:59:00 PM
Bromomethane	< 0.15	0.15	ppbV	<0.58	0.58	U	1	4/27/2026 8:59:00 PM
Carbon disulfide	3.9	1.5	ppbV	12	4.7		10	4/28/2026 5:57:00 AM
Carbon tetrachloride	< 0.15	0.15	ppbV	<0.94	0.94	U	1	4/27/2026 8:59:00 PM
Chlorobenzene	< 0.15	0.15	ppbV	<0.69	0.69	U	1	4/27/2026 8:59:00 PM
Chloroethane	< 0.15	0.15	ppbV	<0.4	0.4	U	1	4/27/2026 8:59:00 PM
Chloroform	4.3	1.5	ppbV	21	7.3		10	4/28/2026 5:57:00 AM
Chloromethane	0.10	0.15	ppbV	0.21	0.31	J	1	4/27/2026 8:59:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 8:59:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 8:59:00 PM
Cyclohexane	0.71	0.15	ppbV	2.4	0.52		1	4/27/2026 8:59:00 PM
Dibromochloromethane	< 0.15	0.15	ppbV	<1.3	1.3	U	1	4/27/2026 8:59:00 PM
Ethyl acetate	0.64	0.15	ppbV	2.3	0.54		1	4/27/2026 8:59:00 PM
Ethylbenzene	0.46	0.15	ppbV	2	0.65		1	4/27/2026 8:59:00 PM
Freon 11	0.20	0.15	ppbV	1.1	0.84		1	4/27/2026 8:59:00 PM
Freon 113	< 0.15	0.15	ppbV	<1.1	1.1	U	1	4/27/2026 8:59:00 PM
Freon 114	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 8:59:00 PM
Freon 12	0.50	0.15	ppbV	2.5	0.74		1	4/27/2026 8:59:00 PM
Heptane	1.1	0.15	ppbV	4.3	0.61		1	4/27/2026 8:59:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15	ppbV	<1.6	1.6	U	1	4/27/2026 8:59:00 PM
Hexane	1.9	0.15	ppbV	6.7	0.53		1	4/27/2026 8:59:00 PM
Isopropyl alcohol	< 0.15	0.15	ppbV	<0.37	0.37	U	1	4/27/2026 8:59:00 PM
m&p-Xylene	1.5	0.30	ppbV	6.7	1.3		1	4/27/2026 8:59:00 PM
Methyl Butyl Ketone	< 0.30	0.30	ppbV	<1.2	1.2	U	1	4/27/2026 8:59:00 PM
Methyl Ethyl Ketone	1.9	3.0	ppbV	5.6	8.8	J	10	4/28/2026 5:57:00 AM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal > MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Analytical Report

(consolidated)

WO#: 2604045

Date Reported: 5/4/2026

CLIENT: C & S Engineers, Inc.

Client Sample ID: DUP-02-042426

Lab Order: 2604045

TagNo:

Project: Urban Villages - BLDG 2

Collection Date: 4/23/2026

Lab ID: 2604045-010

Matrix: AIR

Analyses	Result	RL	Units	Result (ug/M3)	RL (ug/M3)	Qual	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15			Analyst: DA	
Methyl Isobutyl Ketone	0.13	0.30	ppbV	0.53	1.2	J	1	4/27/2026 8:59:00 PM
Methyl tert-butyl ether	< 0.15	0.15	ppbV	<0.54	0.54	U	1	4/27/2026 8:59:00 PM
Methylene chloride	5.3	1.5	ppbV	18	5.2		10	4/28/2026 5:57:00 AM
o-Xylene	0.47	0.15	ppbV	2	0.65		1	4/27/2026 8:59:00 PM
Propylene	< 0.15	0.15	ppbV	<0.26	0.26	U	1	4/27/2026 8:59:00 PM
Styrene	0.87	0.15	ppbV	3.7	0.64		1	4/27/2026 8:59:00 PM
Tetrachloroethylene	< 0.15	0.15	ppbV	<1	1	U	1	4/27/2026 8:59:00 PM
Tetrahydrofuran	0.58	0.15	ppbV	1.7	0.44		1	4/27/2026 8:59:00 PM
Toluene	1.8	0.15	ppbV	6.6	0.57		1	4/27/2026 8:59:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15	ppbV	<0.59	0.59	U	1	4/27/2026 8:59:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15	ppbV	<0.68	0.68	U	1	4/27/2026 8:59:00 PM
Trichloroethene	0.10	0.15	ppbV	0.54	0.81	J	1	4/27/2026 8:59:00 PM
Vinyl acetate	< 0.15	0.15	ppbV	<0.53	0.53	U	1	4/27/2026 8:59:00 PM
Vinyl Bromide	< 0.15	0.15	ppbV	<0.66	0.66	U	1	4/27/2026 8:59:00 PM
Vinyl chloride	< 0.15	0.15	ppbV	<0.38	0.38	U	1	4/27/2026 8:59:00 PM
Surr: Bromofluorobenzene	92.0	70-130	%Rec				1	4/27/2026 8:59:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Limit
U Samples with CalcVal < MDL

E Value above quantitation range
N Tentatively identified compounds
R RPD outside accepted recovery limits
SC Sub-Contracted
J Analyte detected below quantitation limits

Revision v1

GC/MS QA-QC Check Report

Tune File : C:\MassHunter\GCMS\1\data\AX042701.D

Tune Time : 27 Apr 2026 08:29 am

Daily Calibration File : C:\MassHunter\GCMS\1\data\AX042702.D

		(BFB)	(IS1)	(IS2)	(IS3)
			38240	177188	146269
File	Sample	Surrogate Recovery %	Internal	Standard	Responses
=====					
AX042703.D					
	ALCS1UG-042726	108	39811	186409	154459

AX042704.D					
	ALCSD1UG-042726	111	38808	185112	154968

AX042705.D					
	AMB1UG-042726	70	37712	168371	122763

AX042706.D					
	2604045-001A	97	38441	183297	151384

AX042707.D					
	2604045-003A	97	38459	182254	143203

AX042708.D					
	2604045-005A	97	38844	182860	150544

AX042709.D					
	2604045-007A	101	37882	190930	174597

AX042710.D					
	2604045-008A	95	41572	188330	152527

AX042711.D					
	2604045-009A	97	40215	196633	159908

AX042714.D					
	2604045-002A	92	40252	195514	188236

AX042715.D					
	2604045-004A	96	40570	208211	195842

AX042716.D					
	2604045-006A	97	42663	216866	213023*

AX042717.D					
	2604045-010A	92	43456	224715	205019*

AX042718.D					
	2604045-001A 10X	84	42415	204962	146212

AX042719.D					
	2604045-003A 10X	78	41644	195642	133372

AX042720.D					
	2604045-005A 10X	77	41296	190569	145469

AX042721.D					
	2604045-007A 10X	85	39873	189486	157494

AX042722.D					
	2604045-007A 20X	83	40286	186462	160758

AX042723.D					
	2604045-008A 10X	81	40611	183844	142828



SanAir Technologies Laboratory
3247 Vickery Road
Syracuse, NY 13212
TEL: (315) 431-9730
Website: www.CentekLabs.us

Container Order Report

Container Order #: 1175

18-May-26

CLIENT: C & S Engineers, Inc.
Contact: Nick Coulombe
Contact Email: ncoulombe@cscos.com
Address: 499 Col. Eileen Collins Blvd.
Syracuse, NY, US, 13212
Phone: (315) 455-2000

Submitted By Riley Ort
Ship Date: 4/22/2026
VIA: Pick Up
Tracking No:
Due Date: 4/22/2026
Quote ID:
AcctCode: 4580

Qty	TestCode	TEST(s)	Bottle Code	Matrix	Remarks
4	1ugM3_TO15	1ug/M3 by Method TO15	MC1000CC	Air	
6	0.20_NYS	1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-	MC1000CC	Air	
1	HE_LT	Helium Leak Test	MC1000CC	Air	

Equipment Name	Equipment Type	Barcode #
6 L Suma Can - 832 VI - 0832	Canister1	832
6 L Suma Can - 837 VI - 0837	Canister1	837
6 L Suma Can - 841 VI - 0841	Canister1	841
6 L Suma Can - 856 VI - 0856	Canister1	856
6 L Suma Can-0329 VI - 1214	Canister1	1214
6 L Suma Can-4560 VI - 0750	Canister1	750
6 L Suma Can-6069 VI - 0735	Canister1	735
6 L Suma Can-6071 VI - 0743	Canister1	743
6 L Suma Can-6127 VI - 1215	Canister1	1215
6 L Suma Can-780 VI - 0741	Canister1	741
Helium Leak Detector-02 - 1680	Equipment	1680
Time-Set Reg - 3925 IAQ - 0655	FlowController	655
Time-Set Reg - 3934 IAQ - 0664	FlowController	664
Time-Set Reg - 3943 IAQ - 0673	FlowController	673
Time-Set Reg-1565 IAQ - 1391	FlowController	1391
Time-Set Reg-1567 IAQ - 1422	FlowController	1422
Time-Set Reg-2191 IAQ - 1448	FlowController	1448
Time-Set Reg-2199 IAQ - 1416	FlowController	1416
Time-Set Reg-2517 IAQ - 1419	FlowController	1419
Tracer Gas Dome-04 - 0501	Equipment	501

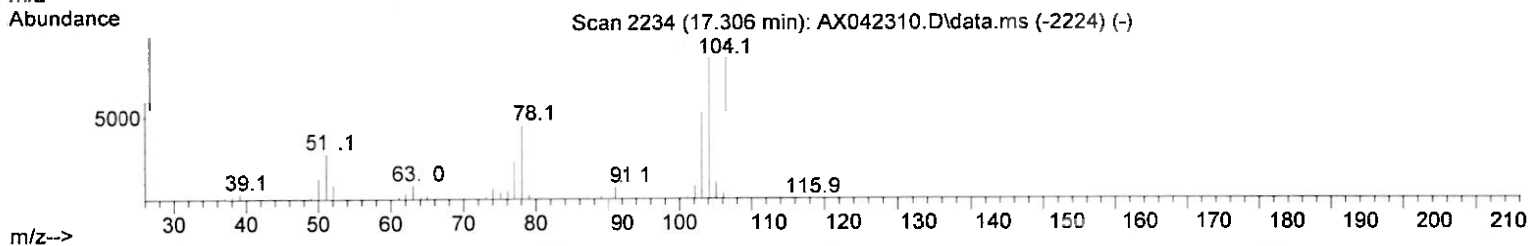
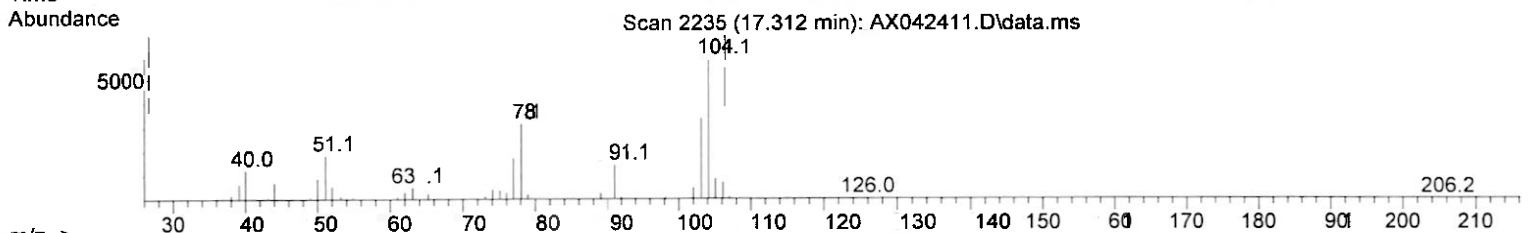
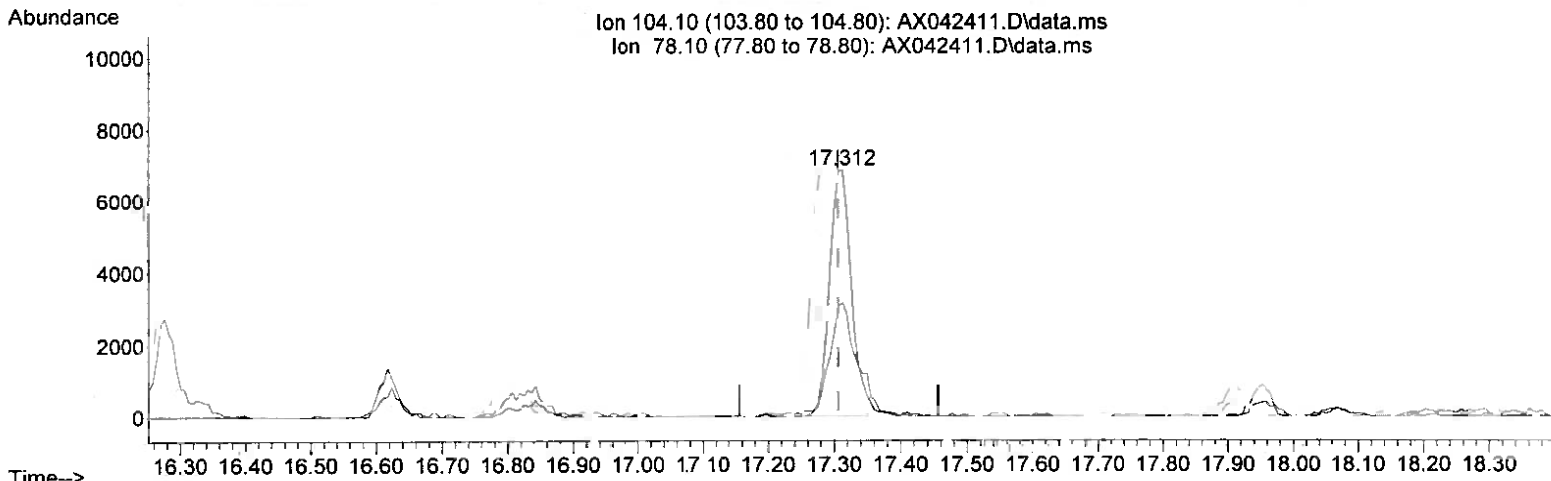
Comment 8 6L @ 24hr + 2 dupes w/ "T" + full helium set up + PICK UP in AFTERNOON

Site Name: Urban Villages
PR #: X82002002

Quantitation Report (Qedit)

Data Path : C:\MassHunter\GCMS\1\data2\4 2026APR\
 Data File : AX042411.D
 Acq On : 24 Apr 2026 06:30 pm
 Operator : DA
 Sample : A1UG_0.15
 Misc : A424_1UG
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 27 08:17:19 2026
 Quant Method : C:\MassHunter\GCMS\1\methods\A424_1UG.M
 Quant Title : TO-15 VOA Instrument #6
 QLast Update : Mon Apr 27 07:56:44 2026
 Response via : Continuing Cal File: C:\MassHunter\GCMS\1\data\AX042407.D



TIC: AX042411.D\data.ms

(61) Styrene (T)

17.312min (+ 0.006) 0.10 ppb

response 16032

Ion	Exp%	Act%
104.10	100.00	100.00
78.10	44.90	57.01
0.00	0.00	0.00
0.00	0.00	0.00