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September 18, 2026

Ms. Wendi Zheng
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

Re: Vapor Intrusion Evaluation
Former El Puente Site 100 South 4th Street, Brooklyn, New York (NYSDEC BCP No. C224260)

On behalf of HDH 3.0, LLC, Impact Environmental Engineering & Geology, PLLC (IEEG) performed an indoor and ambient outdoor air sampling of the existing building at the former El Puente Site No. C224260 (the Site – **Figure 1**). Concurrently, an inspection of the sub-slab depressurization system (SSDS) was performed during the sampling event. All SSDS components, including risers, gauges, vapor points, and roof fans, were visually inspected.

As outlined in the Vapor Intrusion Evaluation Work Plan Memorandum dated February 11, 2026, the objective of this evaluation is to evaluate potential vapor intrusion impacts at the Site within the typical heating season, defined within NYSDOH guidance as November 15 to March 31. Based on the results of this evaluation, the frequency of future operation, maintenance, and monitoring (OM&M) of the SSDS will be determined in consultation with NYSDEC and NYSDOH. This vapor intrusion evaluation was implemented in accordance with the approved Interim Remedial Measure (IRM) Work Plan.

BACKGROUND

The Site is situated on the south side of South 4th Street between Bedford Avenue and Berry Street in the Williamsburg neighborhood of Brooklyn, New York. The Site consists of a single parcel of land assigned New York City Tax Map Designation: Section 2, Block 2443, and Lot 13, and is in an area primarily comprised of residential and commercial properties within a historically industrial area (refer to Plate 2). The Site is located in a mixed-use district with an M1-2/R6 and MX-8 zoning designation. Based on review of sixty-five (65) historical New York City Zoning Maps covering the Site area from December 1961 through December 2018, the Site has had an M1-2/R6 zoning designation without residential overlays since March 2006, prior to which it was historically zoned M1-1. The NYC department of City Planning describes the M1—2/R6 designation as developed in built-up medium density areas consisting of multi-story lofts in districts that typically include light industrial uses and the MX-8 designation as one of mixed-use. The Site is currently developed with three (3) adjoining buildings: a multi-story structure made up of a 6-story, primarily residential structure in the center with a partial sub-grade cellar (100 South 4th Street) flanked by two (2) smaller 1-story structures (98 South 4th Street and 104 South 4th Street), with 98 South 4th Street also containing a partial sub-grade cellar. The three buildings have a combined footprint of approximately 21,500 square feet (SF). Aside from narrow concrete paved patios on the south side of 98

South 4th Street and 104 South 4th Street, and a narrow light and air easement on the south side of 100 South 4th Street, the surface area of the site is covered entirely by the footprint of the buildings. The buildings currently receive electrical and natural gas services from Con Edison and National Grid respectively, potable water from the New York City (NYC) municipal water system, while sanitary waste is reportedly handled by the NYC municipal public sanitary sewer system. Storm water runoff for the Site is handled via the municipal storm water drainage system located along South 4th Street.

An Interim Remedial Measures Work Plan (IRMWP) dated February 25, 2022 was designed based on IEEG Sub-Slab Soil Vapor Intrusion Remedial Investigation Report (SVI RIR) dated August 2, 2021, additional site reconnaissance by IEEG, previous diagnostics data generated by OBAR Systems Inc. in April 2019, and in accordance with the NYSDOH "Final Guidance for Evaluating Soil Vapor Intrusion" document dated October 2006, NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation dated May 2010 (DER-10) and the subsequent updates. The IRM Work Plan consisted of the installation of a retrofitted active SSDS with the intention of depressurizing the slab beneath all three (3) onsite buildings to mitigate the potential for sub-slab soil vapor intrusion into the indoor air.

ACTIVE SUB-SLAB DEPRESURIZATION SYSTEM EVALUATION

An inspection of the sub-slab depressurization system (SSDS), which was initially activated in November 2022, was conducted concurrently with the indoor air sampling activities as part of the Vapor Intrusion (VI) Evaluation. The purpose of the SSDS inspection was to verify that the SSDS was operating as designed during the sampling event and to document system performance conditions that could influence indoor/outdoor ambient air results.

As part of the evaluation, differential pressure measurements were collected from existing test points identified as SV-1 a/b, SV-2 a/b, SV-3 a/b, SV-4, SV-5 a/b, VMP-1, VMP-2, VMP-3, VMP-4, VMP-5, and VMP-6 using a digital manometer. These measurements were used to assess the degree of vacuum influence generated by the SSDS across the building footprint. The collected differential pressure data are summarized in Table 1.1 below and are depicted on **Figure 4**.

Testing points VMP-2 and SV-2b, located within the gym/fitness center, could not be accessed due to the presence of foam flooring installed throughout the building. VMP-3, located within the catering establishment, could not be found either. As a result, differential pressure measurements were not collected at these three locations. These same testing points were also not identified during previous inspection events. The SSDS performance criterion is demonstrated with a sub-slab induced vacuum of at least 0.004 inches of water column (iwc) at each test point. The differential pressure readings summarized in Table 1.1 indicate that each of the located test points achieved an induced vacuum well above the 0.004 iwc criterion, confirming the system maintains the required depressurization across the accessible building footprint. The observed differential pressure readings collected during this inspection event indicate that the SSDS is maintaining adequate and consistent sub-slab depressurization across the existing building. No anomalies or indications of system malfunction were observed during this inspection.

System components, including the blower operation and associated piping, were observed to be functioning under normal operating conditions.

Table 1.1 – SSDS Induced Vacuum Measurements

TEST POINT ID	DATE	APPROXIMATE TIME	DIFFERENTIAL PRESSURE (iwc)
SV-1a	3/26/26	12:05	0.059
SV-1b	3/26/26	9:30	0.009
SV-2a	3/26/26	13:20	0.045
SV-2b	3/26/26	NA	-
SV-3a	3/26/26	12:15	0.010
SV-3b	3/26/26	12:20	0.030
SV-4	3/26/26	13:00	0.034
SV-5a	3/26/26	12:30	0.043
SV-5b	3/26/26	12:40	0.032
VMP-1	3/26/26	12:07	0.050
VMP-2	3/26/26	NA	-
VMP-3	3/26/26	NA	-
VMP-4	3/26/26	12:50	0.024
VMP-5	3/26/26	12:55	0.030
VMP6	3/26/26	12:35	0.012

1. Iwc: inches of water column
2. NA: Not accessible

INDOOR AIR EVALUATION

Indoor and outdoor ambient air sampling activities were conducted on March 26 and 27, 2026, and included the collection of twelve (12) indoor air samples, along with one (1) exterior ambient background air sample collected for comparative purposes. Sample locations are depicted in the Sample Location Map, **Figure 2.** The work was conducted in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006), as updated May 2017 and February 2024, and the Vapor Intrusion Evaluation Work Plan Memorandum dated February 11, 2026. This evaluation was conducted within the typical heating season, defined within NYSDOH guidance as November 15 to March 31. The details of the sampling are discussed herein.

CHEMICAL INVENTORY AND FIELD OBSERVATIONS

On March 26, 2026, IEC conducted a building survey and reconnaissance prior to the start of sampling to document information that will be used to evaluate the results. The following observations were made at the time of the sampling:

- A visual inspection of the flooring within the four commercial areas and associated residential apartments determined that they are in acceptable condition, with no observable deficiencies, deterioration, or physical damage at the time of the inspection
- Multiple floor drains were present throughout the commercial and residential areas including the kitchen at Lemons and Olives and the bar restaurant Keg and Lantern. A floor drain was also observed in the fire pump room. These drains connect to the municipal sewer system.
- Cleaning chemicals were observed within both the commercial spaces and residential apartments. It is noted that a designated chemical/flammable storage cabinet was located in the building maintenance office. A chemical inventory was documented at the time of inspection.

Prior to sample collection, indoor air sampling locations were inspected for potential sources of VOCs and were screened with a photoionization detector (PID). Screening with a PID indicated less than 0.2 ppm at all areas assessed during this evaluation. Photographs and a NYSDOH Indoor Air Quality Questionnaire and Building Inventory form are included as **Attachment 1** and **Attachment 2,** respectively.

Samples were collected over a period of approximately 24 hours. Samples were collected using passive (approximately -30 inches of mercury [in. Hg]) laboratory-certified six-liter, stainless-steel Summa canisters equipped with integral regulators. The regulators were calibrated by the laboratory that supplied the canisters and flow rates pre-set prior to sampling. Flow rates for collecting samples did not exceed 0.2 liters per minute throughout the investigation. The indoor air samples were positioned approximately 3 feet from the floor surface of the building. Outdoor air temperature varied from 63 – 65 degrees Fahrenheit. Samples were collected by opening the valves on the canisters, allowing air to enter the canister at the pre-set flow rate. Once a canister is full (i.e., -5 in. Hg remaining, as measured by an analog pressure gauge), it was sealed and labeled with the sample identification number for the sample point. Each canister shipment was sealed with chain-of-custody tape, and chain-of-custody forms were completed in triplicate. Samples were shipped via carrier directly to the analytical laboratory on the day that collections were completed.

INDOOR AIR QUALITY DATA ANALYSIS

Laboratory analysis was performed by Phoenix Environmental Laboratories, Inc. (Phoenix) of Manchester, Connecticut (National Environmental Laboratory Accreditation Conference NY#11301). All samples were analyzed for individual VOCs by United States Environmental Protection Agency Method TO-15 (Determination of VOCs in Air Collected in Specially Prepared Canisters and Analyzed by Gas Chromatography Mass Spectrometry). The analytical laboratory report is included as **Attachment 3**. A data summary table is presented as **Table 1**.

For reference purposes, the indoor air analytical results collected during this Assessment were compared to the compounds listed in Table 3.1 Air Guideline Values of the NYSDOH Guidance Document. The air data and relevant detections applicable to this investigation are presented in Table 1.2 below.

Table 1.2 - NYSDOH Air Guideline Value Comparison

Sample ID	Sample Location	ANALYTE		
		Methylene Chloride (60 µg/m³)	Tetrachloroethene (30 µg/m³)	Trichloroethene (2 µg/m³)
IA-1	Central area of hair salon, western most portion of the Site	< 3.00 µg/m³	0.26 µg/m³	0.27 µg/m³
IA-2	Central area of gym/fitness center, western portion of the Site	< 3.00 µg/m³	0.25 µg/m³	< 0.20 µg/m³
IA-3	Central area of catering establishment, western-middle portion of Site	< 3.00 µg/m³	< 0.25 µg/m³	< 0.20 µg/m³
IA-4A	Central area of apartment 4A (maintenance office)	< 3.00 µg/m³	0.32 µg/m³	< 0.20 µg/m³
IA-4B	Central area of apartment 4B	< 3.00 µg/m³	0.43 µg/m³	< 0.20 µg/m³
IA-4C	Central area of apartment 4C	< 3.00 µg/m³	0.43 µg/m³	< 0.20 µg/m³
IA-4D	Central area of apartment 4D	< 3.00 µg/m³	0.62 µg/m³	< 0.20 µg/m³
IA-4E	Central area of apartment 4E	< 3.00 µg/m³	0.35 µg/m³	< 0.20 µg/m³
IA-4F	Central area of apartment 4F	< 3.00 µg/m³	0.54 µg/m³	< 0.20 µg/m³
IA-4G	Central area of apartment 4G	< 3.00 µg/m³	0.3 µg/m³	< 0.20 µg/m³
IA-4H	In corridor near elevators and mail room	< 3.00 µg/m³	0.45 µg/m³	< 0.20 µg/m³
IA-5	Central area of bar restaurant, wester portion	< 3.00 µg/m³	0.39 µg/m³	< 0.20 µg/m³
OA-1	Southern portion of the Site, behind apartment 4C	< 3.00 µg/m³	< 0.25 µg/m³	< 0.20 µg/m³

µg/m³: microgram per cubic meter
Polychlorinated biphenyls and tetrachlorodibenzo-p-dioxin equivalents were not identified as contaminants of concern and not tested.

As presented in Table 1.2, chlorinated volatile organic compounds (CVOCs) were not detected or were detected at low concentrations below the applicable NYSDOH air guideline values for indoor air. Specifically, methylene chloride, tetrachloroethene (PCE), and trichloroethene (TCE) did not exceed the NYSDOH air guideline values specific to indoor air.

In addition, chlorinated solvent degradation products commonly associated with PCE and TCE, including cis-1,2-dichloroethene and vinyl chloride, were not detected in any indoor air sample. 1,1-Dichloroethene and 1,1,1-trichloroethane were likewise not detected. Various other volatile organic compounds were detected at low concentrations above the laboratory method detection limit, including 1,2,4-trimethylbenzene, 4-ethyltoluene, acetone, chloroform, ethanol, ethyl acetate and isopropyl alcohol. Detection of these compounds is commonly attributed to indoor materials and consumer products rather than to soil vapor intrusion.

The indoor air results were also compared to the background indoor air concentrations presented in Appendix C of the NYSDOH Guidance Document in order to evaluate the effectiveness of the SSDS in reducing potential exposures in indoor air. Two datasets were applied: the upper fence values of Table C.1, developed from the NYSDOH study of volatile organic chemicals in the air of fuel-oil heated homes in New York State, and the 90th percentile values of Table C.2, developed from the USEPA Building Assessment and Survey Evaluation (BASE) database of office buildings. The Table C.1 dataset is the more directly applicable comparison for the residential portion of the building and the Table C.2 dataset for the commercial spaces; both are presented for each compound in Table 1, and results exceeding either value are identified.

The Site contaminants of concern were below both background datasets in every indoor air sample. PCE was detected at a maximum concentration of 0.62 µg/m³ (IA-4D), below the 2.5 µg/m³ NYSDOH upper fence value and the 6.5 µg/m³ USEPA BASE 90th percentile value. TCE was detected in one of twelve indoor air samples, at 0.27 µg/m³ (IA-1), below the 0.5 µg/m³ NYSDOH upper fence value and the 1.3 µg/m³ USEPA BASE 90th percentile value and was not detected in the remaining eleven indoor air samples. Methylene chloride was not detected in any sample. On this basis, indoor air concentrations of the Site contaminants of concern are within published background ranges for both residential and commercial building stock.

Compounds exceeding a background value were concentrated at IA-4A, collected in the building maintenance office. m,p-Xylene (39.5 µg/m³), o-xylene (12.2 µg/m³), ethylbenzene (8.42 µg/m³) and carbon tetrachloride (2.48 µg/m³) exceeded both the NYSDOH upper fence and the USEPA BASE values at this location, and 4-ethyltoluene (4.0 µg/m³) and chloroform (12.6 µg/m³) exceeded the USEPA BASE 90th percentile value. A designated chemical/flammable storage cabinet and cleaning products were documented in this room during the chemical inventory conducted prior to sampling, and the highest indoor concentrations of ethyl acetate (18.8 µg/m³), tetrahydrofuran (10.9 µg/m³) and styrene (3.37 µg/m³) were also observed at this location. None of these compounds is a Site contaminant of concern and none was a driver for the sub-slab depressurization remedy. The Site contaminants of concern were

not elevated at IA-4A relative to the other sampling locations; PCE was 0.32 µg/m³ and TCE was not detected. The pattern of detections is characteristic of a localized indoor source rather than subsurface vapor intrusion. Supporting documentation is provided in the chemical inventory, the NYSDOH Indoor Air Quality Questionnaire and Building Inventory form (Attachment 2) and the photographic log (Attachment 1).

Chloroform was detected in seven of twelve indoor air samples and exceeded both the 1.2 µg/m³ NYSDOH upper fence value and the 1.1 µg/m³ USEPA BASE 90th percentile value in six of those samples (1.48 to 12.6 µg/m³). Chloroform is not a Site contaminant of concern, was not detected in sub-slab soil vapor during the 2021 remedial investigation and is commonly associated with chlorinated municipal water supply and chlorine-based cleaning products. Multiple floor drains connected to the municipal sewer system, and cleaning chemicals within both the commercial and residential spaces, were documented during the building survey. 1,2-Dichloroethane was detected in a single sample (IA-4B, 2.29 µg/m³) above the 0.4 µg/m³ NYSDOH upper fence value and the 0.9 µg/m³ USEPA BASE reporting limit; it is not a Site contaminant of concern and was not detected in any other indoor air sample.

Acetone, tetrahydrofuran, ethyl acetate, styrene and n-butylbenzene were also detected above one or both background values. Acetone exceeded the 115 µg/m³ NYSDOH upper fence value and the 98.9 µg/m³ USEPA BASE 90th percentile value in five indoor air samples (149 to 234 µg/m³), and was detected above the USEPA BASE value in the outdoor ambient sample OA-1 (102 µg/m³). Tetrahydrofuran exceeded the 0.8 µg/m³ NYSDOH upper fence value in eight indoor air samples (1.05 to 10.9 µg/m³). Ethyl acetate exceeded the 5.4 µg/m³ USEPA BASE 90th percentile value at IA-4A (18.8 µg/m³), IA-4B (16.3 µg/m³) and IA-5 (9.18 µg/m³). Styrene exceeded both background values at IA-4A (3.37 µg/m³), IA-5 (3.08 µg/m³) and IA-4B (1.49 µg/m³), and n-butylbenzene exceeded the 1.1 µg/m³ NYSDOH upper fence value at IA-4A (1.32 µg/m³). None of these compounds is a Site contaminant of concern, none was detected in sub-slab soil vapor during the 2021 remedial investigation, and each is a common constituent of cleaning products, adhesives, coatings and similar materials documented during the chemical inventory. The detection of acetone above background in the outdoor ambient sample further indicates that these compounds are associated with indoor and ambient sources rather than with soil vapor intrusion.

Carbon tetrachloride was detected in all thirteen samples, including the outdoor ambient sample OA-1 (0.36 µg/m³). Excluding IA-4A, indoor detections ranged from 0.38 to 0.55 µg/m³, consistent with the outdoor ambient result and below the 1.3 µg/m³ NYSDOH upper fence value and the corresponding USEPA BASE reporting limit. Carbon tetrachloride is not a Site-related contaminant of concern, was not a driver for the sub-slab depressurization remedy, and was not detected in sub-slab soil vapor during the baseline investigations, indicating no subsurface source beneath the building. The single elevated detection at IA-4A is attributable to the localized indoor source described above.

Results from the outdoor (ambient) air sample (OA-1) demonstrate non-detect or low-level concentrations of the Site contaminants of concern, providing additional support that indoor air conditions with respect to those compounds are consistent with background conditions. Analytical laboratory results were submitted to a third-party laboratory for independent data validation in accordance with applicable data validation procedures. The resulting Data Usability Summary Report (DUSR) is provided as **Attachment 4**. Collectively, the indoor and outdoor air data do not indicate the

presence of CVOC-related impacts attributable to soil vapor intrusion, and those compounds detected above a background value are attributable to documented indoor sources. The comparison to the Appendix C background datasets demonstrates that the active SSDS is effective in limiting potential vapor intrusion exposures in indoor air. Indoor air sample detections are included as **Figure 3.**

COMPARISON WITH REMEDIAL INVESTIGATION DATA

As committed in the Vapor Intrusion Evaluation Work Plan Memorandum (February 11, 2026), current indoor air results were compared to the pre-mitigation conditions documented in the 2021 SVI RIR to evaluate the performance of the SSDS in reducing potential indoor air exposures. During the 2021 remedial investigation, indoor air concentrations of the site chlorinated VOCs reached 3.98 µg/m³ (TCE) and 4.43 µg/m³ (PCE) — with TCE exceeding its 2 µg/m³ air guideline value — and sub-slab soil vapor reached 336 µg/m³ (TCE) and 67.8 µg/m³ (PCE). These conditions were the basis on which NYSDOH required mitigation. The comparison is summarized below (maximum detected indoor air concentrations, µg/m³).

Compound	2021 RI – Indoor Air (max)	2026 – Indoor Air (max)	NYSDOH AGV
Trichloroethene (TCE)	3.98	0.27 (IA-1)	2
Tetrachloroethene (PCE)	4.43	0.62 (IA-4D)	30
cis-1,2-Dichloroethene	0.174	ND (<0.20)	—
1,1,1-Trichloroethane	0.12	ND (<1.0)	—
Carbon tetrachloride	0.547	0.36–0.55 (2.48 at IA-4A)	—

ND = not detected. All concentrations in µg/m³.

Carbon tetrachloride is included in the comparison for completeness. It is a ubiquitous ambient/indoor-source compound rather than a Site contaminant of concern transported via vapor intrusion, and was not detected in sub-slab soil vapor during the baseline investigations. The range shown (0.38–0.55 µg/m³) reflects the indoor detections exclusive of the single localized IA-4A result (2.48 µg/m³).

With the SSDS operating, indoor air concentrations of TCE and PCE have been reduced by more than an order of magnitude relative to pre-mitigation conditions, cis-1,2-dichloroethene and 1,1,1-trichloroethane are no longer detected, and no compound exceeds its NYSDOH air guideline value. This demonstrates that the active SSDS is performing as designed and has substantially reduced potential indoor air exposures relative to the conditions that originally warranted mitigation. Carbon tetrachloride is not included in this comparison as an indicator of SSDS performance; because it has no subsurface source at the Site, its indoor concentration reflects ambient background and incidental indoor sources rather than system operation.

CONCLUSIONS AND RECOMMENDATIONS

The objective of the work performed under the Vapor Intrusion Evaluation Work Plan was to evaluate potential vapor intrusion and to confirm the effectiveness of the active SSDS. Analytical results demonstrate that methylene chloride, tetrachloroethene (PCE), and trichloroethene (TCE) were either not detected or were detected at low concentrations well below the applicable NYSDOH air guideline values

for indoor air. In addition, chlorinated solvent degradation products including cis-1,2-dichloroethene and vinyl chloride, were not detected in any indoor air samples. Low-level detections of carbon tetrachloride were consistent with typical background concentrations reported by NYSDOH and were observed at levels consistent with the outdoor ambient sample, with the exception of a single localized detection at IA-4A, indicating no evidence of an indoor air impact attributable to subsurface vapor intrusion.

Based on multiple lines of evidence — indoor air concentrations of the site chlorinated VOCs at or below the applicable NYSDOH air guideline values, the absence of the PCE and TCE degradation products cis-1,2-dichloroethene and vinyl chloride in all indoor air samples, sub-slab differential pressure readings confirming the system continues to maintain the required depressurization across the accessible building footprint, and the substantial reduction in indoor air concentrations relative to the pre-mitigation conditions documented in the 2021 SVI RIR — the data demonstrate that the active SSDS is functioning as designed and is effectively controlling the potential for soil vapor intrusion into indoor air.

IEEG proposes to conduct an additional indoor air quality sampling event during the next (2026–2027) heating season, consistent with the Vapor Intrusion Evaluation Work Plan and the ongoing operation, maintenance, and monitoring of the SSDS, with the results reported to the NYSDEC and NYSDOH for review. It is expected that the indoor air quality sampling event will be performed in February 2027.

Sincerely,

IMPACT ENVIRONMENTAL
ENGINEERING AND GEOLOGY, PLLC

Kevin Kleaka, PG
President

Luis Maldonado
Associate Project Manager

Enc

Figures

Figure 1:	Site Location Map
Figure 2:	Sample Location Map
Figure 3:	Indoor Air Sample Detections
Figure 4:	SVI Pressure Differential Readings

Tables

Table 1:	Analytical Data Summary Table

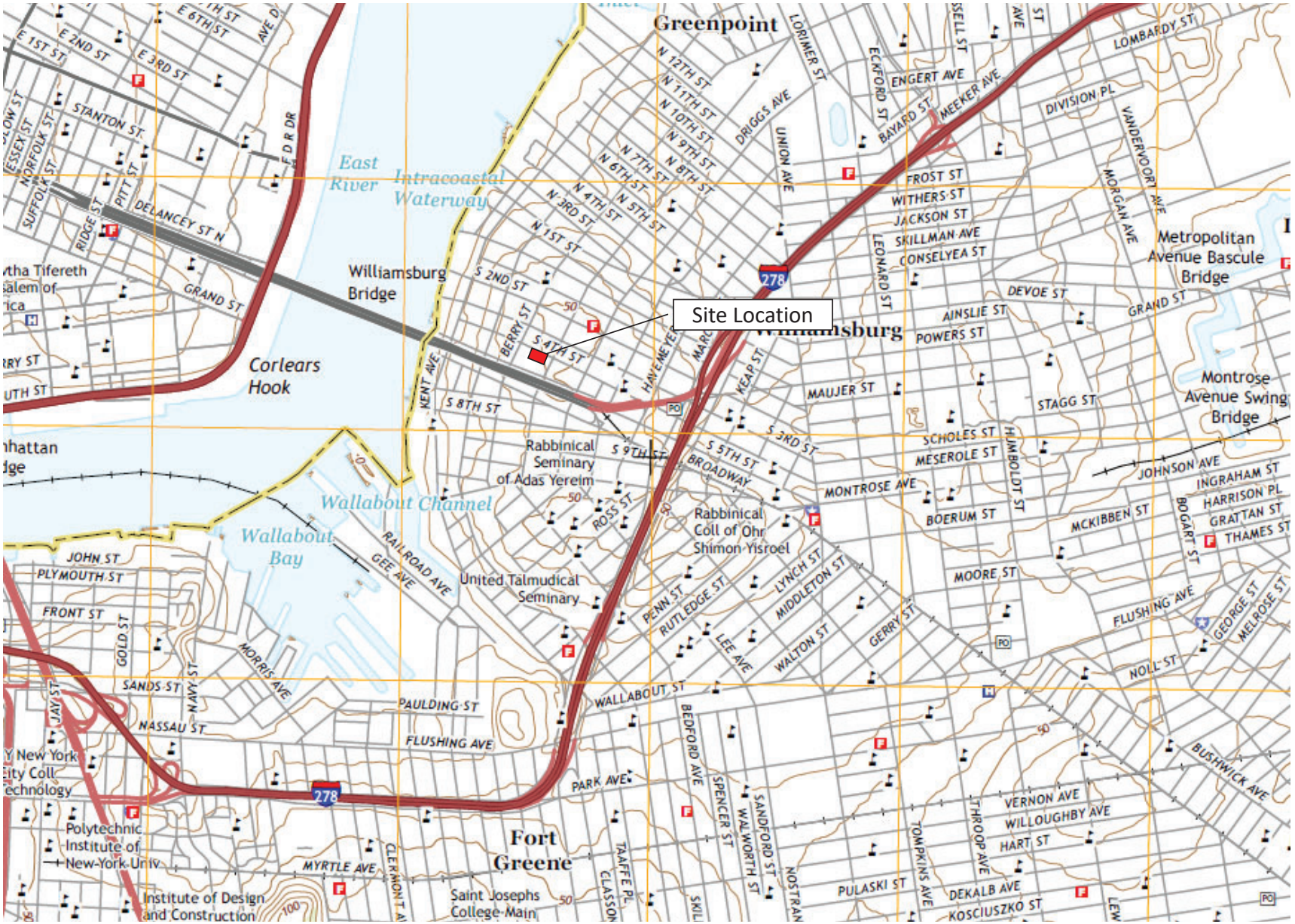
Attachments

Attachment 1:	Photographic Log
Attachment 2:	NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form
Attachment 3:	Laboratory Analytical Report
Attachment 4:	Data Validation Report (DUSR)

Figure 1

Site Location Map

100 South 4th Street, Brooklyn, New York



Legend

Notes:

Base Map: USGS Brooklyn Quadrangle Topographic Map

SITE LOCATION MAP

100 South 4th Street, Brooklyn, NY

Figure 1

PROJECT #	13817
DRAWN BY	CJC
CHECKED BY	KK
DATE	5/21/21
Revisions	

N

Not to scale

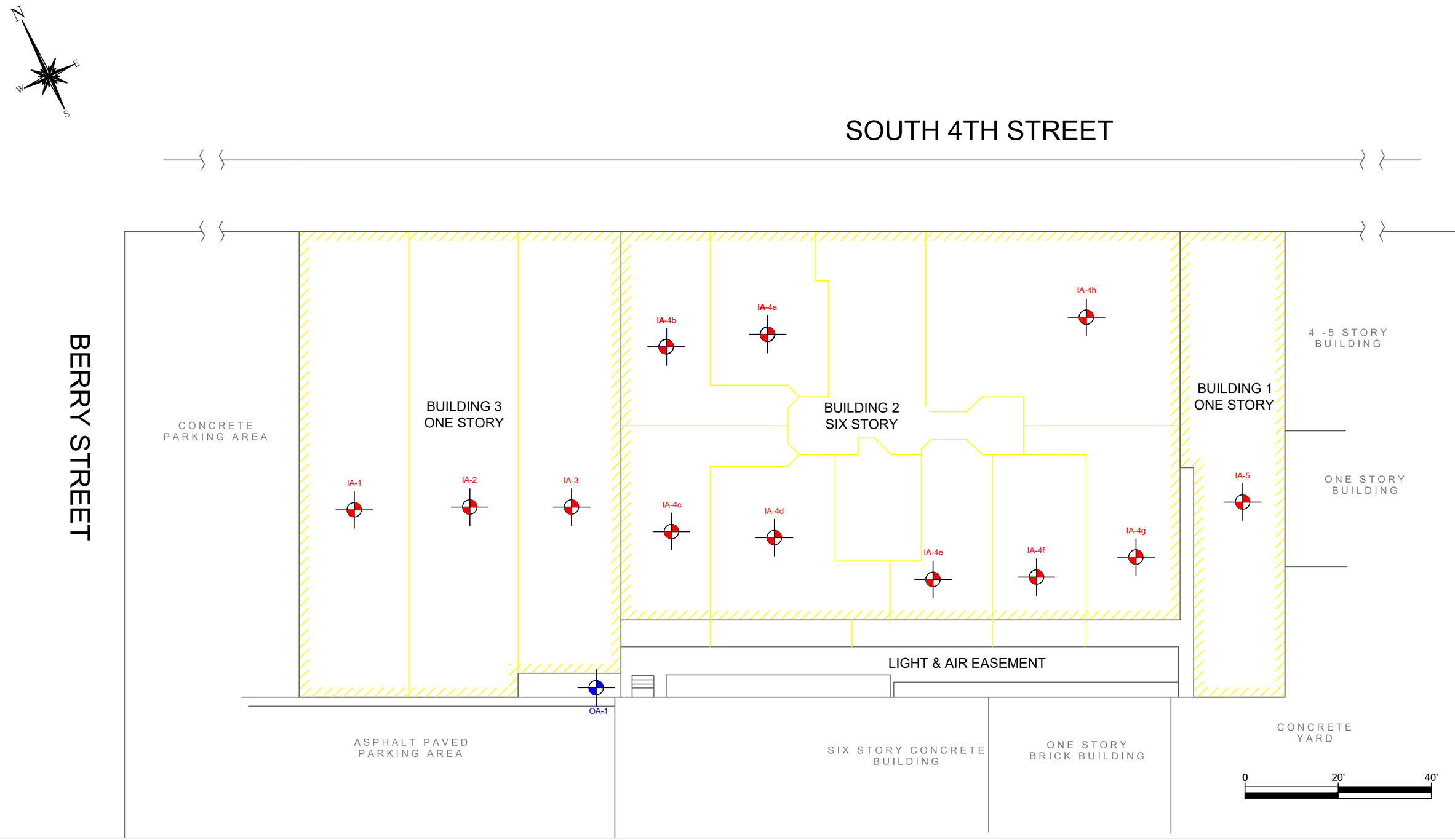
IMPACT ENVIRONMENTAL CLOSURES, INC.

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Figure 2

Sample Location Map

100 South 4th Street, Brooklyn, New York



IMPACT ENVIRONMENTAL
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1000 PAGE AVENUE
LYNDHURST, NEW JERSEY 07071

TITLE:

INDOOR AIR SAMPLE ACQUISITION PLAN

SITE:

100 SOUTH 4TH STREET
BROOKLYN NY
BLOCK: 2443 LOT: 13

SHEET NO. 1

PROJECT NO.	13817
DESIGNED BY:	RD
DRAWN BY:	LM
CHECKED BY:	KK
DATE:	01/06/2020
SCALE:	1" = 20'

REVISIONS

NO:	DATE: 1/30/2026

NOTES:

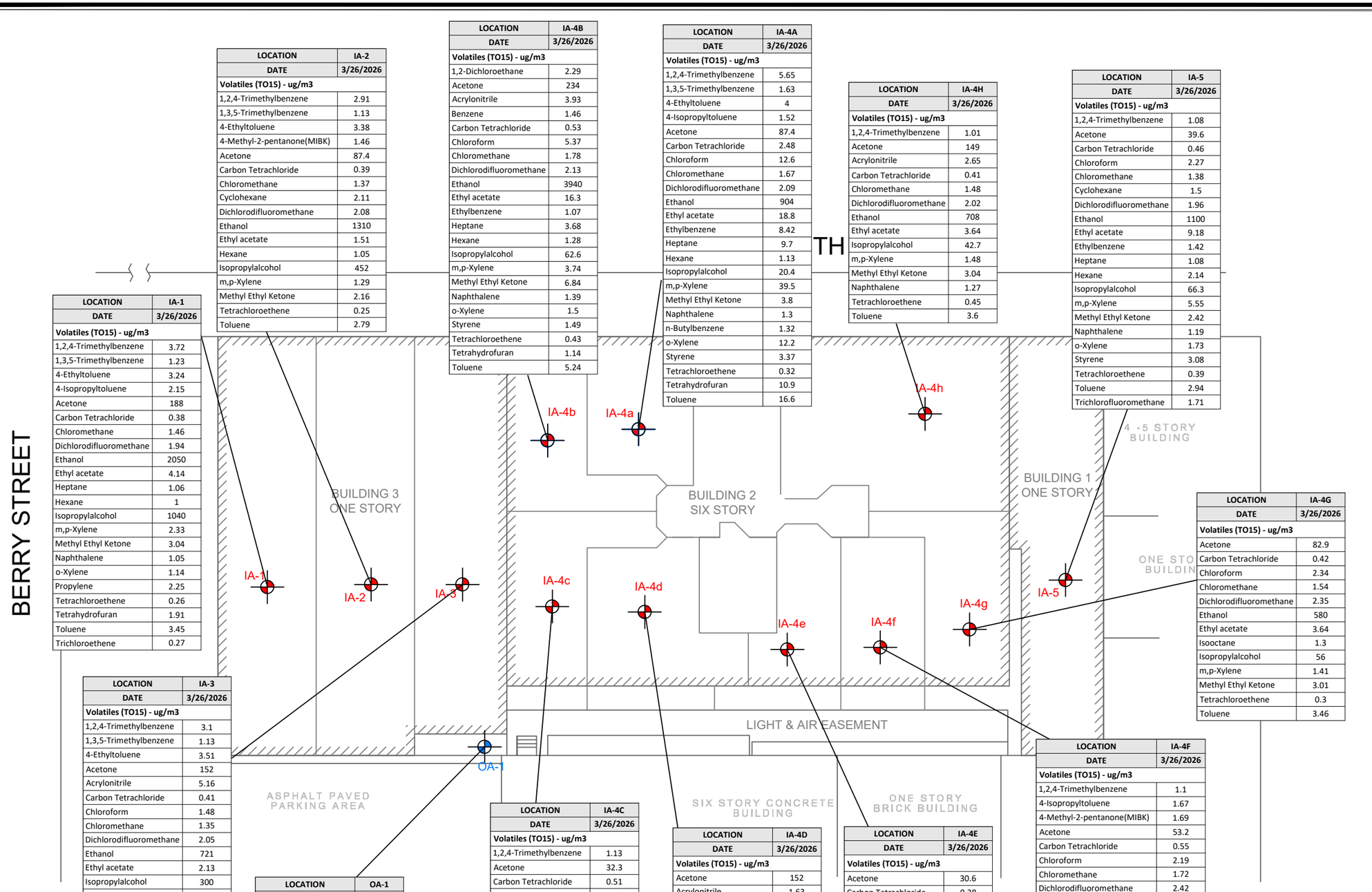
1. SITE UNDERLAY AND PROPERTY LINES TAKEN FROM SURVEY PERFORMED BY BORO LAND SURVEYING, P.C. DATED APRIL 12, 2019.

LEGEND:

Figure 3

Indoor Air Sample Detections

100 South 4th Street, Brooklyn, New York



LOCATION	IA-1
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2,4-Trimethylbenzene	3.72
1,3,5-Trimethylbenzene	1.23
4-Ethyltoluene	3.24
4-Isopropyltoluene	2.15
Acetone	188
Carbon Tetrachloride	0.38
Chloromethane	1.46
Dichlorodifluoromethane	1.94
Ethanol	2050
Ethyl acetate	4.14
Heptane	1.06
Hexane	1
Isopropylalcohol	1040
m,p-Xylene	2.33
Methyl Ethyl Ketone	3.04
Naphthalene	1.05
o-Xylene	1.14
Propylene	2.25
Tetrachloroethene	0.26
Tetrahydrofuran	1.91
Toluene	3.45
Trichloroethene	0.27

LOCATION	IA-2
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2,4-Trimethylbenzene	2.91
1,3,5-Trimethylbenzene	1.13
4-Ethyltoluene	3.38
4-Methyl-2-pentanone(MIBK)	1.46
Acetone	87.4
Carbon Tetrachloride	0.39
Chloromethane	1.37
Cyclohexane	2.11
Dichlorodifluoromethane	2.08
Ethanol	1310
Ethyl acetate	1.51
Hexane	1.05
Isopropylalcohol	452
m,p-Xylene	1.29
Methyl Ethyl Ketone	2.16
Tetrachloroethene	0.25
Toluene	2.79

LOCATION	IA-3
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2,4-Trimethylbenzene	3.1
1,3,5-Trimethylbenzene	1.13
4-Ethyltoluene	3.51
Acetone	152
Acrylonitrile	5.16
Carbon Tetrachloride	0.41
Chloroform	1.48
Chloromethane	1.35
Dichlorodifluoromethane	2.05
Ethanol	721
Ethyl acetate	2.13
Isopropylalcohol	300
m,p-Xylene	1.14
Methyl Ethyl Ketone	3.09
Tetrahydrofuran	1.66
Toluene	3.25
Trichlorofluoromethane	1.07

LOCATION	IA-4B
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2-Dichloroethane	2.29
Acetone	234
Acrylonitrile	3.93
Benzene	1.46
Carbon Tetrachloride	0.53
Chloroform	5.37
Chloromethane	1.78
Dichlorodifluoromethane	2.13
Ethanol	3940
Ethyl acetate	16.3
Ethylbenzene	1.07
Heptane	3.68
Hexane	1.28
Isopropylalcohol	62.6
m,p-Xylene	3.74
Methyl Ethyl Ketone	6.84
Naphthalene	1.39
o-Xylene	1.5
Styrene	1.49
Tetrachloroethene	0.43
Tetrahydrofuran	1.14
Toluene	5.24

LOCATION	OA-1
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
Acetone	102
Acrylonitrile	1.36
Carbon Tetrachloride	0.36
Chloromethane	1.2
Dichlorodifluoromethane	2.08
Ethanol	93.4
Isopropylalcohol	11.8
Methyl Ethyl Ketone	1.87
Toluene	1.95

LOCATION	IA-4C
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2,4-Trimethylbenzene	1.13
Acetone	32.3
Carbon Tetrachloride	0.51
Chloroform	1.07
Chloromethane	1.55
Dichlorodifluoromethane	2.17
Ethanol	846
Ethyl acetate	3.96
Heptane	1.19
Isopropylalcohol	31.7
m,p-Xylene	2.52
Methyl Ethyl Ketone	2.88
Naphthalene	4.16
Tetrachloroethene	0.43
Tetrahydrofuran	1.47
Toluene	3.8

LOCATION	IA-4A
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2,4-Trimethylbenzene	5.65
1,3,5-Trimethylbenzene	1.63
4-Ethyltoluene	4
4-Isopropyltoluene	1.52
Acetone	87.4
Carbon Tetrachloride	2.48
Chloroform	12.6
Chloromethane	1.67
Dichlorodifluoromethane	2.09
Ethanol	904
Ethyl acetate	18.8
Ethylbenzene	8.42
Heptane	9.7
Hexane	1.13
Isopropylalcohol	20.4
m,p-Xylene	39.5
Methyl Ethyl Ketone	3.8
Naphthalene	1.3
n-Butylbenzene	1.32
o-Xylene	12.2
Styrene	3.37
Tetrachloroethene	0.32
Tetrahydrofuran	10.9
Toluene	16.6

LOCATION	IA-4D
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
Acetone	152
Acrylonitrile	1.63
Carbon Tetrachloride	0.4
Chloromethane	1.46
Dichlorodifluoromethane	2.13
Ethanol	1500
Ethyl acetate	3.34
Isopropylalcohol	33.9
m,p-Xylene	1.01
Methyl Ethyl Ketone	4.16
Tetrachloroethene	0.62
Tetrahydrofuran	4.24
Toluene	2.89

LOCATION	IA-4E
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
Acetone	30.6
Carbon Tetrachloride	0.38
Chloromethane	1.54
Dichlorodifluoromethane	2.2
Ethanol	360
Ethyl acetate	2.74
Isopropylalcohol	70
Methyl Ethyl Ketone	4.27
Tetrachloroethene	0.35
Tetrahydrofuran	2.98
Toluene	3.3

LOCATION	IA-4F
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2,4-Trimethylbenzene	1.1
4-Isopropyltoluene	1.67
4-Methyl-2-pentanone(MIBK)	1.69
Acetone	53.2
Carbon Tetrachloride	0.55
Chloroform	2.19
Chloromethane	1.72
Dichlorodifluoromethane	2.42
Ethanol	522
Ethyl acetate	2.34
Heptane	1.24
Isopropylalcohol	46.2
m,p-Xylene	2.05
Methyl Ethyl Ketone	5.75
Naphthalene	1.17
Tetrachloroethene	0.54
Tetrahydrofuran	1.05
Toluene	4.33

LOCATION	IA-4G
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
Acetone	82.9
Carbon Tetrachloride	0.42
Chloroform	2.34
Chloromethane	1.54
Dichlorodifluoromethane	2.35
Ethanol	580
Ethyl acetate	3.64
Isooctane	1.3
Isopropylalcohol	56
m,p-Xylene	1.41
Methyl Ethyl Ketone	3.01
Tetrachloroethene	0.3
Toluene	3.46

LOCATION	IA-4H
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2,4-Trimethylbenzene	1.01
Acetone	149
Acrylonitrile	2.65
Carbon Tetrachloride	0.41
Chloromethane	1.48
Dichlorodifluoromethane	2.02
Ethanol	708
Ethyl acetate	3.64
Isopropylalcohol	42.7
m,p-Xylene	1.48
Methyl Ethyl Ketone	3.04
Naphthalene	1.27
Tetrachloroethene	0.45
Toluene	3.6

LOCATION	IA-5
DATE	3/26/2026
Volatiles (TO15) - ug/m3	
1,2,4-Trimethylbenzene	1.08
Acetone	39.6
Carbon Tetrachloride	0.46
Chloroform	2.27
Chloromethane	1.38
Cyclohexane	1.5
Dichlorodifluoromethane	1.96
Ethanol	1100
Ethyl acetate	9.18
Ethylbenzene	1.42
Heptane	1.08
Hexane	2.14
Isopropylalcohol	66.3
m,p-Xylene	5.55
Methyl Ethyl Ketone	2.42
Naphthalene	1.19
o-Xylene	1.73
Styrene	3.08
Tetrachloroethene	0.39
Toluene	2.94
Trichlorofluoromethane	1.71

PROJECT NORTH

0' 25' 50'

NOTES:
1. SITE UNDERLAY AND PROPERTY LINES TAKEN FROM SURVEY PERFORMED BY BORO LAND SURVEYING, P.C. DATED APRIL 12, 2019.

FIGURE 3: INDOOR AIR SAMPLE DETECTIONS

100 SOUTH 4TH STREET
BROOKLYN NY
BLOCK: 2443 LOT: 13

Figure No: 03

PROJECT NO.	13817
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	LM
DATE:	8/21/2026
SCALE:	1" = 25'
REVISIONS	

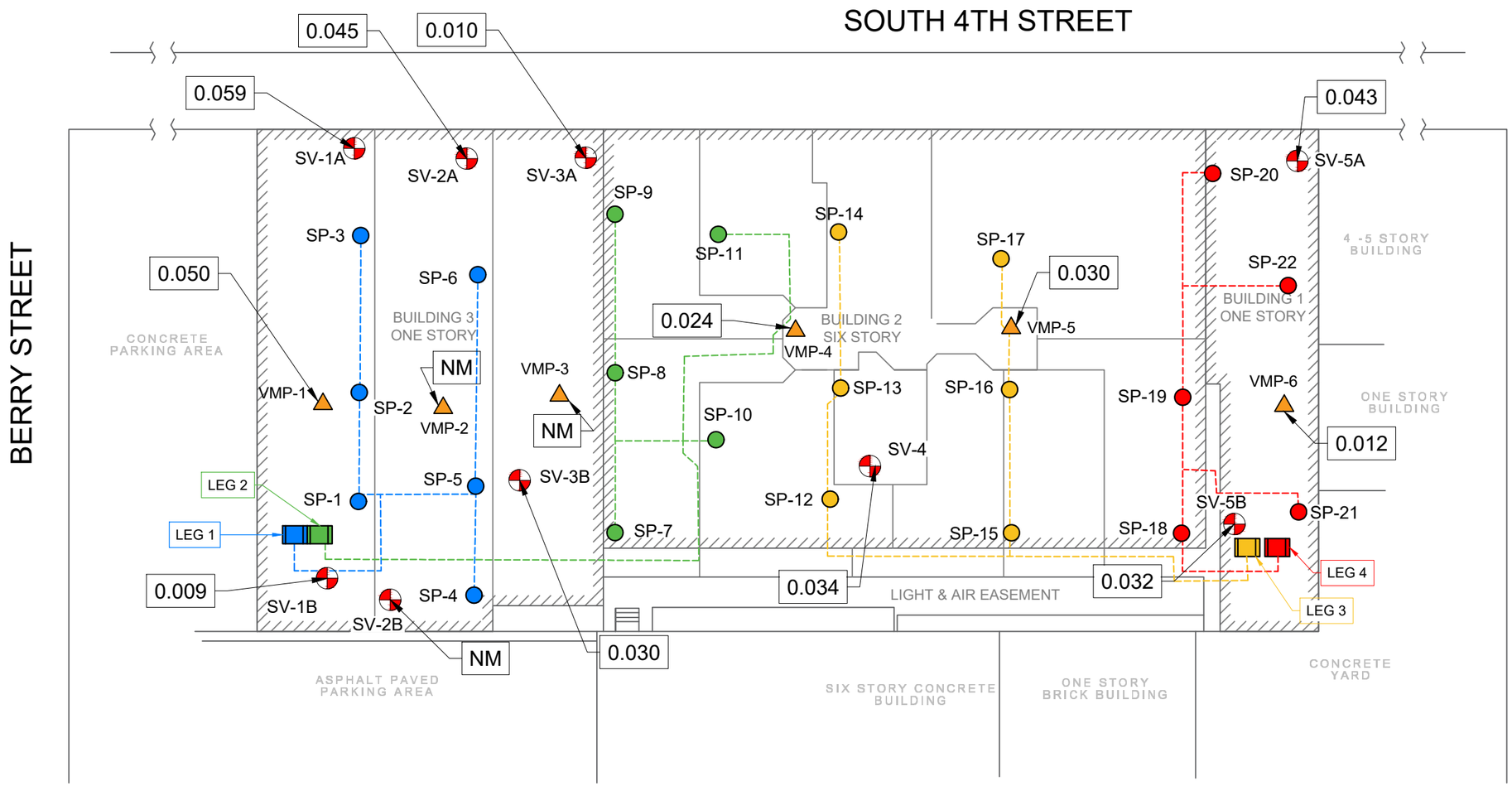
IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

Figure 4

SVI – Pressure Differential Readings

100 South 4th Street, Brooklyn, New York



LEGEND

- SSDS OVERHEAD PIPING
- SUCTION PIT
- VAPOR MONITORING POINT
- SOIL VAPOR TEST POINT

PROJECT NORTH

0' 25' 50'

NOTES:

1. SITE UNDERLAY AND PROPERTY LINES TAKEN FROM SURVEY PERFORMED BY BORO LAND SURVEYING, P.C. DATED APRIL 12, 2019.
2. PRESSURE DIFFERENTIAL READINGS ARE SHOWN IN INCHES OF WATER COLUMN.

FIGURE 4
PRESSURE READINGS

100 SOUTH 4TH STREET
BROOKLYN NY
BLOCK: 2443 LOT: 13

Figure No: 04

PROJECT NO.	13817
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	LM
DATE:	9/1/2026
SCALE:	1" = 25'

REVISIONS

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

Table 1

Analytical Data Summary Table

100 South 4th Street, Brooklyn, New York

Table 1 - Vapor Intrusion Analytical Results 100 South 4th Street
Brooklyn, New York
IEC #13817-01

LOCATION	CAS	NYSDOH AGV Table 3.1 (ug/m3)	NYSDOH Upper Fence Table C.1 (ug/m3)	USEPA BASE 90th Percentile Table C.2 (ug/m3)	Units	IA-1		IA-2		IA-3		IA-4A		IA-4B		IA-4C		IA-4D		IA-4E		IA-4F		IA-4G		IA-4H		IA-5		OA-1	
						03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026		03/26/2026	
						CV62404		CV62407		CV62409		CV62412		CV62402		CV62403		CV62410		CV62408		CV62400		CV62405		CV62401		CV62406		CV62411	
						Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Ambient Air	
						Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatiles (TO15) - TO15																															
1,1,1,2-Tetrachloroethane	630-20-6	NS	NL	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,1,1-Trichloroethane	71-55-6	NS	2.5	20.6	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	0.4	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,1,2-Trichloroethane	79-00-5	NS	0.4	<1.5	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,1-Dichloroethane	75-34-3	NS	0.4	<0.7	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,1-Dichloroethene	75-35-4	NS	0.4	<1.4	ug/m3	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U
1,2,4-Trichlorobenzene	120-82-1	NS	0.5	<6.8	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,2,4-Trimethylbenzene	95-63-6	NS	9.8	9.5	ug/m3	3.72		2.91		3.1		5.65		< 1.00	U	1.13		< 1.00	U	< 1.00	U	1.1		< 1.00	U	1.01		1.08		< 1.00	U
1,2-Dibromoethane(EDB)	106-93-4	NS	0.4	<1.5	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,2-Dichlorobenzene	95-50-1	NS	0.5	<1.2	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,2-Dichloroethane	107-06-2	NS	0.4	<0.9	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	**2.29**		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,2-dichloropropane	78-87-5	NS	0.4	<1.6	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	0.4	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,3,5-Trimethylbenzene	108-67-8	NS	3.9	3.7	ug/m3	1.23		1.13		1.13		1.63		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,3-Butadiene	106-99-0	NS	NL	<3.0	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,3-Dichlorobenzene	541-73-1	NS	0.5	<2.4	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,4-Dichlorobenzene	106-46-7	NS	1.2	5.5	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
1,4-Dioxane	123-91-1	NS	NL	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
2-Hexanone(MBK)	591-78-6	NS	NL	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
4-Ethyltoluene	622-96-8	NS	NL	3.6	ug/m3	3.24		3.38		3.51		**4**		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
4-Isopropyltoluene	99-87-6	NS	NL	NL	ug/m3	2.15		< 1.00	U	< 1.00	U	1.52		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	1.67		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
4-Methyl-2-pentanone(MIBK)	108-10-1	NS	NL	6.0	ug/m3	< 1.00	U	1.46		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	1.69		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Acetone	67-64-1	NS	115	98.9	ug/m3	**188**	E	87.4		**152**	E	87.4		**234**	E	32.3		**152**	E	30.6		53.2		82.9		**149**	E	39.6		**102**	E
Acrylonitrile	107-13-1	NS	NL	NL	ug/m3	< 1.00	U	< 1.00	U	5.16		< 1.00	U	3.93		< 1.00	U	1.63		< 1.00	U	< 1.00	U	< 1.00	U	2.65		< 1.00	U	1.36	
Benzene	71-43-2	NS	13	9.4	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	1.46		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Benzyl chloride	100-44-7	NS	NL	<6.8	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Bromodichloromethane	75-27-4	NS	NL	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Bromoform	75-25-2	NS	NL	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Bromomethane	74-83-9	NS	0.5	<1.7	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Carbon Disulfide	75-15-0	NS	NL	4.2	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Carbon Tetrachloride	56-23-5	NS	1.3	<1.3	ug/m3	0.38		0.39		0.41		**2.48**		0.53		0.51		0.4		0.38		0.55		0.42		0.41		0.46		0.36	
Chlorobenzene	108-90-7	NS	0.4	<0.9	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Chloroethane	75-00-3	NS	0.4	<1.1	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Chloroform	67-66-3	NS	1.2	1.1	ug/m3	< 1.00	U	< 1.00	U	**1.48**		**12.6**		**5.37**		1.07		< 1.00	U	< 1.00	U	**2.19**		**2.34**		< 1.00	U	**2.27**		< 1.00	U
Chloromethane	74-87-3	NS	4.2	3.7	ug/m3	1.46		1.37		1.35		1.67		1.78		1.55		1.46		1.54		1.72		1.54		1.48		1.38		1.2	
Cis-1,2-Dichloroethene	156-59-2	NS	0.4	<1.9	ug/m3	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U
cis-1,3-Dichloropropene	10061-01-5	NS	0.4	<2.3	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Cyclohexane	110-82-7	NS	6.3	NL	ug/m3	< 1.00	U	2.11		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	1.5		< 1.00	U
Dibromochloromethane	124-48-1	NS	NL	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Dichlorodifluoromethane	75-71-8	NS	NL	16.5	ug/m3	1.94		2.08		2.05		2.09		2.13		2.17		2.13		2.2		2.42		2.35		2.02		1.96		2.08	
Ethanol	64-17-5	NS	1,300	210	ug/m3	2050	E	1310	E	721	E	904	E	3940	E	846	E	1500	E	360	E	522	E	580	E	708	E	1100	E	93.4	E
Ethyl acetate	141-78-6	NS	NL	5.4	ug/m3	4.14		1.51		2.13		**18.8**		**16.3**		3.96		3.34		2.74		2.34		3.64		3.64		**9.18**		< 1.00	U
Ethylbenzene	100-41-4	NS	6.4	5.7	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	**8.42**		1.07		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	1.42		< 1.00	U
Heptane	142-82-5	NS	18	NL	ug/m3	1.06		< 1.00	U	< 1.00	U	9.7		3.68		1.19		< 1.00	U	< 1.00	U	1.24		< 1.00	U	< 1.00	U	1.08		< 1.00	U
Hexachlorobutadiene	87-68-3	NS	NL	<6.8	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Hexane	110-54-3	NS	NL	10.2	ug/m3	1		1.05		< 1.00	U	1.13		1.28		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	2.14		< 1.00	U
Isooctane	540-84-1	NS	5.0	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	1.3		< 1.00	U	< 1.00	U	< 1.00	U
Isopropylalcohol	67-63-0	NS	NL	NL	ug/m3	1040	E	452	E	300	E	20.4		62.6		31.7		33.9		70		46.2		56		42.7		66.3		11.8	
Isopropylbenzene	98-82-8	NS	0.8	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
m,p-Xylene	179601-23-1	NS	11	22.2	ug/m3	2.33		1.29		1.14		**39.5**		3.74		2.52		1.01		< 1.00	U	2.05		1.41		1.48		5.55		< 1.00	U
Methyl Ethyl Ketone	78-93-3	NS	16	NL	ug/m3	3.04		2.16		3.09		3.8		6.84		2.88		4.16		4.27		5.75		3.01		3.04		2.42		1.87	
Methyl tert-butyl ether(MTBE)	1634-04-4	NS	14	11.5	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Methylene Chloride	75-09-2	60	16	10.0	ug/m3	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U	< 3.00	U
Naphthalene	91-20-3	NS	NL	5.1	ug/m3	1.05		< 1.05	U	< 1.05	U	1.3		1.39		4.16		< 1.05	U	< 1.05	U	1.17		< 1.05	U	1.27		1.19		< 1.05	U
n-Butylbenzene	104-51-8	NS	1.1	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	**1.32**		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
o-Xylene	95-47-6	NS	7.1	7.9	ug/m3	1.14		< 1.00	U	< 1.00	U	**12.2**		1.5		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	1.73		< 1.00	U
Propylene	115-07-1	NS	NL	NL	ug/m3	2.25		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
sec-Butylbenzene	135-98-8	NS	1.2	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U

Table 1 - Vapor Intrusion Analytical Results 100 South 4th Street
Brooklyn, New York
IEC #13817-01

Styrene	100-42-5	NS	1.4	1.3	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	**3.37**		**1.49**		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	**3.08**		< 1.00	U
Tetrachloroethene	127-18-4	30	2.5	6.5	ug/m3	0.26		0.25		< 0.25	U	0.32		0.43		0.43		0.62		0.35		0.54		0.3		0.45		0.39		< 0.25	U
Tetrahydrofuran	109-99-9	NS	0.8	NL	ug/m3	**1.91**		< 1.00	U	**1.66**		**10.9**		**1.14**		**1.47**		**4.24**		**2.98**		**1.05**		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Toluene	108-88-3	NS	57	33.7	ug/m3	3.45		2.79		3.25		16.6		5.24		3.8		2.89		3.3		4.33		3.46		3.6		2.94		1.95	
Trans-1,2-Dichloroethene	156-60-5	NS	NL	NL	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
trans-1,3-Dichloropropene	10061-02-6	NS	NC	<1.4	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Trichloroethene	79-01-6	2	0.5	1.3	ug/m3	0.27		< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U
Trichlorofluoromethane	75-69-4	NS	5.1	4.3	ug/m3	< 1.00	U	< 1.00	U	1.07		< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	1.71		< 1.00	U
Trichlorotrifluoroethane	76-13-1	NS	NL	1.6	ug/m3	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U	< 1.00	U
Vinyl Chloride	75-01-4	NS	0.4	<1.8	ug/m3	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U	< 0.20	U

NOTES:
NYSDOH AGV: NYSDOH Air Guidance Values, Table 3.1 of the October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York, as updated September 2013 (tetrachloroethene) and August 2015 (trichloroethene).

NYSDOH Upper Fence: upper fence indoor air values, Appendix C, Table C.1 (NYSDOH 2003 Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes). Residential dataset; most directly applicable to the residential portion of the building.

USEPA BASE 90th Percentile: 90th percentile indoor air values, Appendix C, Table C.2 (USEPA 2001 Building Assessment and Survey Evaluation database, SUMMA canister method). Commercial/office dataset; most directly applicable to the commercial portions of the building.

NS - No value established for this compound in Table 3.1. NL - Compound is not listed in the referenced Appendix C table. NC - Upper fence Not calculated.
U - Analyte not detected at or above the level indicated. E - Result is estimated and cannot be accurately reported due to levels encountered or interferences.
Bold with shading - result exceeds the NYSDOH Air Guidance Value, the NYSDOH Upper Fence value and/or the USEPA BASE 90th percentile background concentration.
Where an Appendix C background value is reported as a non-detect (shown as < value), comparison is made to the reported detection limit.
Polychlorinated biphenyls and tetrachlorodibenzo-p-dioxin equivalents were not identified as contaminants of concern and were not tested.

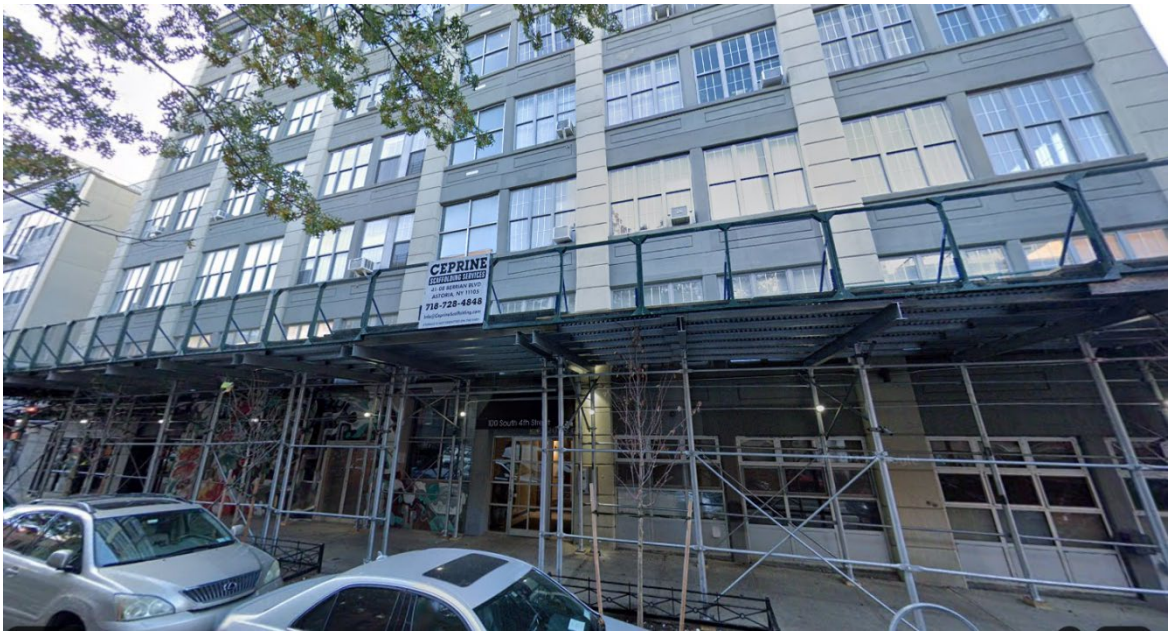
Attachment 1

Photographic Log

100 South 4th Street, Brooklyn, New York



Photograph No. 1: View of the Subject Property.



Photograph No. 2: View of the main entrance to the residential portion of the Subject Property along South 4th Street



Photograph No. 3: View of the lobby area of the residential portion of the Subject Property facing South 4th Street.



Photograph No. 4: Additional view of the lobby area of the residential portion of the Subject Property.



Photograph No. 5: View of the interior of one of the commercial spaces occupied by a hair salon (western portion of Subject Property).



Photograph No. 6: View of the interior of a commercial space occupied by a restaurant (eastern portion of Subject Property).



Photograph No. 7: View of the interior of catering establishment (western portion of Subject Property).



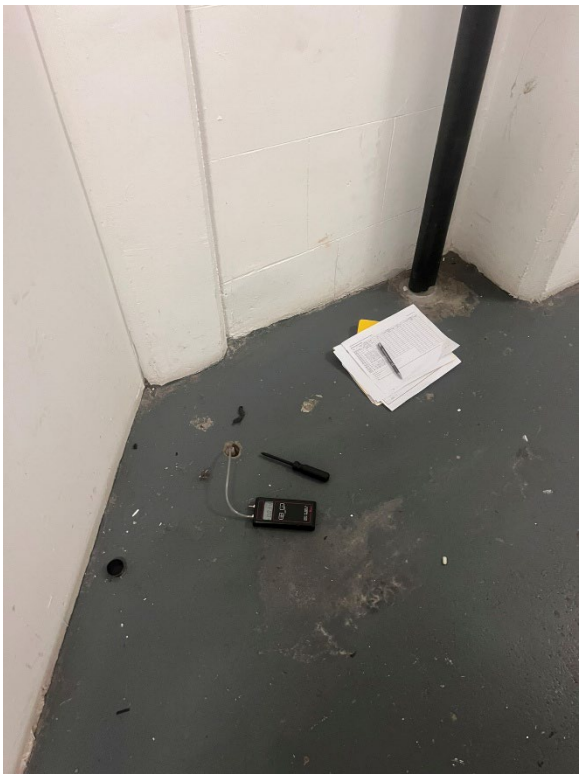
Photograph No. 8: View of the interior of one of the apartments located in the residential portion of the Subject Property..



Photograph No. 9: View of indoor air sample IA-4H located south of the elevators.



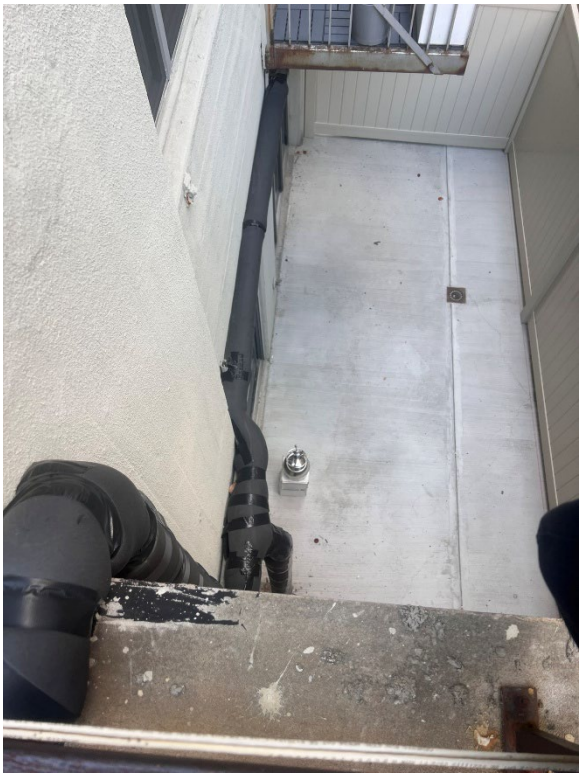
Photograph No. 10: View of outdoor ambient air located in the southern portion of the Subject Property..



Photograph No. 11: View of differential pressure measurements being collected from one of the testing points located within the residential portion of the Subject Property..



Photograph No. 12: View of manometer located in the middle area of the Subject Property..



Photograph No. 13: View of exterior piping associated with SSDS.



Photograph No. 14: Additional view of exterior piping associated with SSDS (properly insulated).



Photograph No. 15: View of roof fans located on the western portion of the Subject Property..



Photograph No. 16: View of airflow readings collected from one of the roof fans associated with the SSDS.



Photograph No. 17: View of PID readings of 0.2 ppm within the restaurant area.



Photograph No. 18: View of PID readings of 0.1 ppm within the catering area..



Photograph No. 19: View of PID readings of 0.2 ppm within the hair salon portion of the Subject Property. .



Photograph No. 20: View of PID readings of 0.2 ppm within the residential portion of the Subject Property..



Photograph No. 21: View of PID readings of 0.0 ppm collected in the exterior area of the building..



Photograph No. 22: View of construction and cleaning supplies storage area within the maintenance office.



Photograph No. 23: View of flammable liquid storage cabinet located within the maintenance office.



Photograph No. 24: View of cleaning supplies stored in the rear portion of the hair salon (western portion of Subject Property).



Photograph No. 25: View of cleaning supplies storage room within the catering store..



Photograph No. 26: View of cleaning supplies stored in the backyard area of the restaurant (eastern portion of Subject Property).



Photograph No. 29: View of the fire pump room located in the middle portion of the residential area of the Subject Property..

Attachment 2

NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form

100 South 4th Street, Brooklyn, New York

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

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

Preparer's Name Luis Maldonado Date/Time Prepared 3/26/26

Preparer's Affiliation Impact Environmental Phone No. 201-268-5686

Purpose of Investigation SVI Evaluation

1. OCCUPANT: (building manager)

Interviewed: (Y) / N

Last Name: Mendes First Name: Charles

Address: 100 South 4th ST.

County: Brooklyn

Home Phone: _____ Office Phone: 917-938-3199

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

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

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

(Residential) School (Commercial/Multi-use)
Industrial Church Other: _____

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

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

If multiple units, how many? 74

If the property is commercial, type?

Business Type(s) Hair Salon, fitness, restaurant.

Does it include residences (i.e., multi-use)? (Y) / N If yes, how many? 74 units

Other characteristics:

Number of floors 7 Building age ± 80 years old

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

4. AIRFLOW

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

Airflow between floors

N/A

Airflow near source

Outdoor air infiltration

none.

Infiltration into air ducts

N/A

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

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

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

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

Floor drains in commercial and residential areas

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

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

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

Each unit has a heating unit (gas)

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: electric, each unit has a water heater

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other each unit.
Air conditioning:	Central Air	(Window units)	Open Windows	None each unit.

Are there air distribution ducts present? Y / (N)

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

N/A

7. OCCUPANCY N/A

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

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A
1st Floor	apartment units, utility room, maintenance office
2nd Floor	apartment units
3rd Floor	a "
4th Floor	"

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type?_____

g. Is there smoking in the building? Y / N How frequently? unknown

h. Have cleaning products been used recently? (Y) / N When & Type? Tenants were notified about indoor air sampling

i. Have cosmetic products been used recently? Y / N When & Type? unknown

j. Has painting/staining been done in the last 6 months? (Y) / N Where & When? regularly, as needed

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? unknown

m. Is there a kitchen exhaust fan? (Y) / N If yes, where vented? each unit.

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? each unit

o. Is there a clothes dryer? (Y) / N If yes, is it vented outside? (Y) / N

p. Has there been a pesticide application? Y / N When & Type? unknown.

Are there odors in the building? (Y) / N
If yes, please describe: cleaning products.

Do any of the building occupants use solvents at work? Y / N unknown.
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

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

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
(Unknown)

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

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

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

10. RELOCATION INFORMATION (for oil spill residential emergency) N/A

a. Provide reasons why relocation is recommended: _____

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

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

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

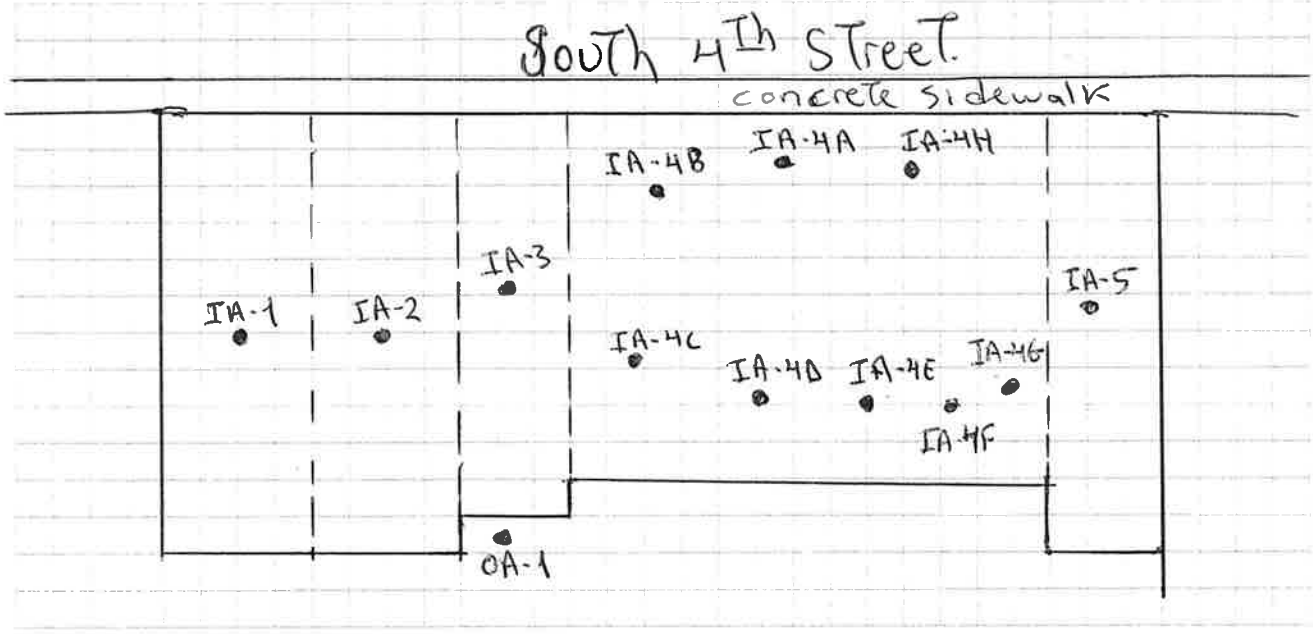
11. FLOOR PLANS

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

Basement:

no basement.

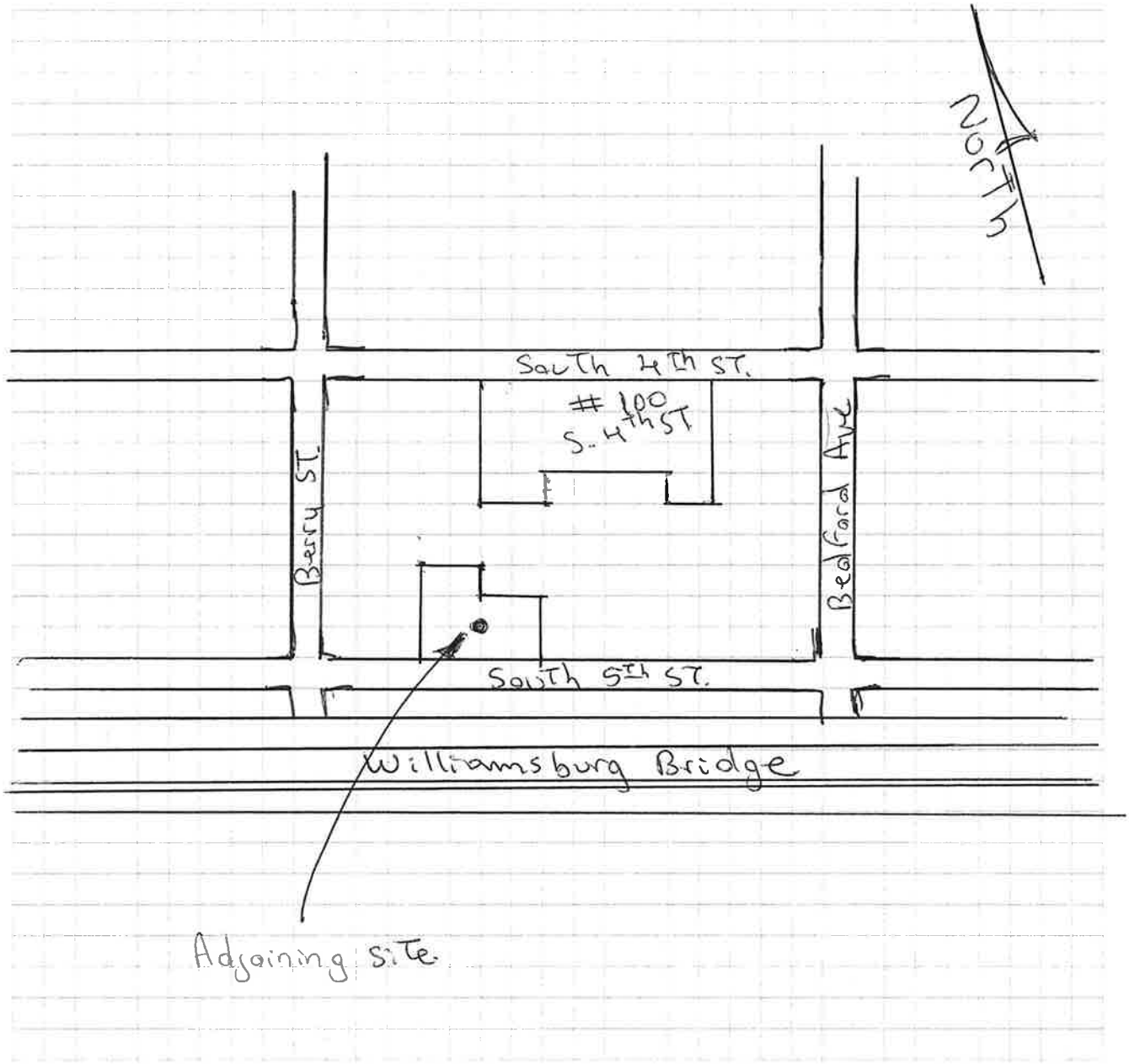
First Floor:



12. OUTDOOR PLOT

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

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



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini RAE 3000

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** (Y) / N
office.	DAP Silicone/ Caulk	32	open/ new good	see website	0.0	Y
office (flamable cabinet)	WD-40	7	good	"	0.0	Y
office shelves	USG Joint Compound	2	good	"	0.0	Y
"	Bondo wood filler	5	good	"	0.0	Y
"	Klean Strip Paint Thinner	24	good	"	0.0	Y
"	Husky Compressor oil	1	good.	"	0.0	Y
"	Kilz Interior paint	2	good	"	0.0	Y
"	Bar Keeper friend Cooking ware cleaner	1	good	"	0.0	Y
"	Olympic water Guard	2	good	"	0.0	Y
"	Tomcat Rodent Repellent	2	good	"	0.0	Y
"	Pro Finisher polyurethane	9	good	"	0.0	Y
"	Pro Easy off Oven cleaner	2	good	"	0.0	Y
flamable Cabinet	Klean Strip Xylene	1	good	"	0.0	Y
"	Klean Strip Turpentine	1	good	"	0.9	Y
"	RustOleum Spray paint	16	good	"	0.6	Y
"	Klean Strip Acetone	1	good	"	0.6	Y
"	Sievert Propylene	5	good	"	0.9	Y
"	Bernzomatic Propane	4	good	"	0.6	Y
"	Bondo Fiberglass resin	2	good	"	0.8	Y
"	Febreze	32	good	"	0.0	Y

* 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.

Attachment 3

Laboratory Analytical Report

100 South 4th Street, Brooklyn, New York

Wednesday, April 01, 2026

Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Project ID: **100 SOUTH 4TH ST BROOKLYN**
SDG ID: **GCV62400**
Sample ID#s: CV62400 - CV62412

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

April 01, 2026

SDG I.D.: GCV62400

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete Data package report with all forms and raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

April 01, 2026

SDG I.D.: GCV62400

Project ID: 100 SOUTH 4TH ST BROOKLYN

Client Id	Lab Id	Matrix	Col Date
IA-4F	CV62400	AIR	03/26/26 11:00
IA-4H	CV62401	AIR	03/26/26 11:20
IA-4B	CV62402	AIR	03/26/26 10:15
IA-4C	CV62403	AIR	03/26/26 10:40
IA-I	CV62404	AIR	03/26/26 9:35
IA-4G	CV62405	AIR	03/26/26 11:05
IA-5	CV62406	AIR	03/26/26 8:45
IA-2	CV62407	AIR	03/26/26 13:00
IA-4E	CV62408	AIR	03/26/26 10:55
IA-3	CV62409	AIR	03/26/26 8:50
IA-4D	CV62410	AIR	03/26/26 10:00
OA-1	CV62411	AIR	03/26/26 10:30
IA-4A	CV62412	AIR	03/26/26 10:45

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	11:00
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	7640				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62400

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4F

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/30/26	LD	1	
1,2,4-Trimethylbenzene	0.224	*0.204*	0.204	1.10	*1.00*	1.00	03/30/26	LD	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/30/26	LD	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Isopropyltoluene	0.305	*0.182*	0.182	1.67	*1.00*	1.00	03/30/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	0.412	*0.244*	0.244	1.69	*1.00*	1.00	03/30/26	LD	1	
Acetone	22.4	*0.421*	0.421	53.2	*1.00*	1.00	03/30/26	LD	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/30/26	LD	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/30/26	LD	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62400
Client ID: IA-4F

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/30/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/30/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Tetrachloride	0.088		*0.032*	0.032	0.55	*0.20*	0.20	03/30/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroform	0.448		*0.205*	0.205	2.19	*1.00*	1.00	03/30/26	LD	1	
Chloromethane	0.833		*0.485*	0.485	1.72	*1.00*	1.00	03/30/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/30/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/30/26	LD	1	
Dichlorodifluoromethane	0.489		*0.202*	0.202	2.42	*1.00*	1.00	03/30/26	LD	1	
Ethanol	277	E	*0.531*	0.531	522	*1.00*	1.00	03/30/26	LD	1	1
Ethyl acetate	0.651		*0.278*	0.278	2.34	*1.00*	1.00	03/30/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/30/26	LD	1	
Heptane	0.302		*0.244*	0.244	1.24	*1.00*	1.00	03/30/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/30/26	LD	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/30/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/30/26	LD	1	
Isopropylalcohol	18.8		*0.407*	0.407	46.2	*1.00*	1.00	03/30/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
m,p-Xylene	0.472		*0.230*	0.230	2.05	*1.00*	1.00	03/30/26	LD	1	
Methyl Ethyl Ketone	1.95		*0.339*	0.339	5.75	*1.00*	1.00	03/30/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/30/26	LD	1	
Naphthalene	0.224		*0.200*	0.200	1.17	*1.05*	1.05	03/30/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/30/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/30/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/30/26	LD	1	
Tetrachloroethene	0.080		*0.037*	0.037	0.54	*0.25*	0.25	03/30/26	LD	1	
Tetrahydrofuran	0.357		*0.339*	0.339	1.05	*1.00*	1.00	03/30/26	LD	1	1
Toluene	1.15		*0.266*	0.266	4.33	*1.00*	1.00	03/30/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/30/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/30/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/30/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/30/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/30/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	97		*%*	%	97	*%*	%	03/30/26	LD	1	
% IS-1,4-Difluorobenzene	95		*%*	%	95	*%*	%	03/30/26	LD	1	
% IS-Bromochloromethane	96		*%*	%	96	*%*	%	03/30/26	LD	1	
% IS-Chlorobenzene-d5	100		*%*	%	100	*%*	%	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62400

Client ID: IA-4F

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	11:20
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	52486				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62401

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4H

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	1
1,1,1-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/30/26	LD	1	
1,2,4-Trimethylbenzene	0.205		*0.204*	0.204	1.01	*1.00*	1.00	03/30/26	LD	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/30/26	LD	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Ethyltoluene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	
Acetone	62.9	E	*0.421*	0.421	149	*1.00*	1.00	03/30/26	LD	1	
Acrylonitrile	1.22		*0.461*	0.461	2.65	*1.00*	1.00	03/30/26	LD	1	
Benzene	ND		*0.313*	0.313	ND	*1.00*	1.00	03/30/26	LD	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4H

Phoenix I.D.: CV62401

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/30/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/30/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Tetrachloride	0.066		*0.032*	0.032	0.41	*0.20*	0.20	03/30/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/30/26	LD	1	
Chloromethane	0.715		*0.485*	0.485	1.48	*1.00*	1.00	03/30/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/30/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/30/26	LD	1	
Dichlorodifluoromethane	0.409		*0.202*	0.202	2.02	*1.00*	1.00	03/30/26	LD	1	
Ethanol	376	E	*0.531*	0.531	708	*1.00*	1.00	03/30/26	LD	1	1
Ethyl acetate	1.01		*0.278*	0.278	3.64	*1.00*	1.00	03/30/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/30/26	LD	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/30/26	LD	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/30/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/30/26	LD	1	
Isopropylalcohol	17.4		*0.407*	0.407	42.7	*1.00*	1.00	03/30/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
m,p-Xylene	0.340		*0.230*	0.230	1.48	*1.00*	1.00	03/30/26	LD	1	
Methyl Ethyl Ketone	1.03		*0.339*	0.339	3.04	*1.00*	1.00	03/30/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/30/26	LD	1	
Naphthalene	0.242		*0.200*	0.200	1.27	*1.05*	1.05	03/30/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/30/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/30/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/30/26	LD	1	
Tetrachloroethene	0.066		*0.037*	0.037	0.45	*0.25*	0.25	03/30/26	LD	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/30/26	LD	1	1
Toluene	0.955		*0.266*	0.266	3.60	*1.00*	1.00	03/30/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/30/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/30/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/30/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/30/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/30/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	98		*%*	%	98	*%*	%	03/30/26	LD	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/30/26	LD	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/30/26	LD	1	
% IS-Chlorobenzene-d5	104		*%*	%	104	*%*	%	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62401

Client ID: IA-4H

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	10:15
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21341				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62402

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4B

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	1
1,1,1-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/30/26	LD	1	
1,2,4-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichloroethane	0.567		*0.247*	0.247	2.29	*1.00*	1.00	03/30/26	LD	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/30/26	LD	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Ethyltoluene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	
Acetone	98.6	E	*0.421*	0.421	234	*1.00*	1.00	03/30/26	LD	1	
Acrylonitrile	1.81		*0.461*	0.461	3.93	*1.00*	1.00	03/30/26	LD	1	
Benzene	0.458		*0.313*	0.313	1.46	*1.00*	1.00	03/30/26	LD	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYN
Phoenix I.D.: CV62402
Client ID: IA-4B

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/30/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/30/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Tetrachloride	0.084		*0.032*	0.032	0.53	*0.20*	0.20	03/30/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroform	1.10		*0.205*	0.205	5.37	*1.00*	1.00	03/30/26	LD	1	
Chloromethane	0.861		*0.485*	0.485	1.78	*1.00*	1.00	03/30/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/30/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/30/26	LD	1	
Dichlorodifluoromethane	0.431		*0.202*	0.202	2.13	*1.00*	1.00	03/30/26	LD	1	
Ethanol	2090	E	*0.531*	0.531	3940	*1.00*	1.00	03/30/26	LD	1	1
Ethyl acetate	4.53		*0.278*	0.278	16.3	*1.00*	1.00	03/30/26	LD	1	1
Ethylbenzene	0.247		*0.230*	0.230	1.07	*1.00*	1.00	03/30/26	LD	1	
Heptane	0.898		*0.244*	0.244	3.68	*1.00*	1.00	03/30/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/30/26	LD	1	
Hexane	0.364		*0.284*	0.284	1.28	*1.00*	1.00	03/30/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/30/26	LD	1	
Isopropylalcohol	25.5		*0.407*	0.407	62.6	*1.00*	1.00	03/30/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
m,p-Xylene	0.861		*0.230*	0.230	3.74	*1.00*	1.00	03/30/26	LD	1	
Methyl Ethyl Ketone	2.32		*0.339*	0.339	6.84	*1.00*	1.00	03/30/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/30/26	LD	1	
Naphthalene	0.265		*0.200*	0.200	1.39	*1.05*	1.05	03/30/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
o-Xylene	0.345		*0.230*	0.230	1.50	*1.00*	1.00	03/30/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/30/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
Styrene	0.350		*0.235*	0.235	1.49	*1.00*	1.00	03/30/26	LD	1	
Tetrachloroethene	0.064		*0.037*	0.037	0.43	*0.25*	0.25	03/30/26	LD	1	
Tetrahydrofuran	0.387		*0.339*	0.339	1.14	*1.00*	1.00	03/30/26	LD	1	1
Toluene	1.39		*0.266*	0.266	5.24	*1.00*	1.00	03/30/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/30/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/30/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/30/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/30/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/30/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/30/26	LD	1	
% IS-1,4-Difluorobenzene	99		*%*	%	99	*%*	%	03/30/26	LD	1	
% IS-Bromochloromethane	98		*%*	%	98	*%*	%	03/30/26	LD	1	
% IS-Chlorobenzene-d5	107		*%*	%	107	*%*	%	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62402

Client ID: IA-4B

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	10:40
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53538				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62403

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4C

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/30/26	LD	1	
1,2,4-Trimethylbenzene	0.230	*0.204*	0.204	1.13	*1.00*	1.00	03/30/26	LD	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/30/26	LD	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	
Acetone	13.6	*0.421*	0.421	32.3	*1.00*	1.00	03/30/26	LD	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/30/26	LD	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/30/26	LD	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYN
Phoenix I.D.: CV62403
Client ID: IA-4C

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/30/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/30/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Tetrachloride	0.081		*0.032*	0.032	0.51	*0.20*	0.20	03/30/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroform	0.220		*0.205*	0.205	1.07	*1.00*	1.00	03/30/26	LD	1	
Chloromethane	0.750		*0.485*	0.485	1.55	*1.00*	1.00	03/30/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/30/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/30/26	LD	1	
Dichlorodifluoromethane	0.440		*0.202*	0.202	2.17	*1.00*	1.00	03/30/26	LD	1	
Ethanol	449	E	*0.531*	0.531	846	*1.00*	1.00	03/30/26	LD	1	1
Ethyl acetate	1.10		*0.278*	0.278	3.96	*1.00*	1.00	03/30/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/30/26	LD	1	
Heptane	0.291		*0.244*	0.244	1.19	*1.00*	1.00	03/30/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/30/26	LD	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/30/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/30/26	LD	1	
Isopropylalcohol	12.9		*0.407*	0.407	31.7	*1.00*	1.00	03/30/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
m,p-Xylene	0.581		*0.230*	0.230	2.52	*1.00*	1.00	03/30/26	LD	1	
Methyl Ethyl Ketone	0.976		*0.339*	0.339	2.88	*1.00*	1.00	03/30/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/30/26	LD	1	
Naphthalene	0.796		*0.200*	0.200	4.16	*1.05*	1.05	03/30/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/30/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/30/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/30/26	LD	1	
Tetrachloroethene	0.064		*0.037*	0.037	0.43	*0.25*	0.25	03/30/26	LD	1	
Tetrahydrofuran	0.500		*0.339*	0.339	1.47	*1.00*	1.00	03/30/26	LD	1	1
Toluene	1.01		*0.266*	0.266	3.80	*1.00*	1.00	03/30/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/30/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/30/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/30/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/30/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/30/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/30/26	LD	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/30/26	LD	1	
% IS-Bromochloromethane	98		*%*	%	98	*%*	%	03/30/26	LD	1	
% IS-Chlorobenzene-d5	104		*%*	%	104	*%*	%	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62403

Client ID: IA-4C

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	9:35
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21333				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62404

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-I

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	1
1,1,1-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/30/26	LD	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,1-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/30/26	LD	1	
1,2,4-Trimethylbenzene	0.757		*0.204*	0.204	3.72	*1.00*	1.00	03/30/26	LD	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/30/26	LD	1	
1,3,5-Trimethylbenzene	0.250		*0.204*	0.204	1.23	*1.00*	1.00	03/30/26	LD	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/30/26	LD	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/30/26	LD	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	1
4-Ethyltoluene	0.659		*0.204*	0.204	3.24	*1.00*	1.00	03/30/26	LD	1	1
4-Isopropyltoluene	0.392		*0.182*	0.182	2.15	*1.00*	1.00	03/30/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/30/26	LD	1	
Acetone	79.3	E	*0.421*	0.421	188	*1.00*	1.00	03/30/26	LD	1	
Acrylonitrile	ND		*0.461*	0.461	ND	*1.00*	1.00	03/30/26	LD	1	
Benzene	ND		*0.313*	0.313	ND	*1.00*	1.00	03/30/26	LD	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Client ID: IA-I

Phoenix I.D.: CV62404

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/30/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/30/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/30/26	LD	1	
Carbon Tetrachloride	0.060		*0.032*	0.032	0.38	*0.20*	0.20	03/30/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/30/26	LD	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/30/26	LD	1	
Chloromethane	0.708		*0.485*	0.485	1.46	*1.00*	1.00	03/30/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/30/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/30/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/30/26	LD	1	
Dichlorodifluoromethane	0.392		*0.202*	0.202	1.94	*1.00*	1.00	03/30/26	LD	1	
Ethanol	1090	E	*0.531*	0.531	2050	*1.00*	1.00	03/30/26	LD	1	1
Ethyl acetate	1.15		*0.278*	0.278	4.14	*1.00*	1.00	03/30/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/30/26	LD	1	
Heptane	0.259		*0.244*	0.244	1.06	*1.00*	1.00	03/30/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/30/26	LD	1	
Hexane	0.285		*0.284*	0.284	1.00	*1.00*	1.00	03/30/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/30/26	LD	1	
Isopropylalcohol	423	E	*0.407*	0.407	1040	*1.00*	1.00	03/30/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/30/26	LD	1	
m,p-Xylene	0.536		*0.230*	0.230	2.33	*1.00*	1.00	03/30/26	LD	1	
Methyl Ethyl Ketone	1.03		*0.339*	0.339	3.04	*1.00*	1.00	03/30/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/30/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/30/26	LD	1	
Naphthalene	0.200		*0.200*	0.200	1.05	*1.05*	1.05	03/30/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
o-Xylene	0.262		*0.230*	0.230	1.14	*1.00*	1.00	03/30/26	LD	1	
Propylene	1.31		*0.581*	0.581	2.25	*1.00*	1.00	03/30/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/30/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/30/26	LD	1	
Tetrachloroethene	0.039		*0.037*	0.037	0.26	*0.25*	0.25	03/30/26	LD	1	
Tetrahydrofuran	0.648		*0.339*	0.339	1.91	*1.00*	1.00	03/30/26	LD	1	1
Toluene	0.915		*0.266*	0.266	3.45	*1.00*	1.00	03/30/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/30/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/30/26	LD	1	
Trichloroethene	0.050		*0.037*	0.037	0.27	*0.20*	0.20	03/30/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/30/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/30/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/30/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/30/26	LD	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/30/26	LD	1	
% IS-Bromochloromethane	96		*%*	%	96	*%*	%	03/30/26	LD	1	
% IS-Chlorobenzene-d5	101		*%*	%	101	*%*	%	03/30/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62404
Client ID: IA-I

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 01, 2026
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	11:05
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	11288				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62405

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4G

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/31/26	LD	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/31/26	LD	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Acetone	34.9	*0.421*	0.421	82.9	*1.00*	1.00	03/31/26	LD	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/31/26	LD	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/31/26	LD	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Client ID: IA-4G

Phoenix I.D.: CV62405

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/31/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/31/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Tetrachloride	0.067		*0.032*	0.032	0.42	*0.20*	0.20	03/31/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroform	0.479		*0.205*	0.205	2.34	*1.00*	1.00	03/31/26	LD	1	
Chloromethane	0.746		*0.485*	0.485	1.54	*1.00*	1.00	03/31/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/31/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/31/26	LD	1	
Dichlorodifluoromethane	0.476		*0.202*	0.202	2.35	*1.00*	1.00	03/31/26	LD	1	
Ethanol	308	E	*0.531*	0.531	580	*1.00*	1.00	03/31/26	LD	1	1
Ethyl acetate	1.01		*0.278*	0.278	3.64	*1.00*	1.00	03/31/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/31/26	LD	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/31/26	LD	1	
Isooctane	0.278		*0.215*	0.215	1.30	*1.00*	1.00	03/31/26	LD	1	
Isopropylalcohol	22.8		*0.407*	0.407	56.0	*1.00*	1.00	03/31/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
m,p-Xylene	0.325		*0.230*	0.230	1.41	*1.00*	1.00	03/31/26	LD	1	
Methyl Ethyl Ketone	1.02		*0.339*	0.339	3.01	*1.00*	1.00	03/31/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/31/26	LD	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/31/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/31/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/31/26	LD	1	
Tetrachloroethene	0.044		*0.037*	0.037	0.30	*0.25*	0.25	03/31/26	LD	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/31/26	LD	1	1
Toluene	0.918		*0.266*	0.266	3.46	*1.00*	1.00	03/31/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/31/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/31/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/31/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/31/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/31/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	101		*%*	%	101	*%*	%	03/31/26	LD	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/31/26	LD	1	
% IS-Bromochloromethane	99		*%*	%	99	*%*	%	03/31/26	LD	1	
% IS-Chlorobenzene-d5	104		*%*	%	104	*%*	%	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62405

Client ID: IA-4G

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	8:45
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	52491				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62406

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/31/26	LD	1	
1,2,4-Trimethylbenzene	0.220	*0.204*	0.204	1.08	*1.00*	1.00	03/31/26	LD	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/31/26	LD	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Acetone	16.7	*0.421*	0.421	39.6	*1.00*	1.00	03/31/26	LD	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/31/26	LD	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/31/26	LD	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62406
Client ID: IA-5

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/31/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/31/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Tetrachloride	0.073		*0.032*	0.032	0.46	*0.20*	0.20	03/31/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroform	0.465		*0.205*	0.205	2.27	*1.00*	1.00	03/31/26	LD	1	
Chloromethane	0.669		*0.485*	0.485	1.38	*1.00*	1.00	03/31/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Cyclohexane	0.437		*0.291*	0.291	1.50	*1.00*	1.00	03/31/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/31/26	LD	1	
Dichlorodifluoromethane	0.396		*0.202*	0.202	1.96	*1.00*	1.00	03/31/26	LD	1	
Ethanol	583	E	*0.531*	0.531	1100	*1.00*	1.00	03/31/26	LD	1	1
Ethyl acetate	2.55		*0.278*	0.278	9.18	*1.00*	1.00	03/31/26	LD	1	1
Ethylbenzene	0.328		*0.230*	0.230	1.42	*1.00*	1.00	03/31/26	LD	1	
Heptane	0.263		*0.244*	0.244	1.08	*1.00*	1.00	03/31/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/31/26	LD	1	
Hexane	0.608		*0.284*	0.284	2.14	*1.00*	1.00	03/31/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/31/26	LD	1	
Isopropylalcohol	27.0		*0.407*	0.407	66.3	*1.00*	1.00	03/31/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
m,p-Xylene	1.28		*0.230*	0.230	5.55	*1.00*	1.00	03/31/26	LD	1	
Methyl Ethyl Ketone	0.822		*0.339*	0.339	2.42	*1.00*	1.00	03/31/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/31/26	LD	1	
Naphthalene	0.228		*0.200*	0.200	1.19	*1.05*	1.05	03/31/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
o-Xylene	0.399		*0.230*	0.230	1.73	*1.00*	1.00	03/31/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/31/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
Styrene	0.724		*0.235*	0.235	3.08	*1.00*	1.00	03/31/26	LD	1	
Tetrachloroethene	0.058		*0.037*	0.037	0.39	*0.25*	0.25	03/31/26	LD	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/31/26	LD	1	1
Toluene	0.781		*0.266*	0.266	2.94	*1.00*	1.00	03/31/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/31/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/31/26	LD	1	
Trichlorofluoromethane	0.304		*0.178*	0.178	1.71	*1.00*	1.00	03/31/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/31/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/31/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/31/26	LD	1	
% IS-1,4-Difluorobenzene	97		*%*	%	97	*%*	%	03/31/26	LD	1	
% IS-Bromochloromethane	98		*%*	%	98	*%*	%	03/31/26	LD	1	
% IS-Chlorobenzene-d5	102		*%*	%	102	*%*	%	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62406

Client ID: IA-5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	13:00
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	17158				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62407

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/31/26	LD	1	
1,2,4-Trimethylbenzene	0.592	*0.204*	0.204	2.91	*1.00*	1.00	03/31/26	LD	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/31/26	LD	1	
1,3,5-Trimethylbenzene	0.229	*0.204*	0.204	1.13	*1.00*	1.00	03/31/26	LD	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Ethyltoluene	0.688	*0.204*	0.204	3.38	*1.00*	1.00	03/31/26	LD	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	0.356	*0.244*	0.244	1.46	*1.00*	1.00	03/31/26	LD	1	
Acetone	36.8	*0.421*	0.421	87.4	*1.00*	1.00	03/31/26	LD	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/31/26	LD	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/31/26	LD	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62407
Client ID: IA-2

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/31/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/31/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Tetrachloride	0.062		*0.032*	0.032	0.39	*0.20*	0.20	03/31/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/31/26	LD	1	
Chloromethane	0.664		*0.485*	0.485	1.37	*1.00*	1.00	03/31/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Cyclohexane	0.612		*0.291*	0.291	2.11	*1.00*	1.00	03/31/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/31/26	LD	1	
Dichlorodifluoromethane	0.420		*0.202*	0.202	2.08	*1.00*	1.00	03/31/26	LD	1	
Ethanol	696	E	*0.531*	0.531	1310	*1.00*	1.00	03/31/26	LD	1	1
Ethyl acetate	0.418		*0.278*	0.278	1.51	*1.00*	1.00	03/31/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/31/26	LD	1	
Hexane	0.299		*0.284*	0.284	1.05	*1.00*	1.00	03/31/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/31/26	LD	1	
Isopropylalcohol	184	E	*0.407*	0.407	452	*1.00*	1.00	03/31/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
m,p-Xylene	0.298		*0.230*	0.230	1.29	*1.00*	1.00	03/31/26	LD	1	
Methyl Ethyl Ketone	0.733		*0.339*	0.339	2.16	*1.00*	1.00	03/31/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/31/26	LD	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/31/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/31/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/31/26	LD	1	
Tetrachloroethene	0.037		*0.037*	0.037	0.25	*0.25*	0.25	03/31/26	LD	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/31/26	LD	1	1
Toluene	0.741		*0.266*	0.266	2.79	*1.00*	1.00	03/31/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/31/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/31/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/31/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/31/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/31/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/31/26	LD	1	
% IS-1,4-Difluorobenzene	96		*%*	%	96	*%*	%	03/31/26	LD	1	
% IS-Bromochloromethane	97		*%*	%	97	*%*	%	03/31/26	LD	1	
% IS-Chlorobenzene-d5	103		*%*	%	103	*%*	%	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62407

Client ID: IA-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	10:55
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23326				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62408

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4E

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/31/26	LD	1	
1,2,4-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/31/26	LD	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Acetone	12.9	*0.421*	0.421	30.6	*1.00*	1.00	03/31/26	LD	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/31/26	LD	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/31/26	LD	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62408
Client ID: IA-4E

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/31/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/31/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Tetrachloride	0.060		*0.032*	0.032	0.38	*0.20*	0.20	03/31/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/31/26	LD	1	
Chloromethane	0.747		*0.485*	0.485	1.54	*1.00*	1.00	03/31/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/31/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/31/26	LD	1	
Dichlorodifluoromethane	0.446		*0.202*	0.202	2.20	*1.00*	1.00	03/31/26	LD	1	
Ethanol	191	E	*0.531*	0.531	360	*1.00*	1.00	03/31/26	LD	1	1
Ethyl acetate	0.761		*0.278*	0.278	2.74	*1.00*	1.00	03/31/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/31/26	LD	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/31/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/31/26	LD	1	
Isopropylalcohol	28.5		*0.407*	0.407	70.0	*1.00*	1.00	03/31/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
m,p-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Methyl Ethyl Ketone	1.45		*0.339*	0.339	4.27	*1.00*	1.00	03/31/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/31/26	LD	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/31/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/31/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/31/26	LD	1	
Tetrachloroethene	0.051		*0.037*	0.037	0.35	*0.25*	0.25	03/31/26	LD	1	
Tetrahydrofuran	1.01		*0.339*	0.339	2.98	*1.00*	1.00	03/31/26	LD	1	1
Toluene	0.875		*0.266*	0.266	3.30	*1.00*	1.00	03/31/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/31/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/31/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/31/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/31/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/31/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	100		*%*	%	100	*%*	%	03/31/26	LD	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	03/31/26	LD	1	
% IS-Bromochloromethane	98		*%*	%	98	*%*	%	03/31/26	LD	1	
% IS-Chlorobenzene-d5	102		*%*	%	102	*%*	%	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62408
Client ID: IA-4E

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 01, 2026
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	8:50
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53524				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62409

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-3

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	1
1,1,1-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/31/26	LD	1	
1,2,4-Trimethylbenzene	0.631		*0.204*	0.204	3.10	*1.00*	1.00	03/31/26	LD	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/31/26	LD	1	
1,3,5-Trimethylbenzene	0.231		*0.204*	0.204	1.13	*1.00*	1.00	03/31/26	LD	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Ethyltoluene	0.714		*0.204*	0.204	3.51	*1.00*	1.00	03/31/26	LD	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Acetone	64.1	E	*0.421*	0.421	152	*1.00*	1.00	03/31/26	LD	1	
Acrylonitrile	2.38		*0.461*	0.461	5.16	*1.00*	1.00	03/31/26	LD	1	
Benzene	ND		*0.313*	0.313	ND	*1.00*	1.00	03/31/26	LD	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62409
Client ID: IA-3

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/31/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/31/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Tetrachloride	0.065		*0.032*	0.032	0.41	*0.20*	0.20	03/31/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroform	0.303		*0.205*	0.205	1.48	*1.00*	1.00	03/31/26	LD	1	
Chloromethane	0.655		*0.485*	0.485	1.35	*1.00*	1.00	03/31/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/31/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/31/26	LD	1	
Dichlorodifluoromethane	0.414		*0.202*	0.202	2.05	*1.00*	1.00	03/31/26	LD	1	
Ethanol	383	E	*0.531*	0.531	721	*1.00*	1.00	03/31/26	LD	1	1
Ethyl acetate	0.592		*0.278*	0.278	2.13	*1.00*	1.00	03/31/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/31/26	LD	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/31/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/31/26	LD	1	
Isopropylalcohol	122	E	*0.407*	0.407	300	*1.00*	1.00	03/31/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
m,p-Xylene	0.262		*0.230*	0.230	1.14	*1.00*	1.00	03/31/26	LD	1	
Methyl Ethyl Ketone	1.05		*0.339*	0.339	3.09	*1.00*	1.00	03/31/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/31/26	LD	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/31/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/31/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/31/26	LD	1	
Tetrachloroethene	ND		*0.037*	0.037	ND	*0.25*	0.25	03/31/26	LD	1	
Tetrahydrofuran	0.562		*0.339*	0.339	1.66	*1.00*	1.00	03/31/26	LD	1	1
Toluene	0.863		*0.266*	0.266	3.25	*1.00*	1.00	03/31/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/31/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/31/26	LD	1	
Trichlorofluoromethane	0.191		*0.178*	0.178	1.07	*1.00*	1.00	03/31/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/31/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/31/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	98		*%*	%	98	*%*	%	03/31/26	LD	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	03/31/26	LD	1	
% IS-Bromochloromethane	95		*%*	%	95	*%*	%	03/31/26	LD	1	
% IS-Chlorobenzene-d5	101		*%*	%	101	*%*	%	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62409

Client ID: IA-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	10:00
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	53462				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62410

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4D

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	1
1,1,1-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/31/26	LD	1	
1,2,4-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/31/26	LD	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Ethyltoluene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Acetone	63.9	E	*0.421*	0.421	152	*1.00*	1.00	03/31/26	LD	1	
Acrylonitrile	0.751		*0.461*	0.461	1.63	*1.00*	1.00	03/31/26	LD	1	
Benzene	ND		*0.313*	0.313	ND	*1.00*	1.00	03/31/26	LD	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62410
Client ID: IA-4D

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/31/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/31/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Tetrachloride	0.064		*0.032*	0.032	0.40	*0.20*	0.20	03/31/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/31/26	LD	1	
Chloromethane	0.707		*0.485*	0.485	1.46	*1.00*	1.00	03/31/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/31/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/31/26	LD	1	
Dichlorodifluoromethane	0.430		*0.202*	0.202	2.13	*1.00*	1.00	03/31/26	LD	1	
Ethanol	795	E	*0.531*	0.531	1500	*1.00*	1.00	03/31/26	LD	1	1
Ethyl acetate	0.928		*0.278*	0.278	3.34	*1.00*	1.00	03/31/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/31/26	LD	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/31/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/31/26	LD	1	
Isopropylalcohol	13.8		*0.407*	0.407	33.9	*1.00*	1.00	03/31/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
m,p-Xylene	0.233		*0.230*	0.230	1.01	*1.00*	1.00	03/31/26	LD	1	
Methyl Ethyl Ketone	1.41		*0.339*	0.339	4.16	*1.00*	1.00	03/31/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/31/26	LD	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/31/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/31/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/31/26	LD	1	
Tetrachloroethene	0.091		*0.037*	0.037	0.62	*0.25*	0.25	03/31/26	LD	1	
Tetrahydrofuran	1.44		*0.339*	0.339	4.24	*1.00*	1.00	03/31/26	LD	1	1
Toluene	0.768		*0.266*	0.266	2.89	*1.00*	1.00	03/31/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/31/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/31/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/31/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/31/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/31/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	95		*%*	%	95	*%*	%	03/31/26	LD	1	
% IS-1,4-Difluorobenzene	95		*%*	%	95	*%*	%	03/31/26	LD	1	
% IS-Bromochloromethane	96		*%*	%	96	*%*	%	03/31/26	LD	1	
% IS-Chlorobenzene-d5	101		*%*	%	101	*%*	%	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62410

Client ID: IA-4D

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	10:30
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	52493				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62411

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: OA-1

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	1
1,1,1-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	03/31/26	LD	1	
1,2,4-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	03/31/26	LD	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
2-Hexanone(MBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Ethyltoluene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Acetone	43.1	E	*0.421*	0.421	102	*1.00*	1.00	03/31/26	LD	1	
Acrylonitrile	0.625		*0.461*	0.461	1.36	*1.00*	1.00	03/31/26	LD	1	
Benzene	ND		*0.313*	0.313	ND	*1.00*	1.00	03/31/26	LD	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62411
Client ID: OA-1

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/31/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/31/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Tetrachloride	0.057		*0.032*	0.032	0.36	*0.20*	0.20	03/31/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	03/31/26	LD	1	
Chloromethane	0.581		*0.485*	0.485	1.20	*1.00*	1.00	03/31/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/31/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/31/26	LD	1	
Dichlorodifluoromethane	0.421		*0.202*	0.202	2.08	*1.00*	1.00	03/31/26	LD	1	
Ethanol	49.6	E	*0.531*	0.531	93.4	*1.00*	1.00	03/31/26	LD	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	1
Ethylbenzene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Heptane	ND		*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/31/26	LD	1	
Hexane	ND		*0.284*	0.284	ND	*1.00*	1.00	03/31/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/31/26	LD	1	
Isopropylalcohol	4.80		*0.407*	0.407	11.8	*1.00*	1.00	03/31/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
m,p-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Methyl Ethyl Ketone	0.633		*0.339*	0.339	1.87	*1.00*	1.00	03/31/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/31/26	LD	1	
Naphthalene	ND		*0.200*	0.200	ND	*1.05*	1.05	03/31/26	LD	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
o-Xylene	ND		*0.230*	0.230	ND	*1.00*	1.00	03/31/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/31/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	03/31/26	LD	1	
Tetrachloroethene	ND		*0.037*	0.037	ND	*0.25*	0.25	03/31/26	LD	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	03/31/26	LD	1	1
Toluene	0.519		*0.266*	0.266	1.95	*1.00*	1.00	03/31/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/31/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/31/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/31/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/31/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/31/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	98		*%*	%	98	*%*	%	03/31/26	LD	1	
% IS-1,4-Difluorobenzene	94		*%*	%	94	*%*	%	03/31/26	LD	1	
% IS-Bromochloromethane	96		*%*	%	96	*%*	%	03/31/26	LD	1	
% IS-Chlorobenzene-d5	103		*%*	%	103	*%*	%	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62411

Client ID: OA-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	LM	03/26/26	10:45
Location Code:	IMPACT-ICL	Received by:	B	03/30/26	16:23
Rush Request:	72 Std	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	16009				

Laboratory Data

SDG ID: GCV62400
Phoenix ID: CV62412

Project ID: 100 SOUTH 4TH ST BROOKLYN
Client ID: IA-4A

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	03/31/26	LD	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	03/31/26	LD	1	
1,2,4-Trimethylbenzene	1.15	*0.204*	0.204	5.65	*1.00*	1.00	03/31/26	LD	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	03/31/26	LD	1	
1,3,5-Trimethylbenzene	0.332	*0.204*	0.204	1.63	*1.00*	1.00	03/31/26	LD	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	03/31/26	LD	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	03/31/26	LD	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	1
4-Ethyltoluene	0.814	*0.204*	0.204	4.00	*1.00*	1.00	03/31/26	LD	1	1
4-Isopropyltoluene	0.277	*0.182*	0.182	1.52	*1.00*	1.00	03/31/26	LD	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	03/31/26	LD	1	
Acetone	36.8	*0.421*	0.421	87.4	*1.00*	1.00	03/31/26	LD	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	03/31/26	LD	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	03/31/26	LD	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN
Phoenix I.D.: CV62412
Client ID: IA-4A

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	03/31/26	LD	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	03/31/26	LD	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	03/31/26	LD	1	
Carbon Tetrachloride	0.394		*0.032*	0.032	2.48	*0.20*	0.20	03/31/26	LD	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	03/31/26	LD	1	
Chloroform	2.59		*0.205*	0.205	12.6	*1.00*	1.00	03/31/26	LD	1	
Chloromethane	0.809		*0.485*	0.485	1.67	*1.00*	1.00	03/31/26	LD	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	03/31/26	LD	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	03/31/26	LD	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	03/31/26	LD	1	
Dichlorodifluoromethane	0.423		*0.202*	0.202	2.09	*1.00*	1.00	03/31/26	LD	1	
Ethanol	480	E	*0.531*	0.531	904	*1.00*	1.00	03/31/26	LD	1	1
Ethyl acetate	5.23		*0.278*	0.278	18.8	*1.00*	1.00	03/31/26	LD	1	1
Ethylbenzene	1.94		*0.230*	0.230	8.42	*1.00*	1.00	03/31/26	LD	1	
Heptane	2.38		*0.244*	0.244	9.7	*1.00*	1.00	03/31/26	LD	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	03/31/26	LD	1	
Hexane	0.320		*0.284*	0.284	1.13	*1.00*	1.00	03/31/26	LD	1	
Isooctane	ND		*0.215*	0.215	ND	*1.00*	1.00	03/31/26	LD	1	
Isopropylalcohol	8.31		*0.407*	0.407	20.4	*1.00*	1.00	03/31/26	LD	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	03/31/26	LD	1	
m,p-Xylene	9.10		*0.230*	0.230	39.5	*1.00*	1.00	03/31/26	LD	1	
Methyl Ethyl Ketone	1.29		*0.339*	0.339	3.80	*1.00*	1.00	03/31/26	LD	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	03/31/26	LD	1	
Methylene Chloride	ND		*0.863*	0.863	ND	*3.00*	3.00	03/31/26	LD	1	
Naphthalene	0.248		*0.200*	0.200	1.30	*1.05*	1.05	03/31/26	LD	1	
n-Butylbenzene	0.241		*0.182*	0.182	1.32	*1.00*	1.00	03/31/26	LD	1	1
o-Xylene	2.81		*0.230*	0.230	12.2	*1.00*	1.00	03/31/26	LD	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	03/31/26	LD	1	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	03/31/26	LD	1	1
Styrene	0.792		*0.235*	0.235	3.37	*1.00*	1.00	03/31/26	LD	1	
Tetrachloroethene	0.047		*0.037*	0.037	0.32	*0.25*	0.25	03/31/26	LD	1	
Tetrahydrofuran	3.71		*0.339*	0.339	10.9	*1.00*	1.00	03/31/26	LD	1	1
Toluene	4.40		*0.266*	0.266	16.6	*1.00*	1.00	03/31/26	LD	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	03/31/26	LD	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	03/31/26	LD	1	
Trichloroethene	ND		*0.037*	0.037	ND	*0.20*	0.20	03/31/26	LD	1	
Trichlorofluoromethane	ND		*0.178*	0.178	ND	*1.00*	1.00	03/31/26	LD	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	03/31/26	LD	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	03/31/26	LD	1	
QA/QC Surrogates/Internals											
% Bromofluorobenzene	106		*%*	%	106	*%*	%	03/31/26	LD	1	
% IS-1,4-Difluorobenzene	96		*%*	%	96	*%*	%	03/31/26	LD	1	
% IS-Bromochloromethane	98		*%*	%	98	*%*	%	03/31/26	LD	1	
% IS-Chlorobenzene-d5	106		*%*	%	106	*%*	%	03/31/26	LD	1	

Project ID: 100 SOUTH 4TH ST BROOKLYLN Phoenix I.D.: CV62412

Client ID: IA-4A

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

April 01, 2026

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

April 01, 2026

FOR: Attn: Kevin Kleaka
Impact Closures
170 Keyland Court
Bohemia NY 11716

Location Code: IMPACT-ICL

SDG I.D.: GCV62400

Project ID: 100 SOUTH 4TH ST BROOKLYN

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-4F	CV62400	7640	6.0L	10590	03/24/26	-30	-6	3.19	2.96	7.5	-30	-7	03/26/26 11:05	03/27/26 11:00
IA-4H	CV62401	52486	6.0L	22571	03/24/26	-30	-7	3.13	3.06	2.3	-30	-8	03/26/26 11:30	03/27/26 11:20
IA-4B	CV62402	21341	6.0L	22555	03/24/26	-30	-5	3.19	3.31	3.7	-30	-4	03/26/26 10:30	03/27/26 10:15
IA-4C	CV62403	53538	6.0L	10587	03/24/26	-30	-9	3.15	3.25	3.1	-30	-9	03/26/26 10:21	03/27/26 10:40
IA-I	CV62404	21333	6.0L	10557	03/24/26	-30	-7	3.04	3.11	2.3	-30	-7	03/26/26 09:30	03/27/26 09:35
IA-4G	CV62405	11288	6.0L	39835	03/24/26	-30	-7	3.29	3.4	3.3	-30	-7	03/26/26 11:15	03/27/26 11:05
IA-5	CV62406	52491	6.0L	4992	03/24/26	-30	-8	3.21	3.4	5.7	-30	-9	03/26/26 08:35	03/27/26 08:45
IA-2	CV62407	17158	6.0L	5658	03/24/26	-30	-9	3.25	3.29	1.2	-30	-9	03/26/26 13:10	03/27/26 13:00
IA-4E	CV62408	23326	6.0L	3221	03/24/26	-30	-7	3.17	3.4	7.0	-30	-8	03/26/26 10:50	03/27/26 10:55
IA-3	CV62409	53524	6.0L	22556	03/24/26	-30	-7	3.22	3.31	2.8	-30	-7	03/26/26 09:15	03/27/26 08:50
IA-4D	CV62410	53462	6.0L	22550	03/24/26	-30	-7	3.18	3.29	3.4	-30	-7	03/26/26 10:10	03/27/26 10:00
OA-1	CV62411	52493	6.0L	22564	03/24/26	-30	-7	3.26	3.11	4.7	-30	-8	03/26/26 11:45	03/27/26 10:30
IA-4A	CV62412	16009	6.0L	5648	03/24/26	-30	-8	3.05	3.11	1.9	-30	-9	03/26/26 10:45	03/27/26 10:45

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

April 01, 2026

QA/QC Data

SDG I.D.: GCV62400

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 833037 (ppbv), QC Sample No: CV62022 (CV62400, CV62401, CV62402, CV62403, CV62404, CV62405, CV62406, CV62407, CV62408, CV62409, CV62410, CV62411, CV62412)													
Volatiles													
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	93	ND	ND	ND	ND	NC	70 - 130	25	
1,1,1-Trichloroethane	ND	0.180	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25	
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	129	ND	ND	ND	ND	NC	70 - 130	25	
1,1,2-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25	
1,1-Dichloroethane	ND	0.250	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	25	
1,1-Dichloroethene	ND	0.050	ND	0.20	97	ND	ND	ND	ND	NC	70 - 130	25	
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	134	ND	ND	ND	ND	NC	70 - 130	25	I
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	112	ND	ND	ND	ND	NC	70 - 130	25	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25	
1,2-Dichlorobenzene	ND	0.170	ND	1.02	116	ND	ND	ND	ND	NC	70 - 130	25	
1,2-Dichloroethane	ND	0.250	ND	1.01	88	ND	ND	ND	ND	NC	70 - 130	25	
1,2-dichloropropane	ND	0.220	ND	1.02	117	ND	ND	ND	ND	NC	70 - 130	25	
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25	
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	110	ND	ND	ND	ND	NC	70 - 130	25	
1,3-Butadiene	ND	0.450	ND	0.99	110	ND	ND	ND	ND	NC	70 - 130	25	
1,3-Dichlorobenzene	ND	0.170	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25	
1,4-Dichlorobenzene	ND	0.170	ND	1.02	113	ND	ND	ND	ND	NC	70 - 130	25	
1,4-Dioxane	ND	0.280	ND	1.01	115	ND	ND	ND	ND	NC	70 - 130	25	
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	118	ND	ND	ND	ND	NC	70 - 130	25	
2-Hexanone(MBK)	ND	0.240	ND	0.98	132	ND	ND	ND	ND	NC	70 - 130	25	I
4-Ethyltoluene	ND	0.200	ND	0.98	109	ND	ND	ND	ND	NC	70 - 130	25	
4-Isopropyltoluene	ND	0.180	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25	
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	126	ND	ND	ND	ND	NC	70 - 130	25	
Acetone	ND	0.420	ND	1.00	96	11.2	11.0	4.72	4.62	2.1	70 - 130	25	
Acrylonitrile	ND	0.460	ND	1.00	156	ND	ND	ND	ND	NC	70 - 130	25	I
Benzene	ND	0.310	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25	
Benzyl chloride	ND	0.190	ND	0.98	128	ND	ND	ND	ND	NC	70 - 130	25	
Bromodichloromethane	ND	0.150	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25	
Bromoform	ND	0.097	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25	
Bromomethane	ND	0.260	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Disulfide	ND	0.320	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Tetrachloride	ND	0.032	ND	0.20	83	0.40	0.36	0.063	0.057	NC	70 - 130	25	
Chlorobenzene	ND	0.220	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	25	
Chloroethane	ND	0.380	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Chloroform	ND	0.200	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25	
Chloromethane	ND	0.480	ND	0.99	112	1.29	1.27	0.624	0.616	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	102	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	96	ND	ND	ND	ND	NC	70 - 130	25	

QA/QC Data

SDG I.D.: GCV62400

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Dichlorodifluoromethane	ND	0.200	ND	0.99	90	2.34	2.20	0.473	0.445	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	133	35.8	35.0	19.0	18.6	2.1	70 - 130	25	I
Ethyl acetate	ND	0.280	ND	1.01	128	ND	ND	ND	ND	NC	70 - 130	25	
Ethylbenzene	ND	0.230	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	127	ND	ND	ND	ND	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25	
Hexane	ND	0.280	ND	0.99	115	ND	ND	ND	ND	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	114	283 E	280	115 E	114	0.9	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	124	ND	ND	ND	ND	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	94	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	NR	0.29	NR	1.01	103	ND	ND	ND	ND	NC	70 - 130	25	
Naphthalene	ND	0.200	ND	1.05	157	ND	ND	ND	ND	NC	70 - 130	25	I
n-Butylbenzene	ND	0.180	ND	0.99	113	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	119	ND	1.21	ND	0.701	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	109	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	112	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	93	ND	ND	ND	ND	NC	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	121	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	99	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	79	1.09	1.09	0.194	0.194	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.130	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	110	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	79	%	79	%	98	98	99	98	99	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	102	%	102	%	106	98	97	98	97	NC	60 - 140	25	
% IS-Bromochloromethane	101	%	101	%	106	101	100	101	100	NC	60 - 140	25	
% IS-Chlorobenzene-d5	106	%	106	%	117	104	103	104	103	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
April 01, 2026

Wednesday, April 01, 2026

Criteria: NY: AIRIA

State: NY

Sample Criteria Exceedances Report

GCV62400 - IMPACT-ICL

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CV62400	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.088	0.032	0.032	0.032	ppbv
CV62401	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.066	0.032	0.032	0.032	ppbv
CV62402	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.084	0.032	0.032	0.032	ppbv
CV62403	$AIR_NYTO15	Naphthalene	NY / Air Guideline Values / Indoor Air	0.796	0.200	0.382	0.382	ppbv
CV62403	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.081	0.032	0.032	0.032	ppbv
CV62404	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.050	0.037	0.037	0.037	ppbv
CV62404	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.060	0.032	0.032	0.032	ppbv
CV62404	$AIR_NYTO15	1,2,4-Trimethylbenzene	NY / Air Guideline Values / Indoor Air	0.757	0.204	0.407	0.407	ppbv
CV62405	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CV62406	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.073	0.032	0.032	0.032	ppbv
CV62407	$AIR_NYTO15	1,2,4-Trimethylbenzene	NY / Air Guideline Values / Indoor Air	0.592	0.204	0.407	0.407	ppbv
CV62407	$AIR_NYTO15	Cyclohexane	NY / Air Guideline Values / Indoor Air	0.612	0.291	0.581	0.581	ppbv
CV62407	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.062	0.032	0.032	0.032	ppbv
CV62408	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.060	0.032	0.032	0.032	ppbv
CV62409	$AIR_NYTO15	1,2,4-Trimethylbenzene	NY / Air Guideline Values / Indoor Air	0.631	0.204	0.407	0.407	ppbv
CV62409	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.065	0.032	0.032	0.032	ppbv
CV62410	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.064	0.032	0.032	0.032	ppbv
CV62411	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.057	0.032	0.032	0.032	ppbv
CV62412	$AIR_NYTO15	Toluene	NY / Air Guideline Values / Indoor Air	4.40	0.266	2.66	2.66	ppbv
CV62412	$AIR_NYTO15	m,p-Xylene	NY / Air Guideline Values / Indoor Air	9.10	0.230	1.38	1.38	ppbv
CV62412	$AIR_NYTO15	Heptane	NY / Air Guideline Values / Indoor Air	2.38	0.244	1.46	1.46	ppbv
CV62412	$AIR_NYTO15	Ethylbenzene	NY / Air Guideline Values / Indoor Air	1.94	0.230	0.461	0.461	ppbv
CV62412	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.394	0.032	0.032	0.032	ppbv
CV62412	$AIR_NYTO15	1,2,4-Trimethylbenzene	NY / Air Guideline Values / Indoor Air	1.15	0.204	0.407	0.407	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
IMPACT-NJ

860-645-1102
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☒ Email: KKleaka, LMaldonado
☐ Phone #:

Report to:	Kevin Kleaka / Luis Maldonado	Project Name:	100 South 4th ST. Brooklyn	Data Format: (Circle)	Equis / Excel / Other:
Customer:	Impact Environmental	Invoice to:	Impact	Requested Deliverable:	RCP / (ASP CAT B)
Address:	1099 Wall Street				MCP / NJ Deliverables
18978	Lyndhurst, NJ 07071	Sampled by:	L.M.	Quote Number:	

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
602400	IA-4F	7640	6.0L	-30	-6	10590	3.19	11:05	11:00	3/26/26	-30	-7	X			X	
602401	IA-4H	52486	6.0L	-30	-7	22571	3.13	11:30	11:20	3/26/26	-30	-8	X			X	
602402	IA-4B	21341	6.0L	-30	-5	22555	3.19	10:30	10:15	3/26/26	-30	-4	X			X	
602403	IA-4C ~~IA-1~~ LM/3/26/26	53538	6.0L	-30	-9	10587	3.15	~~10:21~~ 9:30	~~10:40~~ 9:35	~~3/26/26~~ 3/26/26	~~-30~~ -30	~~-9~~ -7	X			X	
602404	IA-1	21333	6.0L	-30	-7	10557	3.04	9:30	9:35	3/26/26	-30	-7	X			X	
602405	IA-4G	11288	6.0L	-30	-7	39835	3.29	11:15	11:05	3/26/26	-30	-7	X			X	
602406	IA-5	52491	6.0L	-30	-8	4992	3.21	8:35	8:45	3/26/26	-30	-9	X			X	
602407	IA-2	17158	6.0L	-30	-9	5658	3.25	13:10	13:00	3/26/26	-30	-9	X			X	
602408	IA-4E	23326	6.0L	-30	-7	3221	3.17	10:50	10:55	3/26/26	-30	-8	X			X	
602409	IA-3	53524	6.0L	-30	-7	22556	3.22	9:15	8:50	3/26/26	-30	-7	X			X	

Relinquished by:	Accepted by:	Date:	Time:
		03/30	17:5
		3/30/26	16:23

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date: 3/25/26

State Where Samples Collected:

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(13) - 6.0L 24 hr , 39ft Tubing, 13 Connectors

Turnaround Time:
- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☒

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	(Vapor Intrusion)	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial **Sub-slab** Residential Industrial

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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P.O. #

Data Delivery:
☐ Fax #:
☒ Email: KKleaka, LMaldonado
☐ Phone #:

Report to:	Kevin Kleaka / Luis Maldonado	Project Name:	100 South 4th ST. Brooklyn	Data Format: (Circle) Equis Excel Other:	
Customer:	Impact Environmental	Invoice to:	Impact	Requested Deliverable: RCP (ASP CAT B)	
Address:	1099 Wall Street			MCP NJ Deliverables	
18978	Lyndhurst, NJ 07071	Sampled by:	LM	Quote Number:	

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES		
602410	IA-4B	53462	6.0L	-30	-7	22550	3.18	10:10	10:00	3/26/26	-30	-7	X			X		
602411	OA-1	52493	6.0L	-30	-7	22564	3.26	11:45	10:30	3/26/26	-30	-8	X			X		
602412	IA-4A	16009	6.0L	-30	-8	5648	3.05	10:45	10:45	3/26/26	-30	-9	X			X		

Relinquished by:	Accepted by:	Date:	Time:
		03/30	12:57
		3/30/24	11:23

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date: 3/25/26

State Where Samples Collected:

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(13) - 6.0L 24 hr, 39ft Tubing, 13 Connectors

Turnaround Time:
- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☒

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	Vapor Intrusion	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial **Sub-slab** Residential Industrial

6CU62400

Tara Banning

From: Michael Lapman
Sent: Monday, March 30, 2026 2:33 PM
To: Tara Banning
Subject: FW: Impact
Attachments: 20260330132723.pdf

Soil:

Impact-ICLWM:

2-Day Rush TAT and compare to:

- NJ SR MGW
- NJ-Soil Res Inhalation
- NJ-Soil Res. (ID)
- NY-UnRestricted SCO
- PA-CleanFill
- PA-RegFill
- EPA TOX

Air:

Impact—ICL

Thank you!

Regards,
Michael Lapman
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Direct Line: 917.449.0850
www.phoenixlabs.com

This message, including any attachments hereto, may contain privileged or confidential information and is sent solely for the attention and use of the intended addressee(s). If you are not an intended addressee, you may neither use this message nor copy or deliver it to anyone. In such case, you should immediately destroy this message and kindly notify the sender by reply email. Thank you.

Attachment 4

Data Validation Report (DUSR)

100 South 4th Street, Brooklyn, New York

LABORATORY DATA CONSULTANTS, INC.
2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Impact
170 Keyland Court
Bohemia, NY 11716
Attn: Mr. Christopher Connolly
CConnolly@impactenvironmental.com

September 16, 2026

SUBJECT: 100 S 4th Street, Brooklyn, NY - Data Validation

Dear Mr. Connolly,

Enclosed are the final validation reports for the fraction listed below. This SDG was received on August 26, 2026. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #63074:

SDG #	**Fraction**
GCV62400	VOC

The data validation was performed under Stage 2B & 4 guidelines. The analysis was validated using the following documents, as applicable to each method:

- USEPA Region 2 Analysis of Volatile Organic Compounds in Air Contained Canisters, SOP HW-31, Revision 6 (September 2016)
- USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
pgeng@lab-data.com
Project Manager/Senior Chemist

LDC #63074 (Impact Enviromental, Bohemia, NY / 100 S 4th Street, Brooklyn, NY)

LDC	SDG#	Received Date	(21) Due Date	Validation Level	VOCs (TO-15)
Matrix Type:					Air
A	GCV62400	8/26/26	9/17/26	Stage 2B	11
A	GCV62400	8/26/26	9/17/26	Stage 4	2
Total			PM: PG		**13**

These sample counts do not include MS/MSDs and DUPs.
NYSDEC DUSR

Site:	100 South 4th Street, Brooklyn, NY
Laboratory:	Phoenix Environmental Laboratories, Inc., Manchester, CT
SDG:	GCV62400
Reviewer:	Reagan Rick and Stella Cuenco/Laboratory Data Consultants for Impact Environmental, Bohemia, NY
Date:	September 15, 2026

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	Stage	FRACTIONS VALIDATED
IA-4F	CV62400	4	VOC
IA-4H	CV62401	2B	VOC
IA-4B	CV62402	2B	VOC
IA-4C	CV62403	2B	VOC
IA-I	CV62404	2B	VOC
IA-4G	CV62405	2B	VOC
IA-5	CV62406	2B	VOC
IA-2	CV62407	2B	VOC
IA-4E	CV62408	2B	VOC
IA-3	CV62409	2B	VOC
IA-4D	CV62410	2B	VOC
OA-1	CV62411	2B	VOC
IA-4A	CV62412	4	VOC

Associated QC Samples(s):

Field/Trip Blanks:	None Associated
Field Duplicate pair:	None Associated

The above-listed air samples were collected on March 26, 2026 and were analyzed for volatile organic compounds (VOC) by method TO-15. The data validation was performed in accordance with the USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained Canisters*, SOP HW-31, Revision 6 (September 2016) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results. Approximately 20 percent of samples were subjected to Stage 4 data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 30.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
03/11/26	ICV_CHEM39_0310	Acrylonitrile	45	IA-4F IA-4H IA-4B IA-4C IA-I IA-4G IA-5 IA-2 IA-4E IA-3 IA-4D OA-1 IA-4A	J (all detects) UJ (all non-detects)

Continuing calibration:

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
03/30/26	CCAL 1 - BFB TUNE	1,2,4-Trichlorobenzene	40.5	IA-4F IA-4H IA-4B IA-4C IA-I IA-4G IA-5 IA-2 IA-4E IA-3 IA-4D OA-1 IA-4A	UJ (all non-detects)

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
03/30/26	CCAL 1 - BFB TUNE	Naphthalene	38.7	IA-4F IA-4H IA-4B IA-4C IA-I IA-4G IA-5 IA-2 IA-4E IA-3 IA-4D OA-1 IA-4A	J (all detects) UJ (all non-detects)

Blanks

All canisters were cleaned as required by the method. The laboratory indicated that canister certification was performed by batch. No contaminants were found in the representative canister blank with the following exceptions:

Blank ID	Analyte	Level Detected (ppbv)	Action Level (ppbv)	Associated Samples
CANISTER BLK 4419	Ethanol	0.653	3.265	IA-I IA-4G IA-5 IA-2 IA-4E IA-3 IA-4D OA-1 IA-4A
CANISTER BLK 4420	Ethanol	0.630	3.15	IA-4F IA-4H IA-4B IA-4C

Sample results were qualified as follows:

- If sample concentration was < the reporting limit (RL) and ≤ the Action Level, qualify the result as a nondetect (U) at the RL.
- If sample concentration was > the RL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the RL and > the Action Level, qualification of the data was not required.

No samples were qualified since the associated sample results were nondetect or greater than the action level.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

Although surrogates were not required by the method, surrogate analysis was performed by the laboratory. Surrogate recoveries (%R) were within QC limits.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

LCS Results

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Analyte	%R (70-130)	Validation Action
CV62022 (IA-4F IA-4H IA-4B IA-4C IA-I IA-4G IA-5 IA-2 IA-4E IA-3 IA-4D OA-1 IA-4A)	1,2,4-Trichlorobenzene 2-Hexanone(MBK)	134 132	NA
CV62022 (IA-4H IA-4B IA-3 IA-4D OA-1)	Acrylonitrile	156	J (all detects)
CV62022 (IA-4F IA-4C IA-I IA-4G IA-5 IA-2 IA-4E IA-4A)	Acrylonitrile	156	NA

LCS ID (Associated Samples)	Analyte	%R (70-130)	Validation Action
CV62022 (IA-4F IA-4H IA-4B IA-4C IA-I IA-4G IA-5 IA-2 IA-4E IA-3 IA-4D OA-1 IA-4A)	Ethanol	133	J (all detects)
CV62022 (IA-4F IA-4H IA-4B IA-4C IA-I IA-5 IA-4A)	Naphthalene	157	J (all detects)
CV62022 (IA-4G IA-2 IA-4E IA-3 IA-4D OA-1)	Naphthalene	157	NA

No data were qualified due to high %Rs when the associated results were non-detected.

Internal Standards

All internal standard areas and retention times were within QC limits.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis.

Dilutions were not required for the VOC analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

VALIDATION COMPLETENESS WORKSHEET

LDC#: 63074A
SDG#: GCV62400
Laboratory: Phoenix Environmental Laboratories, Inc., Manchester, CT

Date: 9/8/2026
Page: 1
Reviewer: RR
2nd Reviewer: SC

Method: Volatiles (EPA TO-15)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A / SW	RSD≤30 r² ICV≤30
IV	Continuing Calibration	SW	CCV≤30
V	Laboratory Blanks/Canister Blanks	ND/SW	6x batch
VI	Field Blanks	N	
VII	Surrogate	A	
VIII	Laboratory Duplicate	N	
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	N	
XI	Internal standard	A	
XII	Target Analyte Quantitation	A	
XIII	Target Analyte Identification	A	
XIV	Leak Check Compound	N	
XV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID		QC Type	Matrix	Date	Stage
1	IA-4F	CV62400			Air	03/26/2026	Stage 4
2	IA-4H	CV62401			Air	03/26/2026	Stage 2B
3	IA-4B	CV62402			Air	03/26/2026	Stage 2B
4	IA-4C	CV62403			Air	03/26/2026	Stage 2B
5	IA-I	CV62404			Air	03/26/2026	Stage 2B
6	IA-4G	CV62405			Air	03/26/2026	Stage 2B
7	IA-5	CV62406			Air	03/26/2026	Stage 2B
8	IA-2	CV62407			Air	03/26/2026	Stage 2B
9	IA-4E	CV62408			Air	03/26/2026	Stage 2B
10	IA-3	CV62409			Air	03/26/2026	Stage 2B
11	IA-4D	CV62410			Air	03/26/2026	Stage 2B
12	OA-1	CV62411			Air	03/26/2026	Stage 2B

VALIDATION COMPLETENESS WORKSHEET

LDC#: 63074A
SDG#: GCV62400

13	IA-4A	CV62412			Air	03/26/2026	Stage 4

Notes:

MB 1).833037		

Method: Volatiles (EPA Method TO-15)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was canister pressure criteria met?	✓			
II. GC/MS Instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 24 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 30%?	✓			
Was an initial calibration verification standard analyzed after every ICAL for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 24 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?		✓		
V. Laboratory blanks/Canister blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
Was a canister blank analyzed for every canister?	✓			
Was there contamination in the canister blanks?	✓			
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate				
Were all surrogate percent recoveries (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Laboratory duplicate				
Was a laboratory duplicate analyzed for this SDG?		✓		
Were the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	

Method: Volatiles (EPA Method TO-15)

Validation Area	Yes	No	NA	Findings/Comments
XI. Internal standards				
Were internal standard area counts within ± 40% from the associated calibration standard?	✓			
Were retention times within ± 20.0 seconds from the associated calibration standard?	✓			
XII. Analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the analyte?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
XIV. Leak check analytes				
Was a leak check analyte used to evaluate sample integrity and included in the laboratory analyte list?		✓		
Was the leak check analyte detected in the samples? If yes, please see leak check validation findings worksheet.			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: _63074A_____

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

Reviewer: ____RR_____

METHOD: GC/MS VOA (EPA Method TO15)
A second source verification standard was analyzed after each ICAL for each instrument.
All analytes met the second source verification standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Analyte	%D (Limit ≤30%)	Associated samples	Qualifications
	3/11/2026	ICV_CHEM39_0310	Acrylonitrile	45	1-13, MB1 (ND+Det)	J/UJ/A

	DOD	NFG
%D	30%	30%

LDC #: _63074A_____

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: ___RR_____

METHOD: GC/MS VOA (EPA Method TO15)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤30%)	RRF (Limits)	Associated samples	Qualifications
	3/30/2026	CCAL 1 - BFB TUNE	1,2,4-Trichlorobenzene	40.5		1-13, MB1 (ND)	J/UJ/A
			Naphthalene	38.7		1-13, MB1 (ND+DET)	↓

	DOD	NFG
%D	30%/30%	30%

LDC #: _63074A_____

VALIDATION FINDINGS WORKSHEET
Canister Check Blanks

Reviewer: _____RR____

METHOD: GC/MS VOA (EPA Method TO15)
Canister checks were performed at the required frequency and sequence.
No contaminants were found in the canister blanks with the exceptions identified below.

Blank analysis date: 3/21/2026_____ **Associated samples:**_5-13 (>5x)_____
Conc. units: _ppbv_____

Compound	Blank ID	Sample Identification							
	CANISTER BLK 4419	x5							
Ethanol	0.653	3.265							

Blank analysis date: _3/21/2026_____ **Associated samples:__1-4 (>5x)**_____
Conc. units: _ppbv_____

Compound	Blank ID	Sample Identification							
	CANISTER BLK 4420	x5							
Ethanol	0.630	3.15							

LDC #: _63074A_____

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: __RR_____

METHOD: GC/MS VOA (EPA Method TO15)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
CV62022	1,2,4-Trichlorobenzene	134		70-130			1-13, MB1 (ND)	J Det./P
	2-Hexanone(MBK)	132		70-130			↓	
	Acrylonitrile	156		70-130			2, 3, 10-12 (Det) 1, 4-9, 13, MB1 (ND)	
	Ethanol	133		70-130			1-13 (Det) MB1 (ND)	
	Naphthalene	157		70-130			1-5, 7, 13 (Det) 6, 8-12, MB1 (ND)	

LDC # 63074A

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: RR

METHOD: GC/MS VOA (EPA Method TO15)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (STD 10)	Recalculated RRF (STD 10)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL CHEM39	3/11/2026	Ethanol (BCM)	0.438	0.438	0.425	0.425	12.31	12.30
			Trichloroethene (DFB)	0.429	0.429	0.429	0.429	2.70	2.69
			Naphthalene (CBZ)	2.198	2.198	1.671	1.671	26.60	26.59

LDC # 63074A

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: RR

METHOD: GC/MS VOA (EPA Method TO15)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	(IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated %D
1	CCAL 1 - BFB TUNE	03/30/26	Ethanol	(BCM)	0.425	0.512	0.512	20.5	20.5
			Trichloroethene	(DFB)	0.429	0.420	0.420	2.1	2.0
			Naphthalene	(CBZ)	1.671	1.024	1.024	38.7	38.7

LDC # 63074A

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: RR

METHOD: GC/MS VOA (EPA Method TO15)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ppbv)	Surrogate Found (ppbv)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
4-Bromofluorobenzene	10.000	9.745	97	97	0

LDC # 63074A

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: RR

METHOD: GC/MS VOA (EPA Method TO15)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: CV62022 LCS

Compound	SA (ppbv)		SSC (ppbv)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethene	10.0		9.70		97	97				
Trichloroethene	10.0		9.91		99	99				
Benzene	10.0		11.1		111	111				
Toluene	10.0		10.5		105	105				
Chlorobenzene	10.0		10.6		106	106				

LDC# 63074A

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: RR

METHOD: GC/MS VOA (EPA Method TO15)

Analyte results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Is)(Vo)(MW)(DF)}{(Ais)(RRF)(Vi)(MV)}$$

Ax	Area of the analyte to be measured
Ais	Area of the internal standard
Is	Amount of internal standard added
Vi	Initial volume or weight of sample
Vo	Volume analyzed
RRF	Relative Response Factor (average) from the initial calibration
Df	Dilution Factor.
MW	Molecular weight
MV	Molar volume (24.45 at 25 deg C and 1 atm P; 22.4 at 20 deg C and 1 atm)

Sample #	Compound	Ax	Ai	Ci (ppbv)	RRF	DF	Vo (mL)	Vi (mL)	MW (g/mole)	MV (L)	Calculated Concentration (ppbv)	Reported Concentration (ppbv)	% Diff
1	Toluene	123517	945987	10.000	1.1340	1	200	200			1.15	1.15	0
13	Naphthalene	22828	550633	10.000	1.671	1	200	200			0.248	0.248	0