SESI CONSULTING ENGINEERS

GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

MEMORANDUM

TO: Melissa Doroski, NYSDOH
Gregory Rys, NYSDOH
Mark Domaracki, NYSDEC

BCP Site No.: C360195
SESI Project No.: 12365B

FROM: Jesse Mausner, SESI

DATE: April 25, 2024

SUBJECT: 130 Midland Avenue – 2nd Soil Vapor Intrusion Evaluation Results

SESI Consulting Engineers (SESI) completed a second Soil Vapor Evaluation at the 130 Midland Avenue BCP Site (BCP Site No. C360195) in accordance with the approved Soil Vapor Intrusion Evaluation Workplan (September 2023) and Site Management Plan (December 2023). The purpose of the evaluation was to make a final determination if an active sub-slab depressurization system (SSDS) will be required with a blower, or if the system continues to function adequately as a passive system. The previous evaluation conducted in October 2023 indicated no exceedances of the NYSDOH "Soil Vapor/Indoor Air Decision Matrices", dated May 2017, and no requirement for an active SSDS for the on-Site building. The NYSDEC requested that the evaluation be repeated when the building's HVAC system was operational during the heating season.

Sub-slab vapor samples with co-located indoor air samples were collected on March 28, 2023, as well as one ambient/outdoor air sample. The soil vapor evaluation sample location plan is illustrated on the attached figure (SV-1). Sub-slab vapor samples were collected from pre-installed sub-slab vapor probes from polyethylene tubing leading from the probes to sub-slab sensor monitoring stations located in the rear of the building, as shown on the attached figure **SV-1**. No field adjustments of sample locations were required.

The results were compared to the NYSDOH "Soil Vapor/Indoor Air Decision Matrices", dated February 2024. Based on the evaluation of all regulated compounds to the Decision Matrices, no further action is required with respect to soil vapor intrusion at the Site. Therefore, an active SSDS is not required for the on-Site building. The vapor sample results summary table is included as **Table 1** (attached). The analytical laboratory report is included as **Attachment 1**.

Prior to sample collection, a pre-sampling building inspection and product inventory was completed in accordance with the *NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in New York State (2006) with updates* in order to identify and minimize conditions that may interfere with the testing. The building inventory form is included as **Attachment 2**.

These evaluation results will also be included in the Periodic Review Report (PRR).

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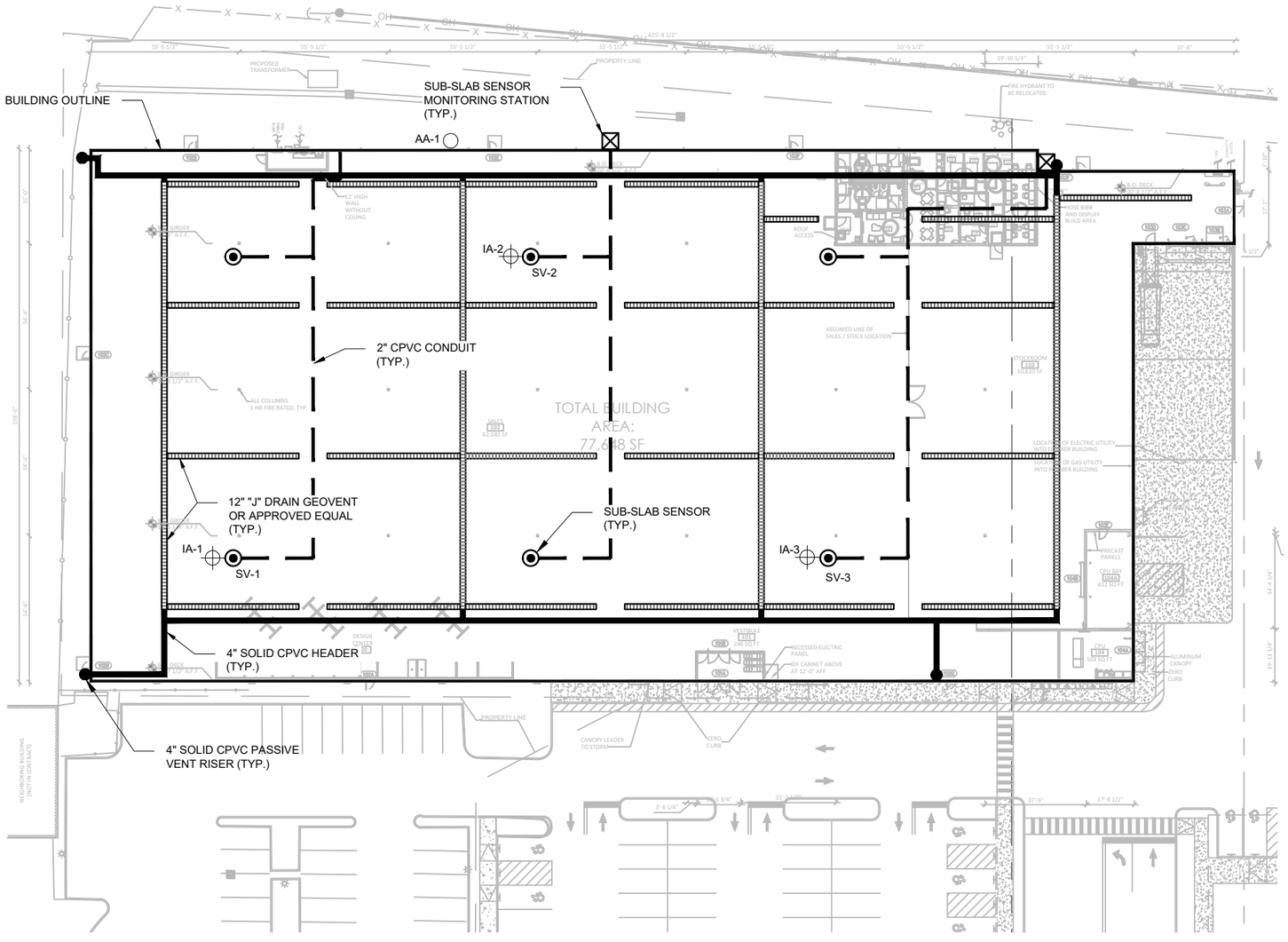

BUILDING PLAN
77,648 SF

NOTES:
1. 3 OF 6 SUB-SLAB SENSORS WILL BE SAMPLED AS PART OF THE SOIL VAPOR EVALUATION.

REFERENCE:
BUILDING INFORMATION TAKEN FROM "FLOOR PLAN" PREPARED BY SBLM ARCHITECTS, DATED AUGUST 17, 2022.

LEGEND:

- SV-3 - SUB-SLAB SENSOR LOCATIONS (6)
- SUB-SLAB SENSOR MONITORING STATION (3)
- 2" CPVC CONDUIT
- 4" PERFORATED PVC PIPE
- 6" SOLID CPVC HEADER
- 6" SOLID CPVC PASSIVE VENT RISER (4)
- IA-3 - INDOOR AIR SAMPLE LOCATION
- AA-1 - OUTDOOR AIR SAMPLE LOCATION

SCALE: 1"=50'
0 50 100

N:\ACAD\12365\REPORTS\RAWP\12365.DWG.VAPOR_EVAL_SAMP_SV-1.DWG 09/08/23 04:00:56PM, alan.ward, LAYOUT:FIG SV-1 (11X17)

dwg by: AW
chk by: JM
scale: AS NOTED
date: 09/08/2023

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project:
FLOOR & DECOR
130 MIDLAND AVENUE
PORT CHESTER, NY

title:
SOIL VAPOR EVALUATION
SAMPLING PLAN

job no: 12365
drawing no:

SV-1

Table 1
Soil Vapor Evaluation Sample Results
130 Midland Avenue, Port Chester, NY

Client Sample ID:		NYSDOH Indoor Air Lower Threshhold Criteria	NYSDOH Sub-slab Lower Threshhold Criteria	IA-1	IA-2	IA-3	AA-1	SV-1	SV-2	SV-3
Lab Sample ID:				JD85406-1	JD85406-2	JD85406-3	JD85406-4	JD85406-5	JD85406-6	JD85406-7
Date Sampled:				3/28/2024	3/28/2024	3/28/2024	3/28/2024	3/28/2024	3/28/2024	3/28/2024
Matrix:				Indoor Air Comp.	Indoor Air Comp.	Indoor Air Comp.	Ambient Air Comp.	Soil Vapor Comp.	Soil Vapor Comp.	Soil Vapor Comp.
MS Volatiles (TO-15) - ug/m3										
Acetone (2-Propanone)	ug/m3			48	46.3	22	5.2	6.7	ND (1.4)	20
1,3-Butadiene	ug/m3			ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.75)	ND (0.75)	ND (0.75)
Benzene	ug/m3	2	60	1	0.99	ND (0.077)	0.93	ND (0.31)	ND (0.31)	ND (0.31)
Bromodichloromethane	ug/m3			ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.80)	ND (0.80)	ND (0.80)
Bromoform	ug/m3			ND (0.73) [a]	ND (0.73) [a]	ND (0.73) [a]	ND (0.73) [a]	ND (2.9) [b]	ND (2.9) [b]	ND (2.9) [b]
Bromomethane	ug/m3			ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (1.1)	ND (1.1)	ND (1.1)
Bromoethene	ug/m3			ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (1.0)	ND (1.0)	ND (1.0)
Benzyl Chloride	ug/m3			ND (0.67)	ND (0.67)	ND (0.67)	ND (0.67)	ND (2.6)	ND (2.6)	ND (2.6)
Carbon disulfide	ug/m3			ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.56)	2.5	ND (0.56)
Chlorobenzene	ug/m3			ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (1.4)	ND (1.4)	ND (1.4)
Chloroethane	ug/m3			ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.71)	ND (0.71)	ND (0.71)
Chloroform	ug/m3			ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.73)	2.3 J	ND (0.73)
Chloromethane	ug/m3			0.97	0.99	0.99	0.83	1.1 J	ND (0.74)	1.2 J
3-Chloropropene	ug/m3			ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (1.0)	ND (1.0)	ND (1.0)
2-Chlorotoluene	ug/m3			ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (1.5)	ND (1.5)	ND (1.5)
Carbon tetrachloride	ug/m3	0.2	6	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (1.0)	ND (1.0)	ND (1.0)
Cyclohexane	ug/m3	2	60	1.2	1.2	ND (0.15)	ND (0.15)	ND (0.62)	ND (0.62)	ND (0.62)
1,1-Dichloroethane	ug/m3			ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.93)	ND (0.93)	ND (0.93)
1,1-Dichloroethylene	ug/m3	0.2	6	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.95)	ND (0.95)	ND (0.95)
1,2-Dibromoethane (EDB)	ug/m3			ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.92)	ND (0.92)	ND (0.92)
1,2-Dichloroethane	ug/m3			ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (1.1)	ND (1.1)	ND (1.1)
1,2-Dichloropropane	ug/m3			ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (1.2)	ND (1.2)	ND (1.2)
1,4-Dioxane	ug/m3			0.83	0.79	ND (0.43)	ND (0.43)	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane	ug/m3			1.5	1.5	1.5	1.6	ND (2.1)	23	ND (2.1)
Dibromochloromethane	ug/m3			ND (0.44)	ND (0.44)	ND (0.44)	ND (0.44)	ND (1.8) [b]	ND (1.8) [b]	ND (1.8) [b]
trans-1,2-Dichloroethylene	ug/m3			ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.44)	ND (0.44)	ND (0.44)
cis-1,2-Dichloroethylene	ug/m3	0.2	6	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.48)	ND (0.48)	ND (0.48)
cis-1,3-Dichloropropene	ug/m3			ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (1.1)	ND (1.1)	ND (1.1)
m-Dichlorobenzene	ug/m3			ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.96)	ND (0.96)	ND (0.96)
o-Dichlorobenzene	ug/m3			ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (1.7)	ND (1.7)	ND (1.7)
p-Dichlorobenzene	ug/m3			ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (1.9)	ND (1.9)	ND (1.9)
trans-1,3-Dichloropropene	ug/m3			ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (1.8)	ND (1.8)	ND (1.8)
Ethanol	ug/m3			64.1	59	44.7	6	6.8	8.1	4.5
Ethylbenzene	ug/m3	2	60	2.6	2.6	ND (0.26)	0.48 J	ND (1.0)	3.1 J	ND (1.0)
Ethyl Acetate	ug/m3			16	18	ND (0.36)	15	22	6.5	6.1
4-Ethyltoluene	ug/m3			ND (0.47)	ND (0.47)	ND (0.47)	ND (0.47)	ND (1.9)	ND (1.9)	ND (1.9)
Freon 113	ug/m3			ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.92)	ND (0.92)	ND (0.92)
Freon 114	ug/m3			ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (1.4)	ND (1.4)	ND (1.4)
Heptane	ug/m3	6	200	1.4	1.4	ND (0.18)	0.66 J	ND (0.74)	ND (0.74)	ND (0.74)
Hexachlorobutadiene	ug/m3			ND (0.66)	ND (0.66)	ND (0.66)	ND (0.66)	ND (2.7)	ND (2.7)	ND (2.7)
Hexane	ug/m3	6	200	0.78	1.9	0.49 J	1.1	ND (0.74)	0.85 J	ND (0.74)
2-Hexanone	ug/m3			ND (0.61)	ND (0.61)	ND (0.61)	ND (0.61)	ND (2.4)	5.3	ND (2.4)
Isopropyl Alcohol	ug/m3			7.9	7.4	0.91	1.4	ND (1.4)	ND (1.4)	ND (1.4)
Methylene chloride	ug/m3	3	100	2.3	3.8	3.5	1.2	ND (0.76)	ND (0.76)	ND (0.76)
Methyl ethyl ketone	ug/m3			4.4	4.1	ND (0.32)	0.41 J	ND (1.3)	10	8
Methyl Isobutyl Ketone	ug/m3			0.49 J	0.45 J	ND (0.30)	ND (0.30)	ND (1.2)	ND (1.2)	ND (1.2)
Methyl Tert Butyl Ether	ug/m3			ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (1.2)	ND (1.2)	ND (1.2)
Methylmethacrylate	ug/m3			2.8	2.9	ND (0.29)	ND (0.29)	ND (1.1)	ND (1.1)	ND (1.1)
Propylene	ug/m3			ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.98)	86.1	ND (0.98)
Styrene	ug/m3			4.7	4.7	ND (0.23)	ND (0.23)	ND (0.89)	29	ND (0.89)
1,1,1-Trichloroethane	ug/m3	3	100	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.82)	ND (0.82)	ND (0.82)
1,1,2,2-Tetrachloroethane	ug/m3			ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (1.3)	ND (1.3)	ND (1.3)
1,1,2-Trichloroethane	ug/m3			ND (0.21)	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.82)	ND (0.82)	ND (0.82)
1,2,4-Trichlorobenzene	ug/m3			ND (0.89)	ND (0.89)	ND (0.89)	ND (0.89)	ND (3.6)	ND (3.6)	ND (3.6)
1,2,4-Trimethylbenzene	ug/m3	2	60	0.79 J	0.84 J	ND (0.43)	ND (0.43)	ND (1.7)	ND (1.7)	ND (1.7)
1,3,5-Trimethylbenzene	ug/m3	2	60	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (1.6)	ND (1.6)	ND (1.6)
2,2,4-Trimethylpentane	ug/m3	2	60	0.65 J	0.61 J	ND (0.19)	0.65 J	ND (0.75)	ND (0.75)	ND (0.75)
Tertiary Butyl Alcohol	ug/m3			1.8	1.6	ND (0.28)	ND (0.28)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrachloroethylene	ug/m3	3	100	0.35	0.35	ND (0.095)	0.28	ND (0.38)	18	ND (0.38)
Tetrahydrofuran	ug/m3			0.56 J	0.53 J	ND (0.27)	ND (0.27)	ND (1.1)	12	336
Toluene	ug/m3	10	300	5.7	5.3	ND (0.21)	2.2	ND (0.87)	ND (0.87)	ND (0.87)
Trichloroethylene	ug/m3	0.2	6	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.41)	1.7	ND (0.41)
Trichlorofluoromethane	ug/m3			1.1	1.1	ND (0.84)	1.1	ND (3.5)	184	ND (3.5)
Vinyl chloride	ug/m3	0.2	6	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.72)	ND (0.72)	ND (0.72)
Vinyl Acetate	ug/m3			ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (1.6)	ND (1.6)	ND (1.6)
m,p-Xylene	ug/m3	6	200	6.5	6.5	ND (0.61)	1.4	ND (2.4)	3.5	ND (2.4)
o-Xylene	ug/m3	2	60	2.7	2.7	ND (0.33)	0.61 J	ND (1.3)	3.1 J	ND (1.3)
Xylenes (total)	ug/m3			9.2	9.2	ND (0.33)	2	ND (1.3)	6.6	ND (1.3)

Attachment 1
Lab Report

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

130 Midland Avenue, Port Chester, NY

12365B

SGS Job Number: JD85406

Sampling Date: 03/28/24

Report to:

SESI Consulting Engineers

jam@sesi.org

ATTN: Jesse Mausner

Total number of pages in report: 37

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Kelly Ramos 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sample Summary

SESI Consulting Engineers

Job No: JD85406

130 Midland Avenue, Port Chester, NY
Project No: 12365B

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD85406-1	03/28/24	10:27	RR	03/28/24	AIR	Indoor Air Comp.	IA-1
JD85406-2	03/28/24	10:19	RR	03/28/24	AIR	Indoor Air Comp.	IA-2
JD85406-3	03/28/24	10:08	RR	03/28/24	AIR	Indoor Air Comp.	IA-3
JD85406-4	03/28/24	11:04	RR	03/28/24	AIR	Ambient Air Comp.	AA-1
JD85406-5	03/28/24	11:51	RR	03/28/24	AIR	Soil Vapor Comp.	SV-1
JD85406-6	03/28/24	11:28	RR	03/28/24	AIR	Soil Vapor Comp.	SV-2
JD85406-7	03/28/24	12:02	RR	03/28/24	AIR	Soil Vapor Comp.	SV-3

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	SESI Consulting Engineers	**Job No:**	JD85406
Site:	130 Midland Avenue, Port Chester, NY	**Report Date**	4/8/2024 5:51:47 AM

On 03/28/2024, 7 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of XXXXNO TEMPERATURE FOUNDXXXX °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD85406 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method TO-15

Matrix: AIR **Batch ID:** V7W225

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD85272-1DUP were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of Bromoform are outside control limits.
- JD85406-1 for Bromoform: This compound in blank spike is outside in house QC limits bias high.
- JD85406-2 for Bromoform: This compound in blank spike is outside in house QC limits bias high.
- JD85406-3 for Bromoform: This compound in blank spike is outside in house QC limits bias high.
- JD85406-4 for Bromoform: This compound in blank spike is outside in house QC limits bias high.
- V7W225-BS for Bromoform: High percent recovery and no associated positive reported in the QC batch.

Matrix: AIR **Batch ID:** V7W226

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD85430-1DUP were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of Bromoform, Dibromochloromethane are outside control limits.
- The duplicate RPD(s) for 2,2,4-Trimethylpentane, Ethylbenzene, Tetrahydrofuran are outside control limits for sample JD85430-1DUP. RPD acceptable due to low DUP and sample concentrations.
- V7W226-BS for Bromoform: High percent recovery and no associated positive reported in the QC batch.
- V7W226-BS for Dibromochloromethane: High percent recovery and no associated positive reported in the QC batch.
- JD85406-7 for Dibromochloromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-5 for Bromoform: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-5 for Dibromochloromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-6 for Bromoform: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-6 for Dibromochloromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD85406-7 for Bromoform: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD85406-1	**IA-1**					
Acetone (2-Propanone)		20.2	0.20	0.15	ppbv	TO-15
Benzene		0.32	0.20	0.024	ppbv	TO-15
Chloromethane		0.47	0.20	0.090	ppbv	TO-15
Cyclohexane		0.35	0.20	0.045	ppbv	TO-15
1,4-Dioxane		0.23	0.20	0.12	ppbv	TO-15
Dichlorodifluoromethane		0.31	0.20	0.10	ppbv	TO-15
Ethanol		34.0	0.50	0.39	ppbv	TO-15
Ethylbenzene		0.59	0.20	0.061	ppbv	TO-15
Ethyl Acetate		4.4	0.20	0.10	ppbv	TO-15
Heptane		0.34	0.20	0.045	ppbv	TO-15
Hexane		0.22	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol		3.2	0.20	0.14	ppbv	TO-15
Methylene chloride		0.65	0.20	0.056	ppbv	TO-15
Methyl ethyl ketone		1.5	0.20	0.11	ppbv	TO-15
Methyl Isobutyl Ketone		0.12 J	0.20	0.073	ppbv	TO-15
Methylmethacrylate		0.68	0.20	0.070	ppbv	TO-15
Styrene		1.1	0.20	0.053	ppbv	TO-15
1,2,4-Trimethylbenzene		0.16 J	0.20	0.087	ppbv	TO-15
2,2,4-Trimethylpentane		0.14 J	0.20	0.040	ppbv	TO-15
Tertiary Butyl Alcohol		0.58	0.20	0.093	ppbv	TO-15
Tetrachloroethylene		0.051	0.040	0.014	ppbv	TO-15
Tetrahydrofuran		0.19 J	0.20	0.090	ppbv	TO-15
Toluene		1.5	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane		0.19	0.10	0.15	ppbv	TO-15
m,p-Xylene		1.5	0.20	0.14	ppbv	TO-15
o-Xylene		0.63	0.20	0.077	ppbv	TO-15
Xylenes (total)		2.1	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)		48.0	0.48	0.36	ug/m3	TO-15
Benzene		1.0	0.64	0.077	ug/m3	TO-15
Chloromethane		0.97	0.41	0.19	ug/m3	TO-15
Cyclohexane		1.2	0.69	0.15	ug/m3	TO-15
1,4-Dioxane		0.83	0.72	0.43	ug/m3	TO-15
Dichlorodifluoromethane		1.5	0.99	0.49	ug/m3	TO-15
Ethanol		64.1	0.94	0.73	ug/m3	TO-15
Ethylbenzene		2.6	0.87	0.26	ug/m3	TO-15
Ethyl Acetate		16	0.72	0.36	ug/m3	TO-15
Heptane		1.4	0.82	0.18	ug/m3	TO-15
Hexane		0.78	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol		7.9	0.49	0.34	ug/m3	TO-15
Methylene chloride		2.3	0.69	0.19	ug/m3	TO-15
Methyl ethyl ketone		4.4	0.59	0.32	ug/m3	TO-15
Methyl Isobutyl Ketone		0.49 J	0.82	0.30	ug/m3	TO-15
Methylmethacrylate		2.8	0.82	0.29	ug/m3	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Styrene		4.7	0.85	0.23	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.79 J	0.98	0.43	ug/m3	TO-15
2,2,4-Trimethylpentane		0.65 J	0.93	0.19	ug/m3	TO-15
Tertiary Butyl Alcohol		1.8	0.61	0.28	ug/m3	TO-15
Tetrachloroethylene		0.35	0.27	0.095	ug/m3	TO-15
Tetrahydrofuran		0.56 J	0.59	0.27	ug/m3	TO-15
Toluene		5.7	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane		1.1	0.56	0.84	ug/m3	TO-15
m,p-Xylene		6.5	0.87	0.61	ug/m3	TO-15
o-Xylene		2.7	0.87	0.33	ug/m3	TO-15
Xylenes (total)		9.2	0.87	0.33	ug/m3	TO-15
JD85406-2	**IA-2**					
Acetone (2-Propanone)		19.5	0.20	0.15	ppbv	TO-15
Benzene		0.31	0.20	0.024	ppbv	TO-15
Chloromethane		0.48	0.20	0.090	ppbv	TO-15
Cyclohexane		0.34	0.20	0.045	ppbv	TO-15
1,4-Dioxane		0.22	0.20	0.12	ppbv	TO-15
Dichlorodifluoromethane		0.31	0.20	0.10	ppbv	TO-15
Ethanol		31.3	0.50	0.39	ppbv	TO-15
Ethylbenzene		0.59	0.20	0.061	ppbv	TO-15
Ethyl Acetate		5.1	0.20	0.10	ppbv	TO-15
Heptane		0.33	0.20	0.045	ppbv	TO-15
Hexane		0.54	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol		3.0	0.20	0.14	ppbv	TO-15
Methylene chloride		1.1	0.20	0.056	ppbv	TO-15
Methyl ethyl ketone		1.4	0.20	0.11	ppbv	TO-15
Methyl Isobutyl Ketone		0.11 J	0.20	0.073	ppbv	TO-15
Methylmethacrylate		0.70	0.20	0.070	ppbv	TO-15
Styrene		1.1	0.20	0.053	ppbv	TO-15
1,2,4-Trimethylbenzene		0.17 J	0.20	0.087	ppbv	TO-15
2,2,4-Trimethylpentane		0.13 J	0.20	0.040	ppbv	TO-15
Tertiary Butyl Alcohol		0.53	0.20	0.093	ppbv	TO-15
Tetrachloroethylene		0.051	0.040	0.014	ppbv	TO-15
Tetrahydrofuran		0.18 J	0.20	0.090	ppbv	TO-15
Toluene		1.4	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane		0.19	0.10	0.15	ppbv	TO-15
m,p-Xylene		1.5	0.20	0.14	ppbv	TO-15
o-Xylene		0.62	0.20	0.077	ppbv	TO-15
Xylenes (total)		2.1	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)		46.3	0.48	0.36	ug/m3	TO-15
Benzene		0.99	0.64	0.077	ug/m3	TO-15
Chloromethane		0.99	0.41	0.19	ug/m3	TO-15
Cyclohexane		1.2	0.69	0.15	ug/m3	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
1,4-Dioxane	0.79	0.72	0.43	ug/m3	TO-15
Dichlorodifluoromethane	1.5	0.99	0.49	ug/m3	TO-15
Ethanol	59.0	0.94	0.73	ug/m3	TO-15
Ethylbenzene	2.6	0.87	0.26	ug/m3	TO-15
Ethyl Acetate	18	0.72	0.36	ug/m3	TO-15
Heptane	1.4	0.82	0.18	ug/m3	TO-15
Hexane	1.9	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol	7.4	0.49	0.34	ug/m3	TO-15
Methylene chloride	3.8	0.69	0.19	ug/m3	TO-15
Methyl ethyl ketone	4.1	0.59	0.32	ug/m3	TO-15
Methyl Isobutyl Ketone	0.45 J	0.82	0.30	ug/m3	TO-15
Methylmethacrylate	2.9	0.82	0.29	ug/m3	TO-15
Styrene	4.7	0.85	0.23	ug/m3	TO-15
1,2,4-Trimethylbenzene	0.84 J	0.98	0.43	ug/m3	TO-15
2,2,4-Trimethylpentane	0.61 J	0.93	0.19	ug/m3	TO-15
Tertiary Butyl Alcohol	1.6	0.61	0.28	ug/m3	TO-15
Tetrachloroethylene	0.35	0.27	0.095	ug/m3	TO-15
Tetrahydrofuran	0.53 J	0.59	0.27	ug/m3	TO-15
Toluene	5.3	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane	1.1	0.56	0.84	ug/m3	TO-15
m,p-Xylene	6.5	0.87	0.61	ug/m3	TO-15
o-Xylene	2.7	0.87	0.33	ug/m3	TO-15
Xylenes (total)	9.2	0.87	0.33	ug/m3	TO-15
JD85406-3 IA-3					
Acetone (2-Propanone)	9.2	0.20	0.15	ppbv	TO-15
Chloromethane	0.48	0.20	0.090	ppbv	TO-15
Dichlorodifluoromethane	0.31	0.20	0.10	ppbv	TO-15
Ethanol	23.7	0.50	0.39	ppbv	TO-15
Hexane	0.14 J	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol	0.37	0.20	0.14	ppbv	TO-15
Methylene chloride	1.0	0.20	0.056	ppbv	TO-15
Acetone (2-Propanone)	22	0.48	0.36	ug/m3	TO-15
Chloromethane	0.99	0.41	0.19	ug/m3	TO-15
Dichlorodifluoromethane	1.5	0.99	0.49	ug/m3	TO-15
Ethanol	44.7	0.94	0.73	ug/m3	TO-15
Hexane	0.49 J	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol	0.91	0.49	0.34	ug/m3	TO-15
Methylene chloride	3.5	0.69	0.19	ug/m3	TO-15
JD85406-4 AA-1					
Acetone (2-Propanone)	2.2	0.20	0.15	ppbv	TO-15
Benzene	0.29	0.20	0.024	ppbv	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Chloromethane	0.40	0.20	0.090	ppbv	TO-15
Dichlorodifluoromethane	0.32	0.20	0.10	ppbv	TO-15
Ethanol	3.2	0.50	0.39	ppbv	TO-15
Ethylbenzene	0.11 J	0.20	0.061	ppbv	TO-15
Ethyl Acetate	4.1	0.20	0.10	ppbv	TO-15
Heptane	0.16 J	0.20	0.045	ppbv	TO-15
Hexane	0.30	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol	0.56	0.20	0.14	ppbv	TO-15
Methylene chloride	0.34	0.20	0.056	ppbv	TO-15
Methyl ethyl ketone	0.14 J	0.20	0.11	ppbv	TO-15
2,2,4-Trimethylpentane	0.14 J	0.20	0.040	ppbv	TO-15
Tetrachloroethylene	0.041	0.040	0.014	ppbv	TO-15
Toluene	0.58	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane	0.19	0.10	0.15	ppbv	TO-15
m,p-Xylene	0.32	0.20	0.14	ppbv	TO-15
o-Xylene	0.14 J	0.20	0.077	ppbv	TO-15
Xylenes (total)	0.46	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)	5.2	0.48	0.36	ug/m3	TO-15
Benzene	0.93	0.64	0.077	ug/m3	TO-15
Chloromethane	0.83	0.41	0.19	ug/m3	TO-15
Dichlorodifluoromethane	1.6	0.99	0.49	ug/m3	TO-15
Ethanol	6.0	0.94	0.73	ug/m3	TO-15
Ethylbenzene	0.48 J	0.87	0.26	ug/m3	TO-15
Ethyl Acetate	15	0.72	0.36	ug/m3	TO-15
Heptane	0.66 J	0.82	0.18	ug/m3	TO-15
Hexane	1.1	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol	1.4	0.49	0.34	ug/m3	TO-15
Methylene chloride	1.2	0.69	0.19	ug/m3	TO-15
Methyl ethyl ketone	0.41 J	0.59	0.32	ug/m3	TO-15
2,2,4-Trimethylpentane	0.65 J	0.93	0.19	ug/m3	TO-15
Tetrachloroethylene	0.28	0.27	0.095	ug/m3	TO-15
Toluene	2.2	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane	1.1	0.56	0.84	ug/m3	TO-15
m,p-Xylene	1.4	0.87	0.61	ug/m3	TO-15
o-Xylene	0.61 J	0.87	0.33	ug/m3	TO-15
Xylenes (total)	2.0	0.87	0.33	ug/m3	TO-15
JD85406-5 SV-1					
Acetone (2-Propanone)	2.8	0.80	0.58	ppbv	TO-15
Chloromethane	0.52 J	0.80	0.36	ppbv	TO-15
Ethanol	3.6	2.0	1.6	ppbv	TO-15
Ethyl Acetate	6.2	0.80	0.42	ppbv	TO-15
Acetone (2-Propanone)	6.7	1.9	1.4	ug/m3	TO-15
Chloromethane	1.1 J	1.7	0.74	ug/m3	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethanol		6.8	3.8	3.0	ug/m3	TO-15
Ethyl Acetate		22	2.9	1.5	ug/m3	TO-15
JD85406-6	**SV-2**					
Carbon disulfide		0.81	0.80	0.18	ppbv	TO-15
Chloroform		0.48 J	0.80	0.15	ppbv	TO-15
Dichlorodifluoromethane		4.6	0.80	0.42	ppbv	TO-15
Ethanol		4.3	2.0	1.6	ppbv	TO-15
Ethylbenzene		0.71 J	0.80	0.24	ppbv	TO-15
Ethyl Acetate		1.8	0.80	0.42	ppbv	TO-15
Hexane		0.24 J	0.80	0.21	ppbv	TO-15
2-Hexanone		1.3	0.80	0.58	ppbv	TO-15
Methyl ethyl ketone		3.4	0.80	0.44	ppbv	TO-15
Propylene		50.1	2.0	0.57	ppbv	TO-15
Styrene		6.7	0.80	0.21	ppbv	TO-15
Tetrachloroethylene		2.7	0.16	0.056	ppbv	TO-15
Tetrahydrofuran		3.9	0.80	0.36	ppbv	TO-15
Trichloroethylene		0.31	0.16	0.076	ppbv	TO-15
Trichlorofluoromethane		32.7	0.40	0.62	ppbv	TO-15
m,p-Xylene		0.80	0.80	0.56	ppbv	TO-15
o-Xylene		0.71 J	0.80	0.31	ppbv	TO-15
Xylenes (total)		1.5	0.80	0.31	ppbv	TO-15
Carbon disulfide		2.5	2.5	0.56	ug/m3	TO-15
Chloroform		2.3 J	3.9	0.73	ug/m3	TO-15
Dichlorodifluoromethane		23	4.0	2.1	ug/m3	TO-15
Ethanol		8.1	3.8	3.0	ug/m3	TO-15
Ethylbenzene		3.1 J	3.5	1.0	ug/m3	TO-15
Ethyl Acetate		6.5	2.9	1.5	ug/m3	TO-15
Hexane		0.85 J	2.8	0.74	ug/m3	TO-15
2-Hexanone		5.3	3.3	2.4	ug/m3	TO-15
Methyl ethyl ketone		10	2.4	1.3	ug/m3	TO-15
Propylene		86.1	3.4	0.98	ug/m3	TO-15
Styrene		29	3.4	0.89	ug/m3	TO-15
Tetrachloroethylene		18	1.1	0.38	ug/m3	TO-15
Tetrahydrofuran		12	2.4	1.1	ug/m3	TO-15
Trichloroethylene		1.7	0.86	0.41	ug/m3	TO-15
Trichlorofluoromethane		184	2.2	3.5	ug/m3	TO-15
m,p-Xylene		3.5	3.5	2.4	ug/m3	TO-15
o-Xylene		3.1 J	3.5	1.3	ug/m3	TO-15
Xylenes (total)		6.6	3.5	1.3	ug/m3	TO-15
JD85406-7	**SV-3**					
Acetone (2-Propanone)		8.5	0.80	0.58	ppbv	TO-15

Summary of Hits

Job Number: JD85406
Account: SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Collected: 03/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chloromethane		0.59 J	0.80	0.36	ppbv	TO-15
Ethanol		2.4	2.0	1.6	ppbv	TO-15
Ethyl Acetate		1.7	0.80	0.42	ppbv	TO-15
Methyl ethyl ketone		2.7	0.80	0.44	ppbv	TO-15
Tetrahydrofuran		114	0.80	0.36	ppbv	TO-15
Acetone (2-Propanone)		20	1.9	1.4	ug/m3	TO-15
Chloromethane		1.2 J	1.7	0.74	ug/m3	TO-15
Ethanol		4.5	3.8	3.0	ug/m3	TO-15
Ethyl Acetate		6.1	2.9	1.5	ug/m3	TO-15
Methyl ethyl ketone		8.0	2.4	1.3	ug/m3	TO-15
Tetrahydrofuran		336	2.4	1.1	ug/m3	TO-15

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: IA-1
Lab Sample ID: JD85406-1
Matrix: AIR - Indoor Air Comp. Summa ID: M171
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05940.D	1	04/04/24 01:19	TS	n/a	n/a	V7W225
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	20.2	0.20	0.15	ppbv		48.0	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	0.32	0.20	0.024	ppbv		1.0	0.64	0.077	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.47	0.20	0.090	ppbv		0.97	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	0.35	0.20	0.045	ppbv		1.2	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	0.23	0.20	0.12	ppbv		0.83	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.31	0.20	0.10	ppbv		1.5	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.052	ppbv		ND	0.85	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.040	ppbv		ND	0.60	0.24	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-1
Lab Sample ID: JD85406-1
Matrix: AIR - Indoor Air Comp. Summa ID: M171
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	34.0	0.50	0.39	ppbv		64.1	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	0.59	0.20	0.061	ppbv		2.6	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	4.4	0.20	0.10	ppbv		16	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	0.34	0.20	0.045	ppbv		1.4	0.82	0.18	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.22	0.20	0.052	ppbv		0.78	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.2	0.20	0.14	ppbv		7.9	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	0.65	0.20	0.056	ppbv		2.3	0.69	0.19	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.5	0.20	0.11	ppbv		4.4	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.12	0.20	0.073	ppbv	J	0.49	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	0.68	0.20	0.070	ppbv		2.8	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	1.1	0.20	0.053	ppbv		4.7	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.037	ppbv		ND	0.55	0.20	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.16	0.20	0.087	ppbv	J	0.79	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.14	0.20	0.040	ppbv	J	0.65	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.58	0.20	0.093	ppbv		1.8	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.051	0.040	0.014	ppbv		0.35	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.19	0.20	0.090	ppbv	J	0.56	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	1.5	0.20	0.057	ppbv		5.7	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.19	0.10	0.15	ppbv		1.1	0.56	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	0.39	ug/m3
	106.2	m,p-Xylene	1.5	0.20	0.14	ppbv		6.5	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	0.63	0.20	0.077	ppbv		2.7	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	2.1	0.20	0.077	ppbv		9.2	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA-1		
Lab Sample ID:	JD85406-1	**Date Sampled:**	03/28/24
Matrix:	AIR - Indoor Air Comp. Summa ID: M171	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-2
Lab Sample ID: JD85406-2
Matrix: AIR - Indoor Air Comp. Summa ID: A631
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05939.D	1	04/04/24 00:38	TS	n/a	n/a	V7W225
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	19.5	0.20	0.15	ppbv		46.3	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	0.31	0.20	0.024	ppbv		0.99	0.64	0.077	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.48	0.20	0.090	ppbv		0.99	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	0.34	0.20	0.045	ppbv		1.2	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	0.22	0.20	0.12	ppbv		0.79	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.31	0.20	0.10	ppbv		1.5	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.052	ppbv		ND	0.85	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.040	ppbv		ND	0.60	0.24	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-2
Lab Sample ID: JD85406-2
Matrix: AIR - Indoor Air Comp. Summa ID: A631
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	31.3	0.50	0.39	ppbv		59.0	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	0.59	0.20	0.061	ppbv		2.6	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	5.1	0.20	0.10	ppbv		18	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	0.33	0.20	0.045	ppbv		1.4	0.82	0.18	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.54	0.20	0.052	ppbv		1.9	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.0	0.20	0.14	ppbv		7.4	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	1.1	0.20	0.056	ppbv		3.8	0.69	0.19	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.4	0.20	0.11	ppbv		4.1	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.11	0.20	0.073	ppbv	J	0.45	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	0.70	0.20	0.070	ppbv		2.9	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	1.1	0.20	0.053	ppbv		4.7	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.037	ppbv		ND	0.55	0.20	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.17	0.20	0.087	ppbv	J	0.84	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.13	0.20	0.040	ppbv	J	0.61	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.53	0.20	0.093	ppbv		1.6	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.051	0.040	0.014	ppbv		0.35	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.18	0.20	0.090	ppbv	J	0.53	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	1.4	0.20	0.057	ppbv		5.3	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.19	0.10	0.15	ppbv		1.1	0.56	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	0.39	ug/m3
	106.2	m,p-Xylene	1.5	0.20	0.14	ppbv		6.5	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	0.62	0.20	0.077	ppbv		2.7	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	2.1	0.20	0.077	ppbv		9.2	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA-2		
Lab Sample ID:	JD85406-2	**Date Sampled:**	03/28/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A631	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-3
Lab Sample ID: JD85406-3
Matrix: AIR - Indoor Air Comp. Summa ID: A1177
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05941.D	1	04/04/24 01:59	TS	n/a	n/a	V7W225
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	9.2	0.20	0.15	ppbv		22	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	ND	0.20	0.024	ppbv		ND	0.64	0.077	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.48	0.20	0.090	ppbv		0.99	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.31	0.20	0.10	ppbv		1.5	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.052	ppbv		ND	0.85	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.040	ppbv		ND	0.60	0.24	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-3
Lab Sample ID: JD85406-3
Matrix: AIR - Indoor Air Comp. Summa ID: A1177
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	23.7	0.50	0.39	ppbv		44.7	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	ND	0.20	0.045	ppbv		ND	0.82	0.18	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.14	0.20	0.052	ppbv	J	0.49	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.37	0.20	0.14	ppbv		0.91	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	1.0	0.20	0.056	ppbv		3.5	0.69	0.19	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.053	ppbv		ND	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.037	ppbv		ND	0.55	0.20	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	ND	0.20	0.057	ppbv		ND	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.10	0.15	ppbv		ND	0.56	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	0.39	ug/m3
	106.2	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA-3		
Lab Sample ID:	JD85406-3	**Date Sampled:**	03/28/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A1177	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AA-1
Lab Sample ID: JD85406-4
Matrix: AIR - Ambient Air Comp. Summa ID: M121
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05942.D	1	04/04/24 02:40	TS	n/a	n/a	V7W225
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	2.2	0.20	0.15	ppbv		5.2	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	0.29	0.20	0.024	ppbv		0.93	0.64	0.077	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.40	0.20	0.090	ppbv		0.83	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.32	0.20	0.10	ppbv		1.6	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.052	ppbv		ND	0.85	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.040	ppbv		ND	0.60	0.24	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AA-1
Lab Sample ID: JD85406-4
Matrix: AIR - Ambient Air Comp. Summa ID: M121
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	3.2	0.50	0.39	ppbv		6.0	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	0.11	0.20	0.061	ppbv	J	0.48	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	4.1	0.20	0.10	ppbv		15	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	0.16	0.20	0.045	ppbv	J	0.66	0.82	0.18	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.30	0.20	0.052	ppbv		1.1	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.56	0.20	0.14	ppbv		1.4	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	0.34	0.20	0.056	ppbv		1.2	0.69	0.19	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.14	0.20	0.11	ppbv	J	0.41	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.053	ppbv		ND	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.037	ppbv		ND	0.55	0.20	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.14	0.20	0.040	ppbv	J	0.65	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.041	0.040	0.014	ppbv		0.28	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	0.58	0.20	0.057	ppbv		2.2	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.19	0.10	0.15	ppbv		1.1	0.56	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	0.39	ug/m3
	106.2	m,p-Xylene	0.32	0.20	0.14	ppbv		1.4	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	0.14	0.20	0.077	ppbv	J	0.61	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	0.46	0.20	0.077	ppbv		2.0	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AA-1		
Lab Sample ID:	JD85406-4	**Date Sampled:**	03/28/24
Matrix:	AIR - Ambient Air Comp. Summa ID: M121	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-1
Lab Sample ID: JD85406-5
Matrix: AIR - Soil Vapor Comp. Summa ID: A1860
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05955.D	1	04/04/24 13:06	TS	n/a	n/a	V7W226
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	2.8	0.80	0.58	ppbv		6.7	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.096	ppbv		ND	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	0.52	0.80	0.36	ppbv	J	1.1	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane [a]	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-1
Lab Sample ID: JD85406-5
Matrix: AIR - Soil Vapor Comp. Summa ID: A1860
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	3.6	2.0	1.6	ppbv		6.8	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	6.2	0.80	0.42	ppbv		22	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	ND	0.80	0.21	ppbv		ND	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.44	ppbv		ND	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.62	ppbv		ND	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-1		
Lab Sample ID:	JD85406-5	**Date Sampled:**	03/28/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1860	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-2
Lab Sample ID: JD85406-6
Matrix: AIR - Soil Vapor Comp. Summa ID: A2009
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05956.D	1	04/04/24 13:42	TS	n/a	n/a	V7W226
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	ND	0.80	0.58	ppbv		ND	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.096	ppbv		ND	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	0.81	0.80	0.18	ppbv		2.5	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	0.48	0.80	0.15	ppbv	J	2.3	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	4.6	0.80	0.42	ppbv		23	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane [a]	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-2
Lab Sample ID: JD85406-6
Matrix: AIR - Soil Vapor Comp. Summa ID: A2009
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	4.3	2.0	1.6	ppbv		8.1	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	0.71	0.80	0.24	ppbv	J	3.1	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	1.8	0.80	0.42	ppbv		6.5	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	0.24	0.80	0.21	ppbv	J	0.85	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	1.3	0.80	0.58	ppbv		5.3	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.4	0.80	0.44	ppbv		10	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	50.1	2.0	0.57	ppbv		86.1	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	6.7	0.80	0.21	ppbv		29	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.7	0.16	0.056	ppbv		18	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	3.9	0.80	0.36	ppbv		12	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	0.31	0.16	0.076	ppbv		1.7	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	32.7	0.40	0.62	ppbv		184	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	0.80	0.80	0.56	ppbv		3.5	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	0.71	0.80	0.31	ppbv	J	3.1	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	1.5	0.80	0.31	ppbv		6.6	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-2		
Lab Sample ID:	JD85406-6	**Date Sampled:**	03/28/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2009	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-3
Lab Sample ID: JD85406-7
Matrix: AIR - Soil Vapor Comp. Summa ID: A1206
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W05957.D	1	04/04/24 14:17	TS	n/a	n/a	V7W226
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	8.5	0.80	0.58	ppbv		20	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.096	ppbv		ND	2.6	0.31	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv		ND	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	0.59	0.80	0.36	ppbv	J	1.2	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane [a]	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-3
Lab Sample ID: JD85406-7
Matrix: AIR - Soil Vapor Comp. Summa ID: A1206
Method: TO-15
Project: 130 Midland Avenue, Port Chester, NY

Date Sampled: 03/28/24
Date Received: 03/28/24
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	2.4	2.0	1.6	ppbv		4.5	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	1.7	0.80	0.42	ppbv		6.1	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.18	ppbv		ND	3.3	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	ND	0.80	0.21	ppbv		ND	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.22	ppbv		ND	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.7	0.80	0.44	ppbv		8.0	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	114	0.80	0.36	ppbv		336	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.62	ppbv		ND	2.2	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-3		
Lab Sample ID:	JD85406-7	**Date Sampled:**	03/28/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1206	**Date Received:**	03/28/24
Method:	TO-15	**Percent Solids:**	n/a
Project:	130 Midland Avenue, Port Chester, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

SGS

SUMMA

AIR CHAIN OF CUSTODY

JD85406 PAGE 1 OF 1

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking #
Bottle Order Control # B03 0319 24 - 97
SGS Quote #
SGS Job #

Client / Reporting Information		Project Information		Weather Parameters	
Company Name: SESI		Project Name: 130 MIDLAND		Temperature (Fahrenheit) Start: 800	Maximum: 50
Address: 959 RT 46 #13,300		Street: 130 MIDLAND Portchester, NY		Stop: 1300	Minimum: 43
City: Parsippany, NJ	State / Zip: 07054	City: Port Chester	State: NY	Atmoshpheric Pressure (inches of Hg) Start: 800	Maximum:
Project Contact: Jesse Manshner	E-mail: JAM@SESI.org	Project #: 12365 B		Stop: 1300	Minimum: 29.95
Phone #: 973 809 2079	Fax #	Client Purchase Order #		Other weather comments: Rainy	
Sampler(s) Name(s)					

Requested Analysis: TO-15

Lab Sample #	Field ID / Point of Collection	Air Type Indoor (I) Soil Vap (SV) Ambient (A)	Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Date	Start Time (24hr clock)	Start Canister Pressure ("Hg)	Start Interior Temp (F)	Start Sampler Init.	Stop Date	Stop Time (24hr clock)	Stop Canister Pressure ("Hg)	Stop Interior Temp (F)	Stop Sampler Init.	TO-15
1	IA-1	I	M171	6L	FC673	3/28/24	955	-30		RP	3/28/24	1027	-1.0		RP	X
2	IA-2	↓	A631	6L	FC651	↓	945	-31		↓	↓	1019	-5.0		↓	↓
3	IA-3	↓	A1177	6L	FC993	↓	935	-26		↓	↓	1008	-2.0		↓	↓
4	AA-1	A	M121	↓	FC763	↓	1035	-30		↓	↓	1104	-4.0		↓	↓
5	SV-1	SV	A1860	↓	FC909	↓	1115	-28		↓	↓	1151	-1		↓	↓
6	SV-2	↓	A2009	↓	FC1072	↓	1046	-29		↓	↓	1128	-4		↓	↓
7	SV-3	↓	A1206	↓	FC1241	↓	1130	-29		↓	↓	1202	-5		↓	↓

Turnaround Time (Business days)
- [x] Standard - 15 Days — SESI Standard (4 TAT)
- [ ] 10 Day
- [ ] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day
- [ ] Other

Approved By: ______
Date: ______

Data Deliverable Information
All NJDEP TO-15 is Mandatory Full T1
- Comm A
- Comm B
- Reduced T2
- Full T1 (X)
- Other:
- DKQP reporting

Comments / Remarks
Initial Assessment 4/AEw
Label Verification ______

Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by	Date Time	Received By	Relinquished By	Date Time	Received By
Relinquished by Laboratory: 1	3/27/24 7:00	1 (signature) 3/28/24 19:16	2		2
Relinquished by: 3 RP	3/28/24 21:58	3 Dinner hiro-Ingenue 100	4		4 (signature)
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #		

Form:SM088-03D (revised 2-12-18)

http://www.sgs.com/en/terms-and-conditions

JD85406: Chain of Custody
Page 1 of 2

5.1 5

SGS Sample Receipt Summary

Job Number: JD85406 **Client:** SESI CONSULTING ENGINEERS **Project:** 130 MIDLAND AVENUE, PORT CHESTER,

Date / Time Received: 3/28/2024 7:16:00 PM **Delivery Method:** SGS **Airbill #'s:**

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:	N/A		
3. Cooler media:	N/A		
4. No. Coolers:	N/A		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Summa Canister and Flow Controller Log

Job Number: JD85406
Account: SESINJPB SESI Consulting Engineers
Project: 130 Midland Avenue, Port Chester, NY
Received: 03/28/24

SUMMA CANISTERS

Shipping							Receiving					
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
M171	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-1	03/29/24	JT		0		1
A631	6	29	03/26/24	BK	CP12714	3W85888.D	JD85406-2	03/29/24	JT	3			1
A1177	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-3	03/29/24	JT	3			1
M121	6	29.5	03/26/24	BK	CP12712	8W05344.D	JD85406-4	03/29/24	JT		0		1
A1860	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-5	03/29/24	JT	4.5			1
A2009	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-6	03/29/24	JT	2			1
A1206	6	29.5	03/26/24	BK	CP12714	3W85888.D	JD85406-7	03/29/24	JT		0		1

FLOW CONTROLLERS / OTHER

Shipping					Receiving				
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Flow RPD	Equipment Type
FC651	03/26/24	ML	167	.5	03/31/24	ML	168	0.6	Flow Controller
FC673	03/26/24	ML	165	.5	03/31/24	ML	167	1.2	Flow Controller
FC763	03/26/24	ML	166	.5	03/31/24	ML	167	0.6	Flow Controller
FC909	03/26/24	ML	168	.5	03/31/24	ML	167	0.6	Flow Controller
FC993	03/26/24	ML	166	.5	03/31/24	ML	167	0.6	Flow Controller
FC1022	03/26/24	ML	165	.5	03/31/24	ML	167	1.2	Flow Controller
FC1241	03/26/24	ML	165	.5	03/31/24	ML	167	1.2	Flow Controller

SGS Bottle Order(s):
BW-031924-97

Prep Date	Room Temp(F)	Bar Pres "Hg
03/26/24	70	29.92

Attachment 2
Questionnaire

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 Ronnie Reynoso Date/Time Prepared 3/28/24 ~830-900 Am

Preparer's Affiliation SESI Phone No. 973 518 8775

Purpose of Investigation Sub-slab & Ambient / Indoor Air Sample Collection

1. OCCUPANT:

Interviewed: Y / N

Last Name: floor and decor First Name: Micah Salvesten & Jena (floor + decor manager)

Address: 130 midland portchester, NY

County: Westchester County

Home Phone: — Office Phone: Micah (845) 300 6837

Number of Occupants/persons at this location ~40+ staff ~15+ customers/shoppers Age of Occupants 18+

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

Interviewed: Y / N

Last Name: Leahey First Name: Kevin

Address: 168B Irving Ave, Port Chester

County: Westchester County

Home Phone: N/A Office Phone: 646 872 5660

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	**[Commercial/Multi-use]** (circled)
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: N/A

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) Floor & Decor (Flooring Store)

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

Other characteristics:

Number of floors 1 Building age New (few months, New Construction)

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

Upward flow of air; flow toward entrances / exits

Outdoor air infiltration

Air leaves / flows through entrances / EXITS, Emergency doors & Loading docks on the Northern portion of buiding.

Infiltration into air ducts

~~Air ducts~~ Air ducts present on ceiling

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 No Basement
c. Basement floor:	concrete	dirt	stone	other None
d. Basement floor:	uncovered	covered	covered with None	
e. Concrete floor:	unsealed	sealed	sealed with ? Unknown to staff	
f. Foundation walls:	poured	block	stone	other None
g. Foundation walls:	unsealed	sealed	sealed with None	
h. The basement is:	wet	damp	dry	moldy no Basement
i. The basement is:	finished	unfinished	partially finished	No Basement
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			No Sump Present

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

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

Utility lines?, Sewer/Drains. No cracks on cap.

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

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

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

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: electricity

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other _____	← Roof
Air conditioning:	Central Air	Window units	Open Windows	None	← Roof

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.

Visible on ceilings, Appear New ~~Since which~~ Corroborated by fact that Building Is new construction.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never No Basement (N/A)

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A
1st Floor	Flooring Retail / commercial use
2nd Floor	—
3rd Floor	—
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 Forklift & loading bay

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? N/E by Management office (Wood cutting?)

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? Y / (N) When & Type? Prior Afternoon, cleaning supplies

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? No paint according to Micah Lewis

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

l. Have air fresheners been used recently? Y / (N) When & Type? _____

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

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? out of facility / Building

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

p. Has there been a pesticide application? Y / (N) When & Type? _____

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

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

If yes, what types of solvents are used? _____

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

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

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
(Unknown) ← likely NO, but all staff were not asked just Micah / Jenna

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: Summer 2003 (per SSDS)
Is the system active or passive? Active/~~Passive~~

9. WATER AND SEWAGE

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

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

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

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

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

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

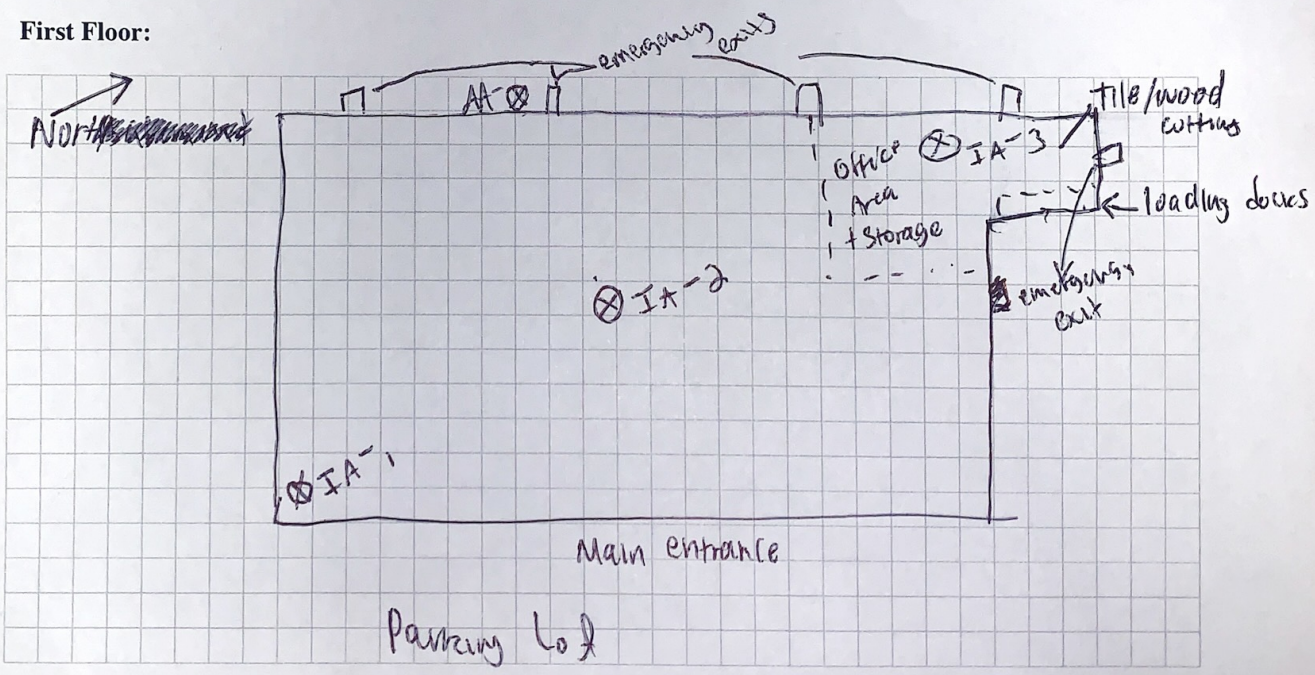
11. FLOOR PLANS

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

Basement:

No Basement

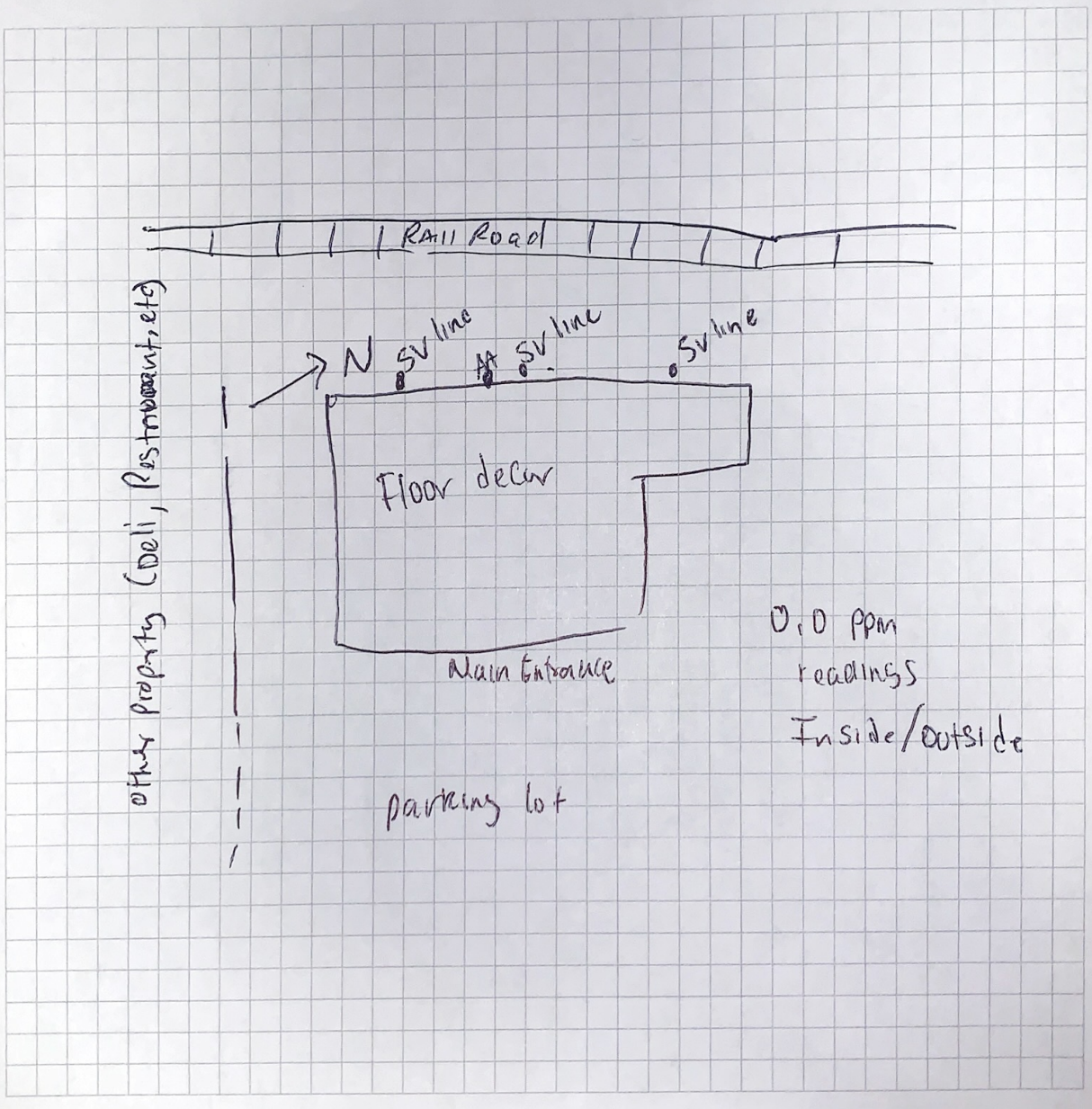
First Floor:



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: MiniRAE 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
Janitors Closet	Glass Cleaning supply	1x 1lb	U	N/A	0ppm unopened	N
↓	Floor Cleaner (Tabulosa)	1x 1lb	U	Sodium Dodecyl Benzene Sulfonate	0 PPP unopened	↓
Bathroom	Bathroom Scented Soap	1x 0.5lb	U	N/A	0ppm unopened	↓

* 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.