March 28, 2024

Mr. Joe Jones
Project Manager
Division of Environmental Remediation
50 Circle Road, Stony Brook, NY 11790

Re: SSDS Performance Assessment Report
Site # 130043B
567 Main Street, Westbury, New York

Dear Mr. Jones:
Tyll Engineering and Consulting, PC (TEC) has prepared this report to summarize the soil vapor sampling at the above referenced property in accordance with the SSDS Performance Assessment Work Plan and approved by the NYSDEC on February 5, 2024.

Background
As per the January 2023 Sub-Slab Depressurization Workplan, engineering controls in the form of a sub-slab depressurization system (SSDS) have been installed at the site since March 2023 to maintain acceptable indoor air quality. The system was put in operation on March 6, 2023 and has been in continuous operation since. Since the SSDS was installed, the tenant has added an epoxy coating to the concrete floor.

Methodology
As per the SSDS Performance Assessment Work Plan dated December 20, 2023 (and approved by the NYSDEC on February 5, 2024), the performance monitoring was completed on February 27, 2024. The SSDS system was in operation during the sampling event.

All samples were collected using 6.0 Liter SUMMA canisters with regulators calibrated to fill over a period of eight hours. The two Summa canisters were opened and sampling of the indoor air began early the morning of February 27th. The outside (ambient air) canister was set on a pail outside the rear door of the building. This location borders many automotive and industrial use facilities.

Canister Field Sampling logs are included as Attachment A and representative photos are included in Attachment B. Many vehicles in many forms of repair were inside the building and many petroleum based and other fluids used in vehicle repair were observed throughout the facility. The NYSDOH IAQ and Building Inventory is included in Attachment E.

The samples were picked up by lab courier and brought to Alpha Analytical Laboratories, Mansfield, MA (NYSDOH ELAP #11627). EPA Method TO-15 SIM and TO-15 Low Level for the five requested compounds (below 0.20 ug/m^3) was used to analyze the air samples.

The pressures were measured with a digital pressure meter at 3 of the 4 vacuum monitoring points that were installed along with the SSDS system. One of the points was covered by the epoxy coating and we were unable to locate it. The measured pressures are included on Figure 1.

Results

The laboratory report is provided in Attachment C and the results in ug/m^3 are summarized on Table 1. There were detections of many analytes (not from the NYSDOH Decision Matrices) observed in both indoor and outdoor air samples. Of the eight analytes that are featured on the NYSDOH Decision Matrices A, B, and C, there were only minor detections of Carbon tetrachloride and PCE in the outdoor and indoor air samples.

The Data Usability Summary Report for the soil vapor results will be included in Attachment D once received. EQUIS will be submitted as soon as possible.

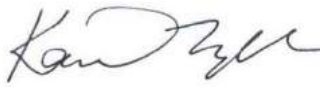
Conclusions

The facility is an automobile repair and modification facility for Jeeps. During the inspection, many vehicles in various states of repair were observed along with shelves of automobile repair/maintenance fluids along with a Safety Kleen degreaser pan on top of a 55 gallon drum (mineral spirits).

We believe that the SSDS system is operating as designed and the potential for SVI has been greatly reduced.

Please let me know if you have any questions.

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC



Karen G. Tyll, PE
President

eCC Richard Roenbeck & Richard Degenhardt , HDP Printing
Kenneth Robinson, Esq.
Richard Mustico, NYSDEC
Bob Corcoran, NYSDEC
Alali Tamuno, NYSDEC
Sara Bogardus, NYSDOH
Charlotte Bethoney, NYSDOH

TABLES

TABLE 1
SSDS PERFORMANCE ASSESMENT
TO-15 LL/SIM Analysis
567 Main Street, Westbury, New York

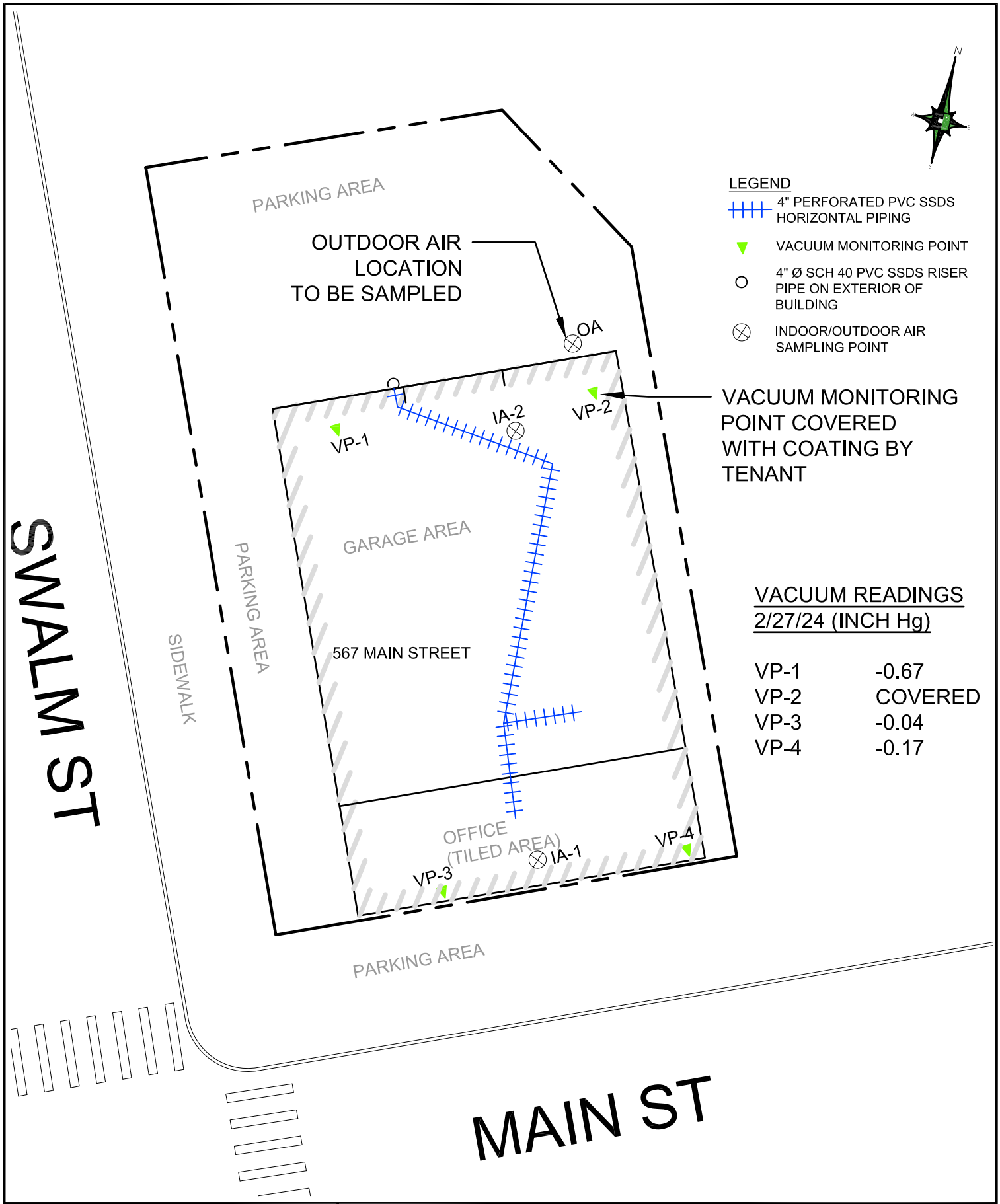
LOCATION	**OA-1**	**IA-2**	**IA-3**
SAMPLING DATE	27-Feb-24	27-Feb-24	27-Feb-24
Lab Sample ID	L2410535-01	L2410535-02	L2410535-03
	ug/m3	ug/m3	ug/m3
PARAMETER			
1,1,1-Trichloroethane	<0.109	<0.109	<0.109
1,1,2,2-Tetrachloroethane	<1.37	<1.37	<1.37
1,1,2-Trichloroethane	<1.09	<1.09	<1.09
1,1-Dichloroethane	<0.809	<0.809	<0.809
1,1-Dichloroethene	<0.079	<0.079	<0.079
1,2,4-Trichlorobenzene	<1.48	<1.48	<1.48
1,2,4-Trimethylbenzene	<0.983	134	57
1,2-Dibromoethane	<1.54	<1.54	<1.54
1,2-Dichlorobenzene	<1.20	<1.20	<1.20
1,2-Dichloroethane	<0.809	<0.809	<0.809
1,2-Dichloropropane	<0.924	<0.924	<0.924
1,3,5-Trimethylbenzene	<0.983	28.1	13.3
1,3-Butadiene	<0.442	<0.442	<0.442
1,3-Dichlorobenzene	<1.20	<1.20	<1.20
1,4-Dichlorobenzene	<1.20	<1.20	<1.20
1,4-Dioxane	<0.721	<0.721	<0.721
2,2,4-Trimethylpentane	<0.934	6.87	2.39
2-Butanone	1.75	133	94.4
2-Hexanone	<0.820	<0.820	<0.820
3-Chloropropene	<0.626	<0.626	<0.626
4-Ethyltoluene	<0.983	14.4	7.08
4-Methyl-2-pentanone	<2.05	4.92	2.49
Acetone	105	461	292
Benzene	0.795	6.33	2.45
Benzyl chloride	<1.04	<1.04	<1.04
Bromodichloromethane	<1.34	<1.34	<1.34
Bromoform	<2.07	<2.07	<2.07
Bromomethane	<0.777	<0.777	<0.777
Carbon disulfide	<0.623	<0.623	<0.623
Carbon tetrachloride	0.459	0.459	0.453
Chlorobenzene	<0.921	<0.921	<0.921
Chloroethane	<0.528	<0.528	<0.528
Chloroform	<0.977	<0.977	<0.977
Chloromethane	1.19	1.36	1.06
cis-1,2-Dichloroethene	<0.079	<0.079	<0.079
cis-1,3-Dichloropropene	<0.908	<0.908	<0.908

TABLE 1
SSDS PERFORMANCE ASSESMENT
TO-15 LL/SIM Analysis
567 Main Street, Westbury, New York

LOCATION	**OA-1**	**IA-2**	**IA-3**
SAMPLING DATE	27-Feb-24	27-Feb-24	27-Feb-24
Lab Sample ID	L2410535-01	L2410535-02	L2410535-03
	ug/m3	ug/m3	ug/m3
Cyclohexane	<0.688	6.02	2.09
Dibromochloromethane	<1.70	<1.70	<1.70
Dichlorodifluoromethane	2.25	2.35	2.26
Ethanol	<9.42	108	53.1
Ethyl Acetate	<1.80	22.3	11.4
Ethylbenzene	1.28	185	93.8
Freon-113	<1.53	<1.53	<1.53
Freon-114	<1.40	<1.40	<1.40
Heptane	<0.820	10	3.43
Hexachlorobutadiene	<2.13	<2.13	<2.13
Isopropanol	1.31	25.1	17.1
Methyl tert butyl ether	<0.721	<0.721	<0.721
Methylene chloride	<1.74	<1.74	<1.74
Naphthalene	<1.05	3.32	1.54
n-Hexane	0.842	19.5	6.34
o-Xylene	1.2	238	121
p/m-Xylene	3.87	612	353
Styrene	<0.852	74.5	37.9
Tertiary butyl Alcohol	<1.52	2.77	2.29
Tetrachloroethene	0.617	0.8	0.671
Tetrahydrofuran	<1.47	<1.47	<1.47
Toluene	27.6	211	108
trans-1,2-Dichloroethene	<0.793	<0.793	<0.793
trans-1,3-Dichloropropene	<0.908	<0.908	<0.908
Trichloroethene	<0.107	<0.107	<0.107
Trichlorofluoromethane	<1.12	<1.12	<1.12
Vinyl bromide	<0.874	<0.874	<0.874
Vinyl chloride	<0.051	<0.051	<0.051

Highlighted means one of the eight analytes assigned to NYSDOH Soil Vapor/Indoor Air Matricies A, B, or C

FIGURES



PREPARED BY:

TYLL ENGINEERING & CONSULTING PC
169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 Info@tyllengineering.com

TITLE:

INDOOR AIR SAMPLING PLAN (2/27/24)

567 MAIN STREET
WESTBURY, NEW YORK

DWN:	SCALE:	DATE:	PROJECT NO.:
-	NTS	3/14/24	HDP2201
CHKD:	APPD:	REV.:	NOTES:
KT	KT	-	-
FIGURE NO.:	1		

Attachment A

Canister Field Sampling Record Logs

TEC Tyll Engineering And Consulting

CANISTER FIELD SAMPLING RECORD

Date: 02/27/2024

Project: 567 Main Street

Site Location: 567 Main Street, Westbury, New York

Sample ID: OA-1

Sampler: K.Tyll

Location: Behind Building

Height: 4'

Canister ID: 2572

Canister Volume: 6 liter

Flow Controller ID: 01911

Flow Controller Setting: 8 hour

Sample Type (sub-slab, soil gas, amb, indoor): Outdoor AIR (Ambient)

READING	DATE	TIME	VACUUM
Initial Canister Vacuum	2/27/24	657	-30.34
Final Canister Vacuum	2/27/24	257	-1.99

Weather or Ambient Conditions: 39° overcast

PID at Location: 0.2ppm

Comments:

Tyll Engineering And Consulting

CANISTER FIELD SAMPLING RECORD

Date: 02/27/2024

Project: 567 Main Street

Site Location: 567 Main Street, Westbury, New York

Sample ID: IA-2

Sampler: K.Tyll

Location: Rear of bldg

Height: 5'

Canister ID: 3477

Canister Volume: 6 liter

Flow Controller ID: 1763

Flow Controller Setting: 8 hour

Sample Type (sub-slab, soil gas, amb, indoor): Outdoor AIR (Ambient)

READING	DATE	TIME	VACUUM
Initial Canister Vacuum	2/27/24	658	~~-30.14~~ -29.14
Final Canister Vacuum	2/27/24	1258	-4.73

Weather or Ambient Conditions: 39° overcast Foggy

PID at Location: 3.0 ppm

Comments:

TEC Tyll Engineering And Consulting

CANISTER FIELD SAMPLING RECORD

Date: 02/27/2024

Project: 567 Main Street

Site Location: 567 Main Street, Westbury, New York

Sample ID	IA-3	Canister ID	709
Sampler	K.Tyll	Canister Volume	6 liter
Location	Office Area	Flow Controller ID	02103
Height	51"	Flow Controller Setting	8 hour

Sample Type (sub-slab, soil gas, amb, indoor) Outdoor AIR (Ambient)

READING	DATE	TIME	VACUUM
Initial Canister Vacuum	2/27/24	659	-30.78
Final Canister Vacuum	2/27/24	259	-6.14

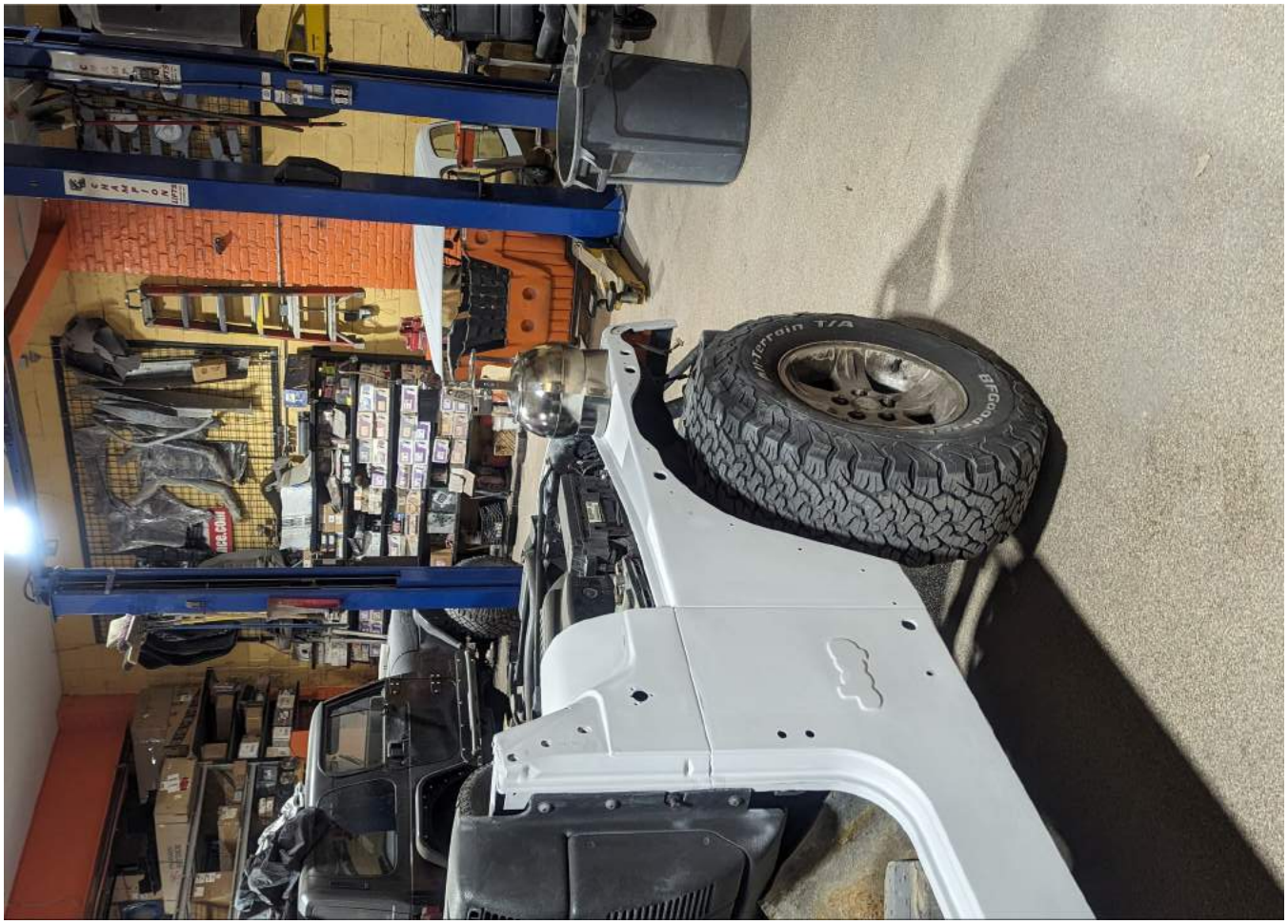
Weather or Ambient Conditions: Foggy 39°F overcast

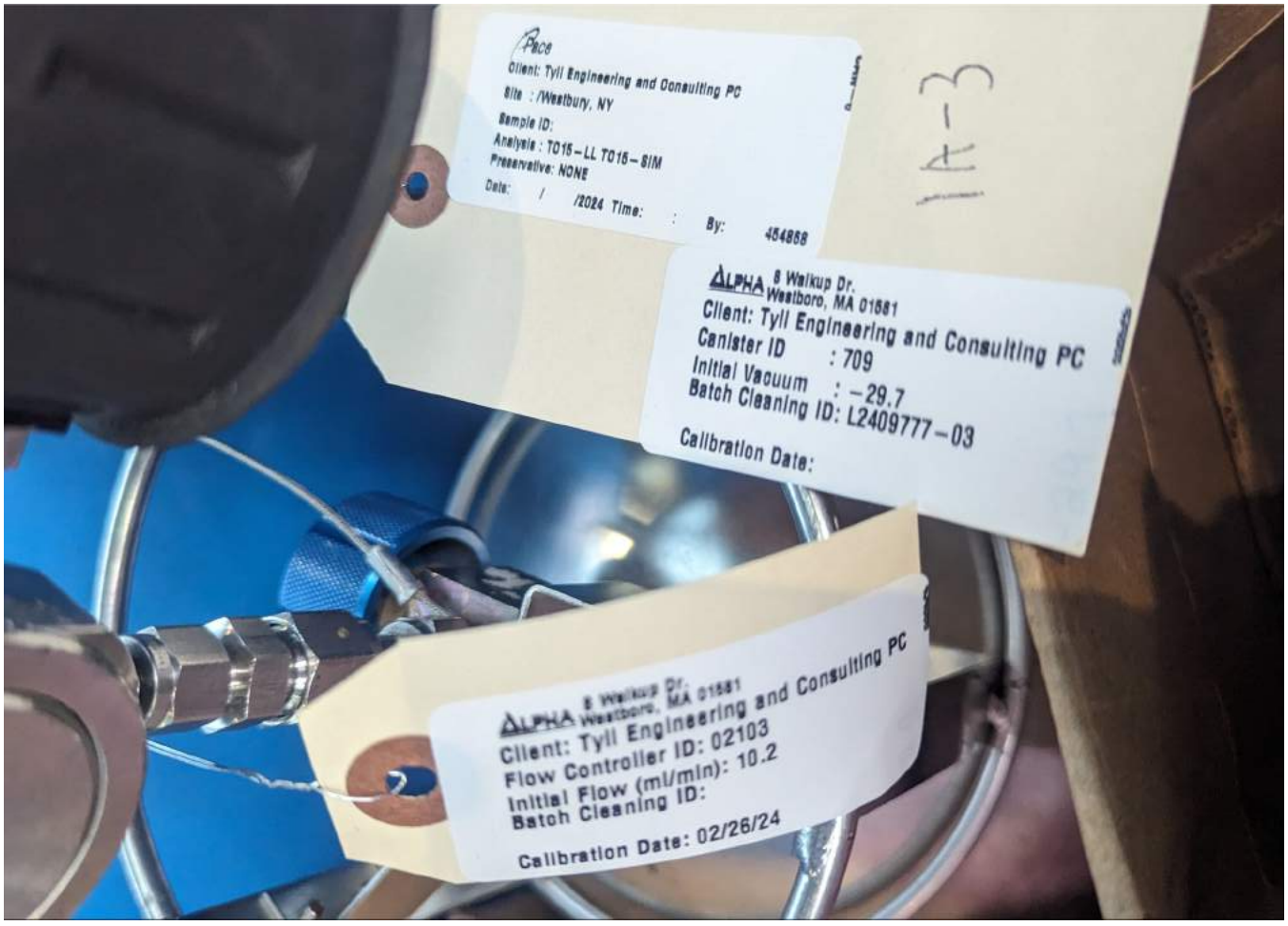
PID at Location: 0.1 ppm

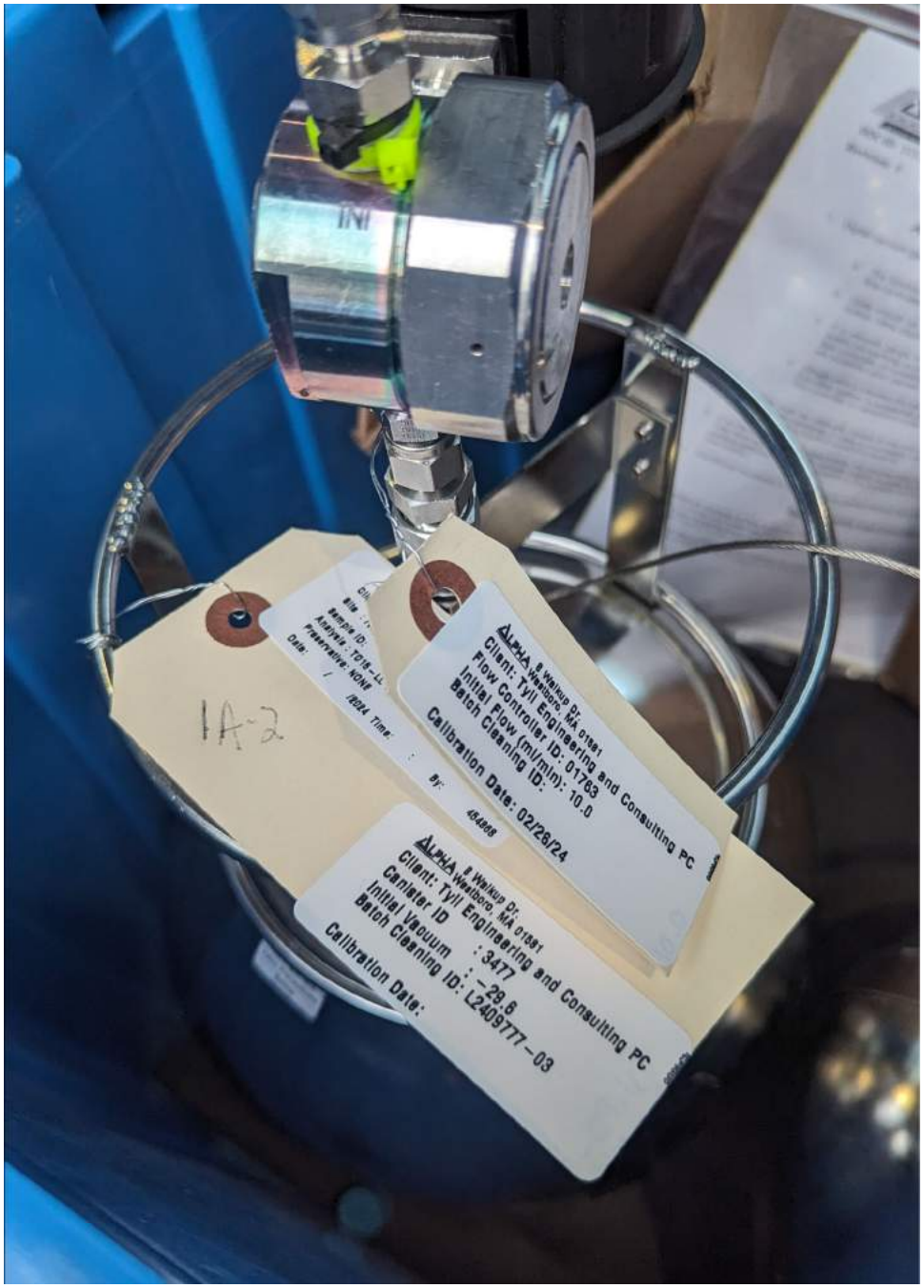
Comments:

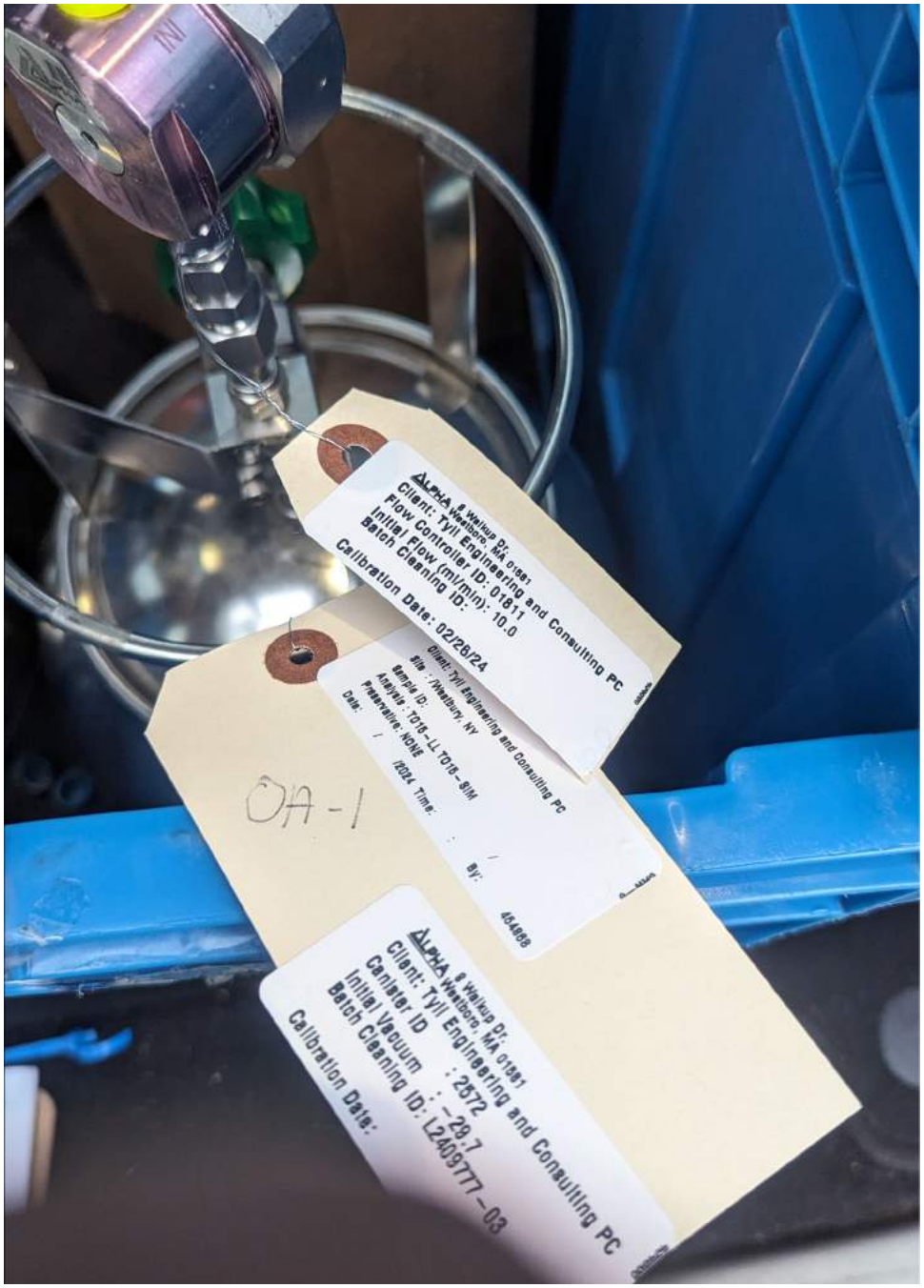
Attachment B

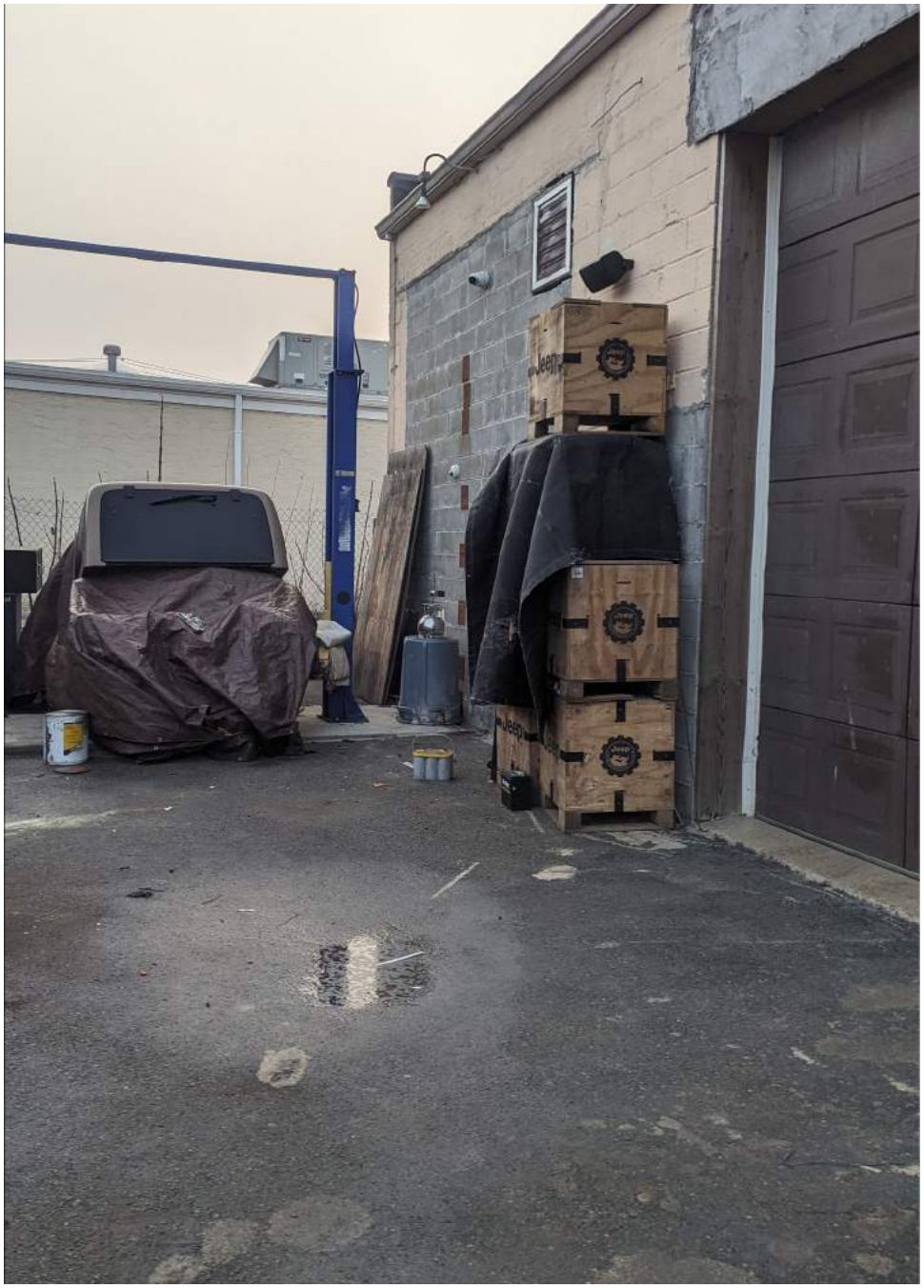
Photos


All-Terrain T/A


Pace
Client: Tyll Engineering and Consulting PC
Site : /Westbury, NY
Sample ID:
Analysis : TO15-LL TO15-SIM
Preservative: NONE
Date: / /2024 Time: : By:
454868
A-3
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Canister ID : 709
Initial Vacuum : -29.7
Batch Cleaning ID: L2409777-03
Calibration Date:
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Flow Controller ID: 02103
Initial Flow (ml/min): 10.2
Batch Cleaning ID:
Calibration Date: 02/26/24


IA-2
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Flow Controller ID: 01783
Initial Flow (ml/min): 10.0
Batch Cleaning ID:
Calibration Date: 02/26/24
By:
454868
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Canister ID :3477
Initial Vacuum : -29.6
Batch Cleaning ID: L2409777-03
Calibration Date:


OA-1
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Flow Controller ID: 01811
Initial Flow (ml/min): 10.0
Batch Cleaning ID:
Calibration Date: 02/26/24
Client: Tyll Engineering and Consulting PC
Sample ID:
Analysis: TO15-LL TO15-SIM
Preservative: NONE
Date: / /2024 Time:
By:
454868
ALPHA 8 Walkup Dr. Westboro, MA 01581
Client: Tyll Engineering and Consulting PC
Canister ID :2572
Initial Vacuum : -29.7
Batch Cleaning ID: L2409777-03
Calibration Date:



Attachment C

Laboratory Analytical

ANALYTICAL REPORT

Lab Number:	L2410535
Client:	Tyll Engineering and Consulting PC 169 Commack Road Suite H173 Commack, NY 11725
ATTN:	Karen Tyll
Phone:	(631) 664-6477
Project Name:	567 MAIN ST
Project Number:	Not Specified
Report Date:	03/12/24

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2410535-01	OA-1	AIR	Not Specified	02/27/24 14:57	02/27/24
L2410535-02	IA-2	AIR	Not Specified	02/27/24 14:58	02/27/24
L2410535-03	IA-3	AIR	Not Specified	02/27/24 14:59	02/27/24

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

Case Narrative

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

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

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

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

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

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

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 27, 2024. The canister certification data is provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 03/12/24

AIR

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-01
Client ID: OA-1
Sample Location:

Date Collected: 02/27/24 14:57
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/08/24 19:44
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.456	0.200	--	2.25	0.989	--		1
Chloromethane	0.577	0.200	--	1.19	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	44.3	1.00	--	105	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.532	0.500	--	1.31	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.595	0.500	--	1.75	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-01
Client ID: OA-1
Sample Location:

Date Collected: 02/27/24 14:57
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.239	0.200	--	0.842	0.705	--		1
Benzene	0.249	0.200	--	0.795	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	7.32	0.200	--	27.6	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.294	0.200	--	1.28	0.869	--		1
p/m-Xylene	0.892	0.400	--	3.87	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.276	0.200	--	1.20	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-01
Client ID: OA-1
Sample Location:

Date Collected: 02/27/24 14:57
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-01
Client ID: OA-1
Sample Location:

Date Collected: 02/27/24 14:57
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 19:44
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.091	0.020	--	0.617	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-02
Client ID: IA-2
Sample Location:

Date Collected: 02/27/24 14:58
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/08/24 20:29
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.476	0.200	--	2.35	0.989	--		1
Chloromethane	0.659	0.200	--	1.36	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	57.4	5.00	--	108	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	194	1.00	--	461	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	10.2	0.500	--	25.1	1.23	--		1
Tertiary butyl Alcohol	0.915	0.500	--	2.77	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	45.1	0.500	--	133	1.47	--		1
Ethyl Acetate	6.19	0.500	--	22.3	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-02
Client ID: IA-2
Sample Location:

Date Collected: 02/27/24 14:58
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	5.54	0.200	--	19.5	0.705	--		1
Benzene	1.98	0.200	--	6.33	0.639	--		1
Cyclohexane	1.75	0.200	--	6.02	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	1.47	0.200	--	6.87	0.934	--		1
Heptane	2.44	0.200	--	10.0	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.20	0.500	--	4.92	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	56.1	0.200	--	211	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	42.5	0.200	--	185	0.869	--		1
p/m-Xylene	141	0.400	--	612	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	17.5	0.200	--	74.5	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	54.9	0.200	--	238	0.869	--		1
4-Ethyltoluene	2.92	0.200	--	14.4	0.983	--		1
1,3,5-Trimethylbenzene	5.71	0.200	--	28.1	0.983	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-02
Client ID: IA-2
Sample Location:

Date Collected: 02/27/24 14:58
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	27.2	0.200	--	134	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.634	0.200	--	3.32	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-02
Client ID: IA-2
Sample Location:

Date Collected: 02/27/24 14:58
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 20:29
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.118	0.020	--	0.800	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-03
Client ID: IA-3
Sample Location:

Date Collected: 02/27/24 14:59
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/08/24 21:12
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.457	0.200	--	2.26	0.989	--		1
Chloromethane	0.514	0.200	--	1.06	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	28.2	5.00	--	53.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	123	1.00	--	292	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	6.94	0.500	--	17.1	1.23	--		1
Tertiary butyl Alcohol	0.755	0.500	--	2.29	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	32.0	0.500	--	94.4	1.47	--		1
Ethyl Acetate	3.17	0.500	--	11.4	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-03
Client ID: IA-3
Sample Location:

Date Collected: 02/27/24 14:59
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.80	0.200	--	6.34	0.705	--		1
Benzene	0.768	0.200	--	2.45	0.639	--		1
Cyclohexane	0.608	0.200	--	2.09	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.511	0.200	--	2.39	0.934	--		1
Heptane	0.837	0.200	--	3.43	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.607	0.500	--	2.49	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	28.7	0.200	--	108	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	21.6	0.200	--	93.8	0.869	--		1
p/m-Xylene	81.3	0.400	--	353	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	8.90	0.200	--	37.9	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	27.8	0.200	--	121	0.869	--		1
4-Ethyltoluene	1.44	0.200	--	7.08	0.983	--		1
1,3,5-Trimethylbenzene	2.71	0.200	--	13.3	0.983	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-03
Client ID: IA-3
Sample Location:

Date Collected: 02/27/24 14:59
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	11.6	0.200	--	57.0	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.294	0.200	--	1.54	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	91		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2410535-03
Client ID: IA-3
Sample Location:

Date Collected: 02/27/24 14:59
Date Received: 02/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 21:12
Analyst: KJD

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.099	0.020	--	0.671	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/08/24 16:20

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1894052-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/08/24 16:20

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1894052-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/08/24 16:20

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG1894052-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 17:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-03 Batch: WG1894053-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1894052-3								
Dichlorodifluoromethane	95		-		70-130	-		
Chloromethane	92		-		70-130	-		
Freon-114	101		-		70-130	-		
Vinyl chloride	97		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Bromomethane	84		-		70-130	-		
Chloroethane	89		-		70-130	-		
Ethanol	82		-		40-160	-		
Vinyl bromide	84		-		70-130	-		
Acetone	94		-		40-160	-		
Trichlorofluoromethane	92		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	94		-		70-130	-		
Tertiary butyl Alcohol	89		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	96		-		70-130	-		
Carbon disulfide	82		-		70-130	-		
Freon-113	91		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	89		-		70-130	-		
Methyl tert butyl ether	90		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1894052-3								
Ethyl Acetate	92		-		70-130	-		
Chloroform	93		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	95		-		70-130	-		
1,1,1-Trichloroethane	84		-		70-130	-		
Benzene	89		-		70-130	-		
Carbon tetrachloride	93		-		70-130	-		
Cyclohexane	95		-		70-130	-		
1,2-Dichloropropane	90		-		70-130	-		
Bromodichloromethane	96		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	94		-		70-130	-		
2,2,4-Trimethylpentane	95		-		70-130	-		
Heptane	95		-		70-130	-		
cis-1,3-Dichloropropene	94		-		70-130	-		
4-Methyl-2-pentanone	95		-		70-130	-		
trans-1,3-Dichloropropene	96		-		70-130	-		
1,1,2-Trichloroethane	93		-		70-130	-		
Toluene	90		-		70-130	-		
2-Hexanone	94		-		70-130	-		
Dibromochloromethane	97		-		70-130	-		
1,2-Dibromoethane	88		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG1894052-3								
Tetrachloroethene	89		-		70-130	-		
Chlorobenzene	88		-		70-130	-		
Ethylbenzene	92		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	96		-		70-130	-		
Styrene	94		-		70-130	-		
1,1,2,2-Tetrachloroethane	94		-		70-130	-		
o-Xylene	98		-		70-130	-		
4-Ethyltoluene	91		-		70-130	-		
1,3,5-Trimethylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	98		-		70-130	-		
Benzyl chloride	100		-		70-130	-		
1,3-Dichlorobenzene	97		-		70-130	-		
1,4-Dichlorobenzene	102		-		70-130	-		
1,2-Dichlorobenzene	93		-		70-130	-		
1,2,4-Trichlorobenzene	102		-		70-130	-		
Naphthalene	98		-		70-130	-		
Hexachlorobutadiene	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 567 MAIN ST

Project Number: Not Specified

Lab Number: L2410535

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG1894053-3								
Vinyl chloride	97		-		70-130	-		25
1,1-Dichloroethene	98		-		70-130	-		25
cis-1,2-Dichloroethene	95		-		70-130	-		25
1,1,1-Trichloroethane	94		-		70-130	-		25
Carbon tetrachloride	94		-		70-130	-		25
Trichloroethene	92		-		70-130	-		25
Tetrachloroethene	90		-		70-130	-		25

Project Name: 567 MAIN ST

Lab Number: L2410535

Project Number:

Report Date: 03/12/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2410535-01	OA-1	01811	Flow 3	02/27/24	454868		-	-	-	Pass	10.0	8.9	12
L2410535-01	OA-1	2572	6.0L Can	02/27/24	454868	L2409777-03	Pass	-29.7	-1.3	-	-	-	-
L2410535-02	IA-2	01763	Flow 3	02/27/24	454868		-	-	-	Pass	10.0	10.2	2
L2410535-02	IA-2	3477	6.0L Can	02/27/24	454868	L2409777-03	Pass	-29.6	-4.9	-	-	-	-
L2410535-03	IA-3	02103	Flow 2	02/27/24	454868		-	-	-	Pass	10.2	11.7	14
L2410535-03	IA-3	709	6.0L Can	02/27/24	454868	L2409777-03	Pass	-29.7	-5.7	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/23/24 19:31
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/23/24 19:31
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2409777
Report Date: 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2409777

Project Number: CANISTER QC BAT **Report Date:** 03/12/24

Air Canister Certification Results

Lab ID: L2409777-03
Client ID: CAN 3348 SHELF 42
Sample Location:

Date Collected: 02/22/24 18:00
Date Received: 02/23/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	87		60-140

Project Name: 567 MAIN ST
Project Number: Not Specified

Lab Number: L2410535
Report Date: 03/12/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2410535-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2410535-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2410535-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	567 MAIN ST	**Lab Number:**	L2410535
Project Number:	Not Specified	**Report Date:**	03/12/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: 567 MAIN ST
Project Number: Not Specified
Lab Number: L2410535
Report Date: 03/12/24

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

PAGE ____ OF ____

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2/28/24

ALPHA Job #: L2410535

Client Information

Client: Tyll Engineering and Consulting

Address: ib

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 567 Main St

Project Location:

Project #:

Project Manager: K. Tyler

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX

☒ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☒ EMAIL (standard pdf report)

☐ Additional Deliverables: Cat B

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
10535-01	OA-1	2/27/24	657	257	-30.74	-1.99	AA	KT	6L	2572	01511	X					
02	1A-2	2/27/24	658	258	-28.94	-4.73	AA	KT	6L	3477	01763	X					
03	1A-3	2/27/24	659	259	-30.78	-6.14	AA	KT	6L	709	02103	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Anthony Green	2/27/24 300	Anthony Green	2/27 1508
	2/27 2400		FEB 27 2024 2150
	2/28/24 0100		2/28/24 0100
	2/28/24 0515		2/28/24 0515

Form No: 101-02 Rev: (25-Sep-15)

Attachment D

Data Usability Summary Report

(to be submitted as soon as it's available)

Attachment E

Questionnaire and Building Inventory

Photos of Chemicals Observed

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 Karen Tyll Date/Time Prepared 2/27/23

Preparer's Affiliation Env. Consultant Phone No. 6316646477

Purpose of Investigation SSDS Performance Monitoring

1. OCCUPANT:

Interviewed: Y / N

Last Name: Secorr First Name: Sam

Address: 567 Main Street, Westbury, NY

County: Nassau

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location ~4 Age of Occupants 20-50

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:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Mechanic, automobile outfitter

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

Other characteristics:

Number of floors 1 Building age_____

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

4. AIRFLOW

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

N/A

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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

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

Basement/Lowest level depth below grade: 6 (feet)

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

none observed. intact tile floor in office and competent concrete floor in shop area

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: HWH in small cellar

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

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

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

n/a

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom (Almost Never) utilities only

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	none
1st Floor	automotive
2nd Floor	none
3rd Floor	none
4th Floor	none

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 automobile repair shop

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? _____

h. Have cleaning products been used recently? (Y) / N When & Type? mopped floor previous week

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? 1 month ago

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? outside wall

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: automibile fluids

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? brake cleaner/safety kleen degreser

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

Is there a radon mitigation system for the building/structure? (Y) N Date of Installation: SSDS Present
Is the system active or passive? (Active)/Passive installed February/March 2023

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: n/a

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:

n / a

First Floor:

see attached

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.

see attached

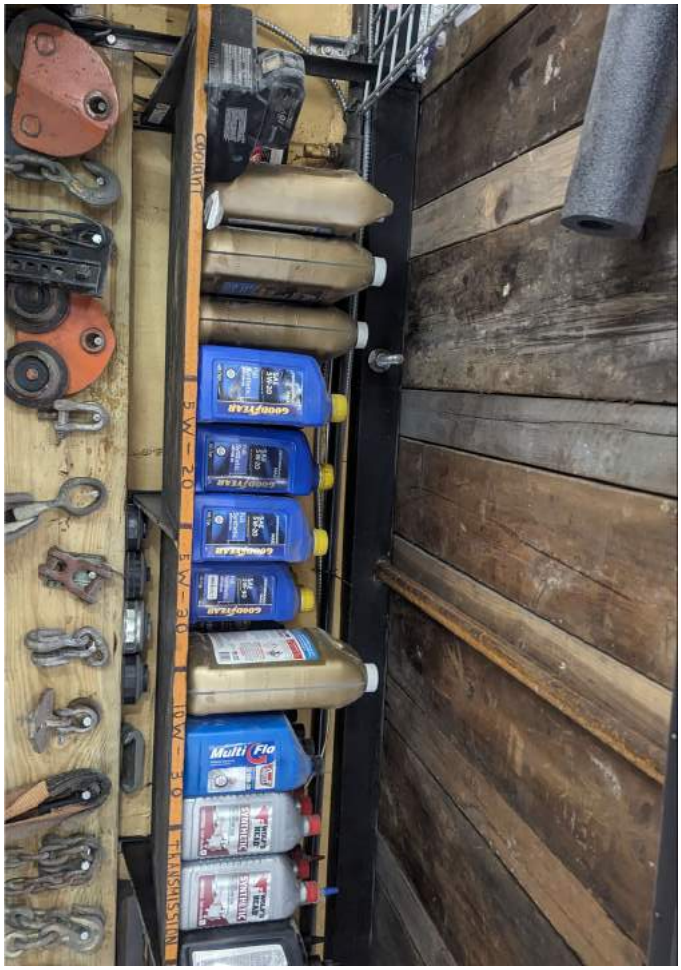
13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Shelf	Permatex Lubricant	8oz	U	Acetone, naptha (petroleum) hydrotreated light		Y
Shelf	Motor Medic Thrust Starting Fluid	33 oz	U	heptane, ethane,napthenic (petroleum) light and heavy		Y
Shelf	SuperS Grease	42 oz	U	Petroleum distillates,Lithium Hydroxide, Monohydrate, Sebacic Acid		Y
Shelf	RedLine Power Steering Fluid	1 qt	U	zinc		Y
Shelf	Lube Guard Power Steering Fluid	32 oz	U	Lubricating oils, refined used		Y
Shelf	SuperS Brake Fluid	2 qt	U	Triethylene glycol, monobutyl ether, Diethylene glycol, Diethylene glycol monobutyl ether ,Ethanol, 2-(2-propoxyethoxy)-		Y
Shelf	Gunk Brake Parts Cleaner	28 oz	U	2-PROPANONE, Heptane		Y
Shelf	Blaster Penetrating Fluid	22 oz	U	distillates(petroleum) hydrotreated light, Solvent naphtha (petroleum), heavy UN1270 Not available 64742-94-5 20 - 30aromatic, Distillates (petroleum), hydrotreated Not available Not available 64742-52-5 20 - 30heavy naphthenic, napthalene, & Dinonylphenol, ethoxylated, phosphated		Y
Shelf	Coolants	4 gal	UO			Y
Shelf	Motor Oils	36 qts	UO	Petroleum distillates, solvent dewaxed,heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic, Pariffin Oils, Phosphorodithioic acid		Y
on floor	Crystal Clean 142 Mineral Spirits	55 gal	U	Distillates (petroleum), hydrotreated light		Y
Shelf	Wolfs head Synthetic Transmission Oil	10 qts	UO	Lubricating Oils (petroleum), Distillates Hydrotreated Heavy Parrafin, Distillates (petroleum), hydrotreated light paraffinic, Alkyl acetamide		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.


COOLANT
5W-20
5W-20
5W-30
TRANSMISSION
Multi Flo


PB
BLASTER
SINCE 1957
PENETRATING
CATALYST
#1 SELLING PENETRANT


DANGER: CONTENTS UNDER PRESSURE.
Do not puncture or incinerate container.
Do not expose to heat or store at temperatures above 120°F.
BREATHING HAZARD: Use only in a well-ventilated area. Do not breathe vapor or spray mist. Sensitive individuals may find odor offensive. DELIBERATE OR DIRECT INHALATION OF VAPOR OR SPRAY MIST CAN BE HARMFUL OR FATAL.
FIRST AID: Ingestion: CONTAINS PETROLEUM DISTILLATES. If swallowed, do not induce vomiting. Call physician immediately. Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes. Skin Contact: Wash with soap and water. Inhalation (breathing): Remove to fresh air. Give artificial respiration or oxygen, if necessary.
WARNING: This product can expose you to chemicals including Naphthalene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.


LUBEGARD
COMPLETE
POWER STEERING FLUID
MULTI-VEHICLE FORMULA
BLASTER
SINCE 1957
PB
DIRECTIONS
BRAKE


INSTANTLY
Cleans faster
Dries quickly
No residue
No chlorinated solvents
Removes brake dust
Powerful spray pattern
DANGER
DO NOT SWALLOW


GUNK
Brake Parts Cleaner
NON-CHLORINATED
Fast drying, leaves no residue
NET WT 14 OZ


Super S
BRAKE FLUID
For Drum & Disc Brakes
Exceeds DOT 3 Motor Vehicle Standards
dissolves brake fluid, grease & oil
No chlorinated solvents
Removes brake dust
Powerful spray pattern

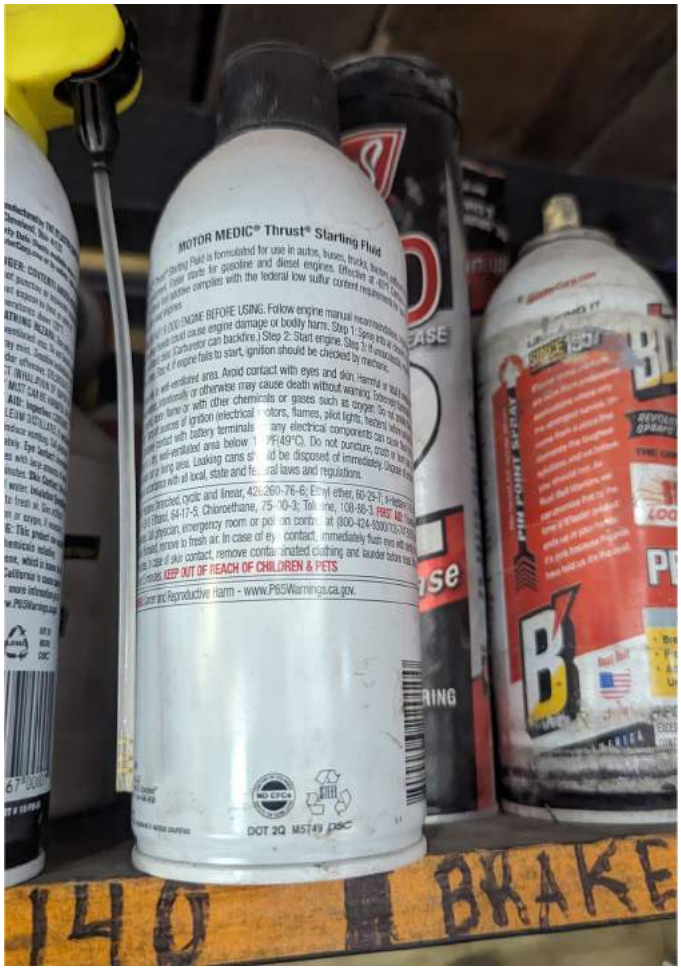

SINCE 1957
LUBEGARD
COMPLETE
POWER STEERING FLUID
MULTI-VEHICLE FORMULA
32 FL OZ (1 Quart 946 mL)
BRAKE


BLASTER
BRAKE Cleaner

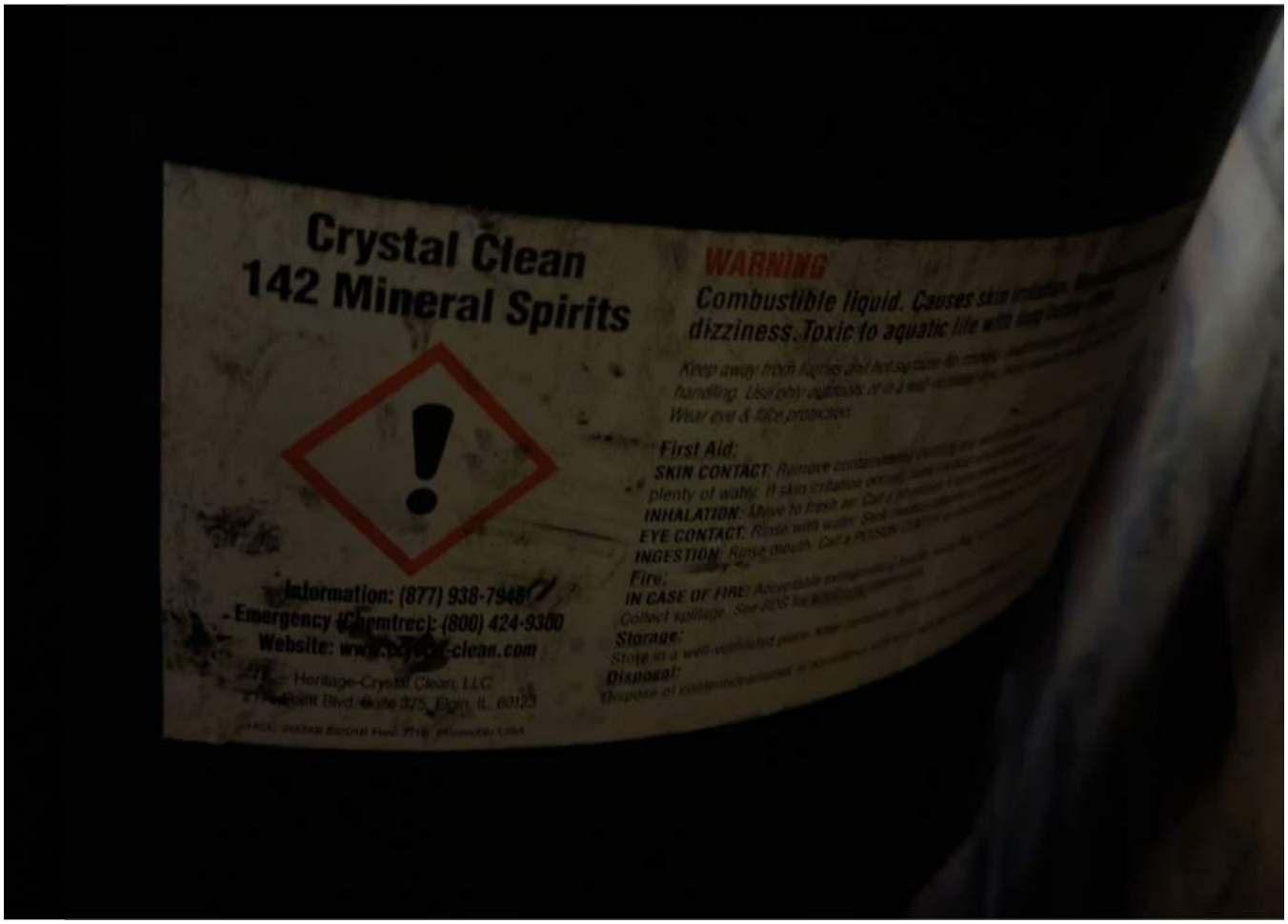

RED LINE
SYNTHETIC OIL
FULL SYNTHETIC
ENTIÈREMENT SYNTHÉTIQUE
POWER STEERING FLUID
1 U.S. Quart - 946 mL
LXE


Super S
HIGH TEMP
RED
BEARING GREASE
#2
Lithium Grease
DRUM, WHEEL BEARING
& CHASSIS GREASE
Net WT. 14OZ (397 g)


MOTOR MEDIC
Thrust
Starting Fluid
GAS AND DIESEL ENGINES
Quick Start In Extreme Cold Conditions
Effective to -65°F
NET 11 FL OZ (311 g)


MOTOR MEDIC® Thrust® Starting Fluid
DOT 2Q M5749 DSC
BRAKE


Permatex
Aluminum
Lubricante Antiaferrante Aluminio
NET 8 FL OZ. / CONT. 236 mL


Crystal Clean
142 Mineral Spirits
WARNING
Combustible liquid. Causes skin
dizziness. Toxic to aquatic life with
First Aid:
SKIN CONTACT:
INHALATION:
EYE CONTACT:
INGESTION:
Fire:
IN CASE OF FIRE:
Storage:
Disposal:
Information: (877) 938-7948
Emergency (Chemtrec): (800) 424-9300
Website: www.crystal-clean.com
Heritage-Crystal Clean, LLC