G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

November 2, 2023

Mr. Ryan Richard
Assistant Geologist, Division of Environmental Remediation, Region 3
New York State Department of Environmental Conservation
21 S Putt Corners Rd, New Paltz, NY 12561
Phone: 845-256-3118 | ryan.richard@dec.ny.gov

Subject: SVE System Upgrade & Monitoring – Quarterly Sampling
101 Westmoreland Avenue
White Plains, New York 10606
Automobile Club of New York (Now Known as AAA Northeast)
GCE Project No. 05-003-00

Air Sampling

According to the approved SVE System Upgrade & Monitoring Work Plan dated February 15, 2023, one air sampling event was performed during this period. Air samples were planned to be collected at five (5) locations in the SVE system: at the SVE system blower discharge (SP-1), at the discharge of the GAC vessel (SP-2) when the SVE system was running and at the each SVE wells (SV-1 and SV-2 and SV-3) taken at the repair shop area.

Deviation from the work plan: Due to unexpected site conditions, three (3) samples (SV-1, SV-2 and SV-3) were not able to collected from these locations, instead they were collected as representative samples with three (3) former samples (SS-1, SS-2 and SS-4) locations. Due to the newly installed extraction point was installed to address contaminant of compounds at SS-4 location, that sampling has been utilized to review datas at SS-4 location and in general areas.

Lab results dated September 26, 2023 indicates that the contaminant of compounds at SS-4 location significantly decreased from the latest sampling event dated June 3,2022. The 1,1,1-Trichloroethane has been decreased from 1,090 ug/m^3 to 15.5 ug/m^3 and Tetrachloroethene has been decreased from 3,280 ug/m^3 to 254 ug/m^3.

The air samples were collected using SUMMA canisters over an elapsed time of 2 hour (at this time canisters were provided with a 2-hours regulator). The air samples were boxed and shipped to the Phoenix Environmental Laboratories (PEL), a New York State ELAP - approved laboratory for analysis of VOC using EPA Method TO-15. PID readings were 0.00 ppm at all sampling locations (Please refer to Figures, Table 1: Air Sample Results, Appendix A: Lab Analytical Results).

Based on these findings, we propose to turn off the system and repeat the original SVE system evaluation work report – 2nd amended dated Oct 27th, 2022 and perform monitoring for a period

of 12-months/quarterly basis as stated on the approved SVE System Upgrade & Monitoring Work Plan dated February 15, 2023.

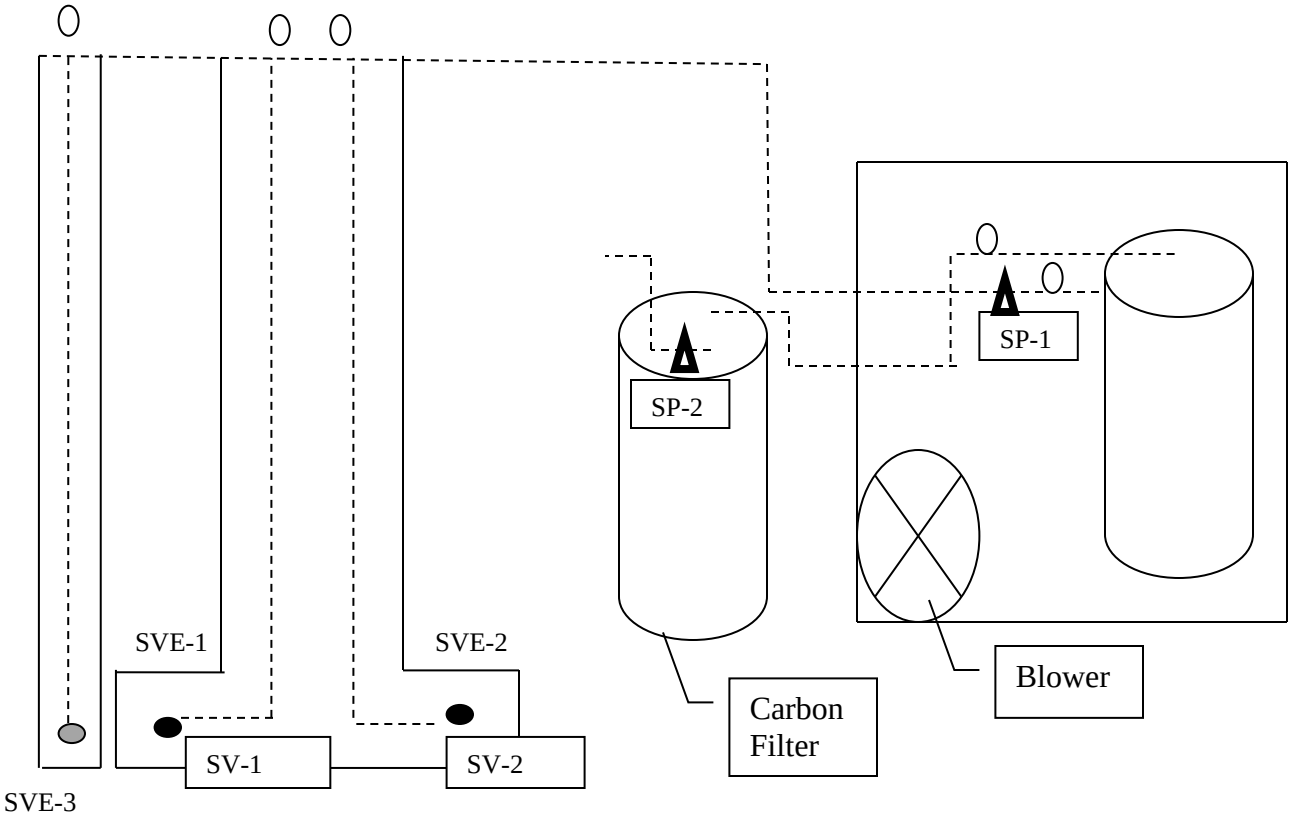
If you have any questions concerning this project, please feel free to call me at (631) 206-3700 ext 106.

Very truly yours,



Fulya Toylular,
Project Manager

LIST OF FIGURES



LEGEND:

- Newly Installed Soil Vapor Extraction Well
- Existing Soil Vapor Extraction Well
- Manifold Vacuum Gauge
- System Piping

Note: This period of sampling, SV-3 sample was collected at SS-4

Drawings is not scaled. All locations are approximate.

G. C. Environmental, Inc.
CONSULTANTS

22 OAK STREET
BAY SHORE, NEW YORK 11706

TEL: (631) 206-3700
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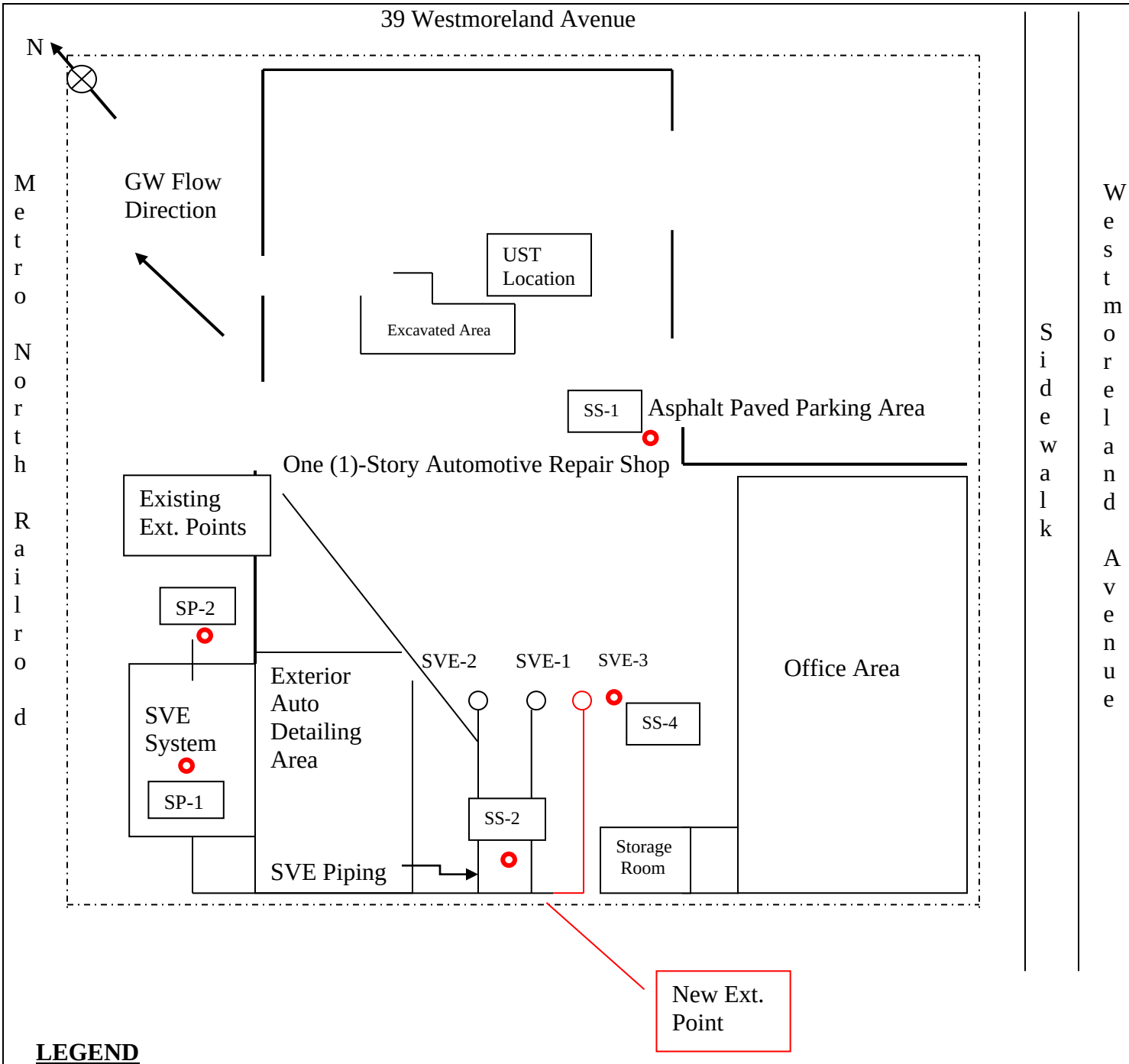
SVE SYSTEM DIAGRAM/
SAMPLING MAP

101 WESTMORELAND AVENUE
WHITE PLAINS, NY 10606

GCE PROJECT NO.: 05-003-00

FIGURE 1

SVE SYSTEM
DIAGRAM



LEGEND

- Air Sampling Location
- Property Line

Note: Drawings is not scaled. All locations are approximate.

G. C. Environmental, Inc.

22 Oak Street
Bay Shore, New York 11706

Tel: (631) 206-3700
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SITE MAP WITH ADDITIONAL EXTRACTION POINT/SAMPLING MAP

101 Westmoreland Avenue
White Plains, NY 10606

GCE Project No.: 05-003-00

FIGURE 2

SITE MAP

LIST OF TABLES

G. C. Environmental, Inc.
Job Adress:
101 Westmoreland Avenue
White Plains, NY 10606

GCE Project No:05-003-00

Table 1: Summary of Detected Compounds / Air Samples

	Lab Sample Id / Collection Date / Client Id / Matrix		NYSDOH AGV	NYSDOH Matrix A	NYSDOH Matrix B	NYSDOH Matrix C	CK80342 6/3/2022 SS-4 Air		CK80340 9/26/2023 SS-4 Air	
	CAS	Units					Result	RL	Result	RL
Volatiles (TO15) By TO15										
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	71-55-6	ug/m3	NS	NS	3 (IA)/100 (SS)	NS	1,090	30.0	15.5	1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane	75-34-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene	75-35-4	ug/m3	NS	0.2 (IA)/6(SS)	NS	NS	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	NS	NS	NS	NS	27.4	1.00	9.19	1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane	107-06-2	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2-dichloropropane	78-87-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	NS	NS	NS	NS	6.14	1.00	2.22	1.00
1,3-Butadiene	106-99-0	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane	123-91-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene	622-96-8	ug/m3	NS	NS	NS	NS	16.6	1.00	6.53	1.00
4-Isopropyltoluene	99-87-6	ug/m3	NS	NS	NS	NS	1.74	1.00	< 1.00	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Acetone	67-64-1	ug/m3	NS	NS	NS	NS	12.9	1.00	7.45	1.00
Acrylonitrile	107-13-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Benzene	71-43-2	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Benzyl chloride	100-44-7	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane	75-27-4	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Bromoform	75-25-2	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Bromomethane	74-83-9	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide	75-15-0	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	56-23-5	ug/m3	NS	0.2 (IA)/6(SS)	NS	NS	0.42	0.20	0.39	0.20
Chlorobenzene	108-90-7	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Chloroethane	75-00-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Chloroform	67-66-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Chloromethane	74-87-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Cis-1,2-Dichloroethene	156-59-2	ug/m3	NS	0.2 (IA)/6(SS)	NS	NS	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene	10061-01-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Cyclohexane	110-82-7	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Dibromochloromethane	124-48-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Dichlorodifluoromethane	75-71-8	ug/m3	NS	NS	NS	NS	9.09	1.00	2.41	1.00
Ethanol	64-17-5	ug/m3	NS	NS	NS	NS	3.45	1.00	2.86	1.00
Ethyl acetate	141-78-6	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Ethylbenzene	100-41-4	ug/m3	NS	NS	NS	NS	4.2	1.00	2.88	1.00
Heptane	142-82-5	ug/m3	NS	NS	NS	NS	5.49	1.00	< 1.00	1.00
Hexachlorobutadiene	87-68-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Hexane	110-54-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Isopropylalcohol	67-63-0	ug/m3	NS	NS	NS	NS	2.9	1.00	2.58	1.00
Isopropylbenzene	98-82-8	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
m,p-Xylene	179601-23-1	ug/m3	NS	NS	NS	NS	25.3	1.00	12	1.00
Methyl Ethyl Ketone	78-93-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Methylene Chloride	75-09-2	ug/m3	60	NS	3 (IA)/100 (SS)	NS	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene	104-51-8	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
o-Xylene	95-47-6	ug/m3	NS	NS	NS	NS	13.8	1.00	4.64	1.00
Propylene	115-07-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
sec-Butylbenzene	135-98-8	ug/m3	NS	NS	NS	NS	1.02	1.00	< 1.00	1.00
Styrene	100-42-5	ug/m3	NS	NS	NS	NS	135	1.00	112	1.00
Tetrachloroethene	127-18-4	ug/m3	30	NS	3 (IA)/100 (SS)	NS	3,280	7.52	254	1.25
Tetrahydrofuran	109-99-9	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Toluene	108-88-3	ug/m3	NS	NS	NS	NS	5.2	1.00	5.76	1.00
Trans-1,2-Dichloroethene	156-60-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene	10061-02-6	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Trichloroethene	79-01-6	ug/m3	2	0.2 (IA)/6(SS)	NS	NS	1.7	0.20	2.33	0.20
Trichlorofluoromethane	75-69-4	ug/m3	NS	NS	NS	NS	1.61	1.00	1.29	1.00
Trichlorotrifluoroethane	76-13-1	ug/m3	NS	NS	NS	NS	5.28	1.00	< 1.00	1.00
Vinyl Chloride	75-01-4	ug/m4	0.39	NS	NS	0.2 (IA)/6(SS)			< 0.20	0.20

	Detected Compounds
	Air Guideline Values According to NSDOH Final Guidance on Soil Vapor Intrusion (Oct 2016) Table 3.1
	Applicable Compounds According to NSDOH Final Guidance on Soil Vapor Intrusion (May 2017) Matrix A
	Applicable Compounds According to NSDOH Final Guidance on Soil Vapor Intrusion (May 2017) Matrix B
	Applicable Compounds According to NSDOH Final Guidance on Soil Vapor Intrusion (May 2017) Matrix C
NS	No Standards

APPENDIX A
Lab Analytical Results

PHOENIX
Environmental Laboratories, Inc.

Thursday, November 02, 2023

Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Project ID: AAA AUTOMOBILE CLUB OF NY
SDG ID: GCP10191
Sample ID#s: CP10191 - CP10195

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

November 02, 2023

SDG I.D.: GCP10191

Project ID: AAA AUTOMOBILE CLUB OF NY

Client Id	Lab Id	Matrix
SS-1	CP10191	AIR
SP-2	CP10192	AIR
SP-1	CP10193	AIR
SS-2	CP10194	AIR
SS-4	CP10195	AIR

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:25
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	28595				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10191

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	0.445	*0.183*	2.43	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	1.67	*0.204*	8.20	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.394	*0.204*	1.94	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	1.14	*0.204*	5.60	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	1.49	*0.421*	3.54	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY

Phoenix I.D.: CP10191

Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.055	*0.032*	0.35	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	09/28/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.451	*0.202*	2.23	*1.00*	09/28/23	KCA	1	
Ethanol	1.92	*0.531*	3.62	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	0.527	*0.230*	2.29	*1.00*	09/28/23	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	0.745	*0.407*	1.83	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	09/28/23	KCA	1	
m,p-Xylene	2.31	*0.230*	10.0	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	0.864	*0.230*	3.75	*1.00*	09/28/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	22.9	*0.235*	97.5	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	13.1	*0.037*	88.8	*0.25*	09/28/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	1
Toluene	0.954	*0.266*	3.59	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	0.071	*0.037*	0.38	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.224	*0.178*	1.26	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	103	*%*	103	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	101	*%*	101	*%*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY
Phoenix I.D.: CP10191

Client ID: SS-1

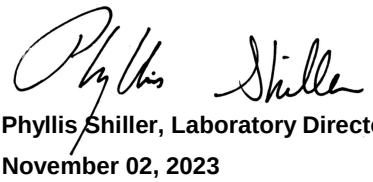
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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

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

Comments:

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



Phyllis Shiller, Laboratory Director

November 02, 2023

Reviewed and Released by: Sarah Bell, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:00
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	23350				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10192

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	1.21	*0.204*	5.94	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.330	*0.204*	1.62	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	0.964	*0.204*	4.74	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	17.7	*0.421*	42.0	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	0.422	*0.313*	1.35	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY

Phoenix I.D.: CP10192

Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.065	*0.032*	0.41	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	09/28/23	KCA	1	
Chloromethane	0.557	*0.485*	1.15	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.418	*0.202*	2.07	*1.00*	09/28/23	KCA	1	
Ethanol	35.8	*0.531*	67.4	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	0.935	*0.230*	4.06	*1.00*	09/28/23	KCA	1	
Heptane	0.503	*0.244*	2.06	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	0.482	*0.284*	1.70	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	1.29	*0.407*	3.17	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	0.246	*0.204*	1.21	*1.00*	09/28/23	KCA	1	
m,p-Xylene	3.44	*0.230*	14.9	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	1.78	*0.339*	5.25	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	1.24	*0.230*	5.38	*1.00*	09/28/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	7.84	*0.235*	33.4	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	0.574	*0.037*	3.89	*0.25*	09/28/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	1
Toluene	3.43	*0.266*	12.9	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	0.046	*0.037*	0.25	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.226	*0.178*	1.27	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	104	*%*	104	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	99	*%*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SP-2

Phoenix I.D.: CP10192

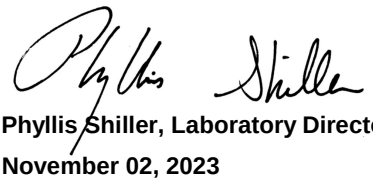
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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

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

Comments:

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Phyllis Shiller, Laboratory Director
November 02, 2023
Reviewed and Released by: Sarah Bell, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:05
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	17156				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10193

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	16.3	*0.183*	88.9	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	0.099	*0.051*	0.39	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	2.84	*0.204*	14.0	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.749	*0.204*	3.68	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	2.31	*0.204*	11.3	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	0.261	*0.182*	1.43	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	8.95	*0.421*	21.2	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	0.738	*0.313*	2.36	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY

Phoenix I.D.: CP10193

Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.065	*0.032*	0.41	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	0.523	*0.205*	2.55	*1.00*	09/28/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	0.055	*0.051*	0.22	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.586	*0.202*	2.90	*1.00*	09/28/23	KCA	1	
Ethanol	6.87	*0.531*	12.9	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	1.84	*0.230*	7.98	*1.00*	09/28/23	KCA	1	
Heptane	0.796	*0.244*	3.26	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	0.799	*0.284*	2.81	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	1.20	*0.407*	2.95	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	0.365	*0.204*	1.79	*1.00*	09/28/23	KCA	1	
m,p-Xylene	7.22	*0.230*	31.3	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	1.21	*0.339*	3.57	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	2.62	*0.230*	11.4	*1.00*	09/28/23	KCA	1	
Propylene	1.53	*0.581*	2.63	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	33.2	*0.235*	141	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	95.2	*0.184*	645	*1.25*	09/28/23	KCA	5	
Tetrahydrofuran	33.8	*0.339*	100	*1.00*	09/28/23	KCA	1	1
Toluene	6.44	*0.266*	24.3	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	1.05	*0.037*	5.64	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.245	*0.178*	1.38	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	0.132	*0.131*	1.01	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	102	*%*	102	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	97	*%*	97	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	102	*%*	102	*%*	09/28/23	KCA	1	
% Bromofluorobenzene (5x)	104	*%*	104	*%*	09/28/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	96	*%*	96	*%*	09/28/23	KCA	5	
% IS-Bromochloromethane (5x)	95	*%*	95	*%*	09/28/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	97	*%*	97	*%*	09/28/23	KCA	5	

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SP-1

Phoenix I.D.: CP10193

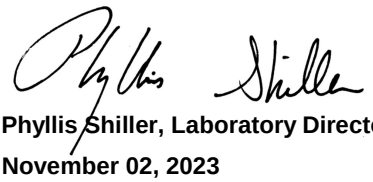
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
November 02, 2023
Reviewed and Released by: Sarah Bell, Project Manager

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

NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:20
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	456				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10194

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	2.33	*0.183*	12.7	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	1.53	*0.204*	7.52	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.353	*0.204*	1.73	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	1.08	*0.204*	5.31	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	8.67	*0.421*	20.6	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY

Phoenix I.D.: CP10194

Client ID: SS-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.061	*0.032*	0.38	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	09/28/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.455	*0.202*	2.25	*1.00*	09/28/23	KCA	1	
Ethanol	1.75	*0.531*	3.30	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	0.596	*0.230*	2.59	*1.00*	09/28/23	KCA	1	
Heptane	0.252	*0.244*	1.03	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	0.850	*0.407*	2.09	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	09/28/23	KCA	1	
m,p-Xylene	2.31	*0.230*	10.0	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	0.884	*0.230*	3.84	*1.00*	09/28/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	19.5	*0.235*	83.0	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	10.6	*0.037*	71.8	*0.25*	09/28/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	1
Toluene	1.22	*0.266*	4.59	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	0.044	*0.037*	0.24	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.216	*0.178*	1.21	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	106	*%*	106	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	99	*%*	09/28/23	KCA	1	

Ver 1

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-2

Phoenix I.D.: CP10194

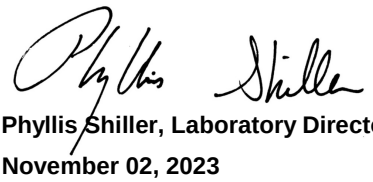
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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

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

Comments:

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



Phyllis Shiller, Laboratory Director
November 02, 2023
Reviewed and Released by: Sarah Bell, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:23
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	16004				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10195

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	2.84	*0.183*	15.5	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	1.87	*0.204*	9.19	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.452	*0.204*	2.22	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	1.33	*0.204*	6.53	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	3.14	*0.421*	7.45	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Ver 1

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-4

Phoenix I.D.: CP10195

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.062	*0.032*	0.39	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	09/28/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.487	*0.202*	2.41	*1.00*	09/28/23	KCA	1	
Ethanol	1.52	*0.531*	2.86	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	0.663	*0.230*	2.88	*1.00*	09/28/23	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	1.05	*0.407*	2.58	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	09/28/23	KCA	1	
m,p-Xylene	2.77	*0.230*	12.0	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	1.07	*0.230*	4.64	*1.00*	09/28/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	26.3	*0.235*	112	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	37.5	*0.184*	254	*1.25*	09/28/23	KCA	5	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	1
Toluene	1.53	*0.266*	5.76	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	0.434	*0.037*	2.33	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.230	*0.178*	1.29	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	106	*%*	106	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	97	*%*	97	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	99	*%*	09/28/23	KCA	1	
% Bromofluorobenzene (5x)	106	*%*	106	*%*	09/28/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	97	*%*	97	*%*	09/28/23	KCA	5	
% IS-Bromochloromethane (5x)	96	*%*	96	*%*	09/28/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	98	*%*	98	*%*	09/28/23	KCA	5	

Ver 1

Project ID: AAA AUTOMOBILE CLUB OF NY
Phoenix I.D.: CP10195

Client ID: SS-4

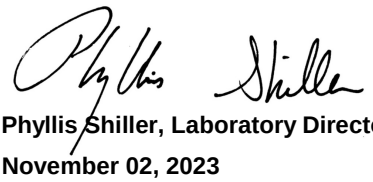
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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

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

Comments:

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Phyllis Shiller, Laboratory Director

November 02, 2023

Reviewed and Released by: Sarah Bell, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Location Code: GC-ENV

SDG I.D.: GCP10191

Project ID: AAA AUTOMOBILE CLUB OF NY

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SS-1	CP10191	28595	6.0L	5392	09/15/23	-30	-7	43	44	2.3	-29	-7	09/26/23 11:25	09/26/23 13:25
SP-2	CP10192	23350	6.0L	5350	09/15/23	-30	-9	43	43	0.0	-30	-9	09/26/23 11:00	09/26/23 13:00
SP-1	CP10193	17156	6.0L	3250	09/15/23	-30	-4	44	44	0.0	-31	-4	09/26/23 11:05	09/26/23 13:05
SS-2	CP10194	456	6.0L	0825	09/15/23	-30	-7	43	43	0.0	-31	-7	09/26/23 11:20	09/26/23 13:20
SS-4	CP10195	16004	6.0L	10620	09/15/23	-30	-4	45	45	0.0	-30	-4	09/26/23 11:23	09/26/23 13:23

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 02, 2023

QA/QC Data

SDG I.D.: GCP10191

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 699161 (ppbv), QC Sample No: CP10183 (CP10193 (5X) , CP10195 (5X))												
Volatiles												
Tetrachloroethene	ND	0.037	ND	0.25	102	0.44	0.45	0.065	0.066	NC	70 - 130	25
% Bromofluorobenzene	104	%	104	%	100	105	105	105	105	NC	70 - 130	25
% IS-1,4-Difluorobenzene	104	%	104	%	99	106	101	106	101	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	98	106	101	106	101	NC	60 - 140	25
% IS-Chlorobenzene-d5	102	%	102	%	107	105	101	105	101	NC	60 - 140	25
QA/QC Batch 699375 (ppbv), QC Sample No: CP10191 (CP10191, CP10192, CP10193, CP10194, CP10195)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	102	2.43	2.49	0.445	0.456	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	108	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	121	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	105	8.20	8.30	1.67	1.69	1.2	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	97	1.94	1.82	0.394	0.370	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	108	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	97	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	103	5.60	5.70	1.14	1.16	1.7	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	105	3.54	3.63	1.49	1.53	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	102	0.35	0.35	0.055	0.055	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCP10191

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	0.480	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	102	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	107	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.200	ND	0.99	108	2.23	2.19	0.451	0.444	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	155	3.62	3.50	1.92	1.86	NC	70 - 130	25	I
Ethyl acetate	ND	0.280	ND	1.01	69	ND	ND	ND	ND	NC	70 - 130	25	I
Ethylbenzene	ND	0.230	ND	1.00	98	2.29	2.30	0.527	0.531	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	122	ND	ND	ND	ND	NC	70 - 130	25	
Hexane	ND	0.280	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	117	1.83	1.83	0.745	0.743	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	103	10.0	10.2	2.31	2.36	2.1	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	110	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	99	3.75	3.78	0.864	0.870	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	114	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	100	97.5	98.8	22.9	23.2	1.3	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	103	88.8	88.1	13.1	13.0	0.8	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	103	3.59	3.61	0.954	0.958	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	103	0.38	0.38	0.071	0.071	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	108	1.26	1.24	0.224	0.221	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.130	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	107	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	101	%	101	%	98	103	104	103	104	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	106	%	106	%	98	100	99	100	99	NC	60 - 140	25	
% IS-Bromochloromethane	107	%	107	%	99	100	98	100	98	NC	60 - 140	25	
% IS-Chlorobenzene-d5	103	%	103	%	107	101	100	101	100	NC	60 - 140	25	

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

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

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

Phyllis Shiller, Laboratory Director
November 02, 2023

Thursday, November 02, 2023

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCP10191 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP10191	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	13.1	0.037	0.443	0.443	ppbv
CP10191	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.071	0.037	0.037	0.037	ppbv
CP10191	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.055	0.032	0.032	0.032	ppbv
CP10192	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.065	0.032	0.032	0.032	ppbv
CP10192	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.574	0.037	0.443	0.443	ppbv
CP10192	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.046	0.037	0.037	0.037	ppbv
CP10193	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	95.2	0.184	0.443	0.443	ppbv
CP10193	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	16.3	0.183	0.55	0.55	ppbv
CP10193	$AIR_NYTO15	1,1-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.099	0.051	0.051	0.051	ppbv
CP10193	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.065	0.032	0.032	0.032	ppbv
CP10193	$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.055	0.051	0.051	0.051	ppbv
CP10193	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	1.05	0.037	0.037	0.037	ppbv
CP10193	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	95.2	0.184	14.8	14.8	ppbv
CP10194	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	2.33	0.183	0.55	0.55	ppbv
CP10194	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.061	0.032	0.032	0.032	ppbv
CP10194	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	10.6	0.037	0.443	0.443	ppbv
CP10194	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.044	0.037	0.037	0.037	ppbv
CP10195	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.434	0.037	0.037	0.037	ppbv
CP10195	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	2.84	0.183	0.55	0.55	ppbv
CP10195	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.062	0.032	0.032	0.032	ppbv
CP10195	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	37.5	0.184	0.443	0.443	ppbv
CP10195	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	37.5	0.184	14.8	14.8	ppbv

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

November 02, 2023 SDG I.D.: GCP10191

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
GC-ENV

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. # 12788 Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: FtoylularGCenvironmental.com
☒ Phone #: 631 206 3700

Report to: Fulya Toylular
Customer: G.C. Environmental, Inc.
Address: 22 Oak Street
15011 Bayshore, NY 11706

Project Name: [redacted] Automobile Club of NY (AAA-Service Station)
Invoice to: Dianna Legahi's
Sampled by: Tyler LaSorsa

Data Format: (Circle) Equis Excel Other: PDF
Requested Deliverable:
RCP ASP CAT B
MCP NJ Deliverables
Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
10191	[redacted] SV-1 SS-1	28595	6.0L	-30	-7	5392	43	11:25	13:25	9/26/23	-29	-7		X	G	X	
10192	SP-2	23350	6.0L	-30	-9	5350	43	11:00	13:00		-30	-9		X	G	X	
10193	SP-1	17156	6.0L	-30	-4	3250	44	11:05	13:05		-31	-4		X	G	X	
10194	SV-2 SS-2	456	6.0L	-30	-7	0825	43	11:20	13:20		-31	-7		X	G	X	
10195	SV-3 SS-4	16004	6.0L	-30	-4	10620	45	11:23	13:23	↓	-30	-4					
		23324	6.0L	-30	—	7039	43	—	—	—	—	—					

Relinquished by: Tyler LaSorsa — Date: 9/27/23 — Time: 12:30
Accepted by: — Date: 9-27-23 — Time: 230

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

Signature: [redacted] Date: 9/26/23

State Where Samples Collected: New York

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(6) - 6.0L 2 hr, 6 Connectors — Only 5 containers used, 1 container un-opened. (23324)

9127123 17:15

Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☐
Standard ☒
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

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

PHOENIX
Environmental Laboratories, Inc.

Thursday, June 09, 2022

Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Project ID: 05-003-00
SDG ID: GCL48939
Sample ID#s: CL48939 - CL48941

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

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

NY # 11301

Sample Id Cross Reference

June 09, 2022

SDG I.D.: GCL48939

Project ID: 05-003-00

Client Id	Lab Id	Matrix
IA-1	CL48939	AIR
SS-8	CL48940	AIR
SS-4	CL48941	AIR

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2022

FOR: Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/03/22	10:14
Location Code:	GC-ENV	Received by:	SW	06/06/22	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12304				
Canister Id:	493				

Laboratory Data

SDG ID: GCL48939
Phoenix ID: CL48939

Project ID: 05-003-00
Client ID: IA-1

Parameter	ppbv Result	ppbv RL		ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	*0.146*		ND	*1.00*	06/07/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*		ND	*1.00*	06/07/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*		ND	*1.00*	06/07/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*		ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*		ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*		ND	*0.20*	06/07/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*		ND	*1.00*	06/07/22	KCA	1	
1,2,4-Trimethylbenzene	3.06	*0.204*		15.0	*1.00*	06/07/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*		ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*		ND	*1.00*	06/07/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*		ND	*1.00*	06/07/22	KCA	1	
1,2-dichloropropane	ND	*0.217*		ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*		ND	*1.00*	06/07/22	KCA	1	
1,3,5-Trimethylbenzene	0.841	*0.204*		4.13	*1.00*	06/07/22	KCA	1	
1,3-Butadiene	ND	*0.452*		ND	*1.00*	06/07/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*		ND	*1.00*	06/07/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*		ND	*1.00*	06/07/22	KCA	1	
1,4-Dioxane	ND	*0.278*		ND	*1.00*	06/07/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*		ND	*1.00*	06/07/22	KCA	1	1
4-Ethyltoluene	3.10	*0.204*		15.2	*1.00*	06/07/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*		ND	*1.00*	06/07/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.512	*0.244*		2.10	*1.00*	06/07/22	KCA	1	
Acetone	178	*0.421*	E	423	*1.00*	06/07/22	KCA	1	
Acrylonitrile	ND	*0.461*		ND	*1.00*	06/07/22	KCA	1	
Benzene	2.26	*0.313*		7.22	*1.00*	06/07/22	KCA	1	
Benzyl chloride	ND	*0.193*		ND	*1.00*	06/07/22	KCA	1	

Project ID: 05-003-00
Client ID: IA-1

Phoenix I.D.: CL48939

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	06/07/22	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	06/07/22	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	06/07/22	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	06/07/22	KCA	1	
Carbon Tetrachloride	0.073		*0.032*	0.46	*0.20*	06/07/22	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	06/07/22	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	06/07/22	KCA	1	
Chloroform	ND		*0.205*	ND	*1.00*	06/07/22	KCA	1	
Chloromethane	0.687		*0.485*	1.42	*1.00*	06/07/22	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	ND	*0.20*	06/07/22	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	06/07/22	KCA	1	
Cyclohexane	ND		*0.291*	ND	*1.00*	06/07/22	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	06/07/22	KCA	1	
Dichlorodifluoromethane	0.450		*0.202*	2.22	*1.00*	06/07/22	KCA	1	
Ethanol	170	E	*0.531*	320	*1.00*	06/07/22	KCA	1	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	06/07/22	KCA	1	1
Ethylbenzene	3.37		*0.230*	14.6	*1.00*	06/07/22	KCA	1	
Heptane	17.3		*0.244*	70.9	*1.00*	06/07/22	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	06/07/22	KCA	1	
Hexane	3.37		*0.284*	11.9	*1.00*	06/07/22	KCA	1	
Isopropylalcohol	3.22		*0.407*	7.91	*1.00*	06/07/22	KCA	1	
Isopropylbenzene	0.274		*0.204*	1.35	*1.00*	06/07/22	KCA	1	
m,p-Xylene	12.4		*0.230*	53.8	*1.00*	06/07/22	KCA	1	
Methyl Ethyl Ketone	0.585		*0.339*	1.72	*1.00*	06/07/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	06/07/22	KCA	1	
Methylene Chloride	ND		*0.863*	ND	*3.00*	06/07/22	KCA	1	
n-Butylbenzene	ND		*0.182*	ND	*1.00*	06/07/22	KCA	1	1
o-Xylene	4.35		*0.230*	18.9	*1.00*	06/07/22	KCA	1	
Propylene	4.88		*0.581*	8.39	*1.00*	06/07/22	KCA	1	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	06/07/22	KCA	1	1
Styrene	0.688		*0.235*	2.93	*1.00*	06/07/22	KCA	1	
Tetrachloroethene	0.061		*0.037*	0.41	*0.25*	06/07/22	KCA	1	
Tetrahydrofuran	ND		*0.339*	ND	*1.00*	06/07/22	KCA	1	1
Toluene	26.8		*0.266*	101	*1.00*	06/07/22	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	06/07/22	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	06/07/22	KCA	1	
Trichloroethene	0.053		*0.037*	0.28	*0.20*	06/07/22	KCA	1	
Trichlorofluoromethane	0.227		*0.178*	1.27	*1.00*	06/07/22	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	06/07/22	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	06/07/22	KCA	1	
QA/QC Surrogates/Internals									
% Bromofluorobenzene	89		*%*	89	*%*	06/07/22	KCA	1	
% IS-1,4-Difluorobenzene	96		*%*	96	*%*	06/07/22	KCA	1	
% IS-Bromochloromethane	95		*%*	95	*%*	06/07/22	KCA	1	
% IS-Chlorobenzene-d5	109		*%*	109	*%*	06/07/22	KCA	1	

Project ID: 05-003-00 Phoenix I.D.: CL48939

Client ID: IA-1

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

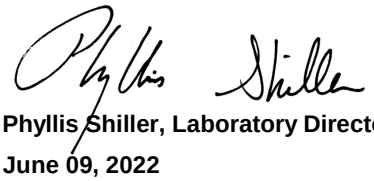
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

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

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



Phyllis Shiller, Laboratory Director

June 09, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2022

FOR: Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/03/22	10:19
Location Code:	GC-ENV	Received by:	SW	06/06/22	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12304				
Canister Id:	369				

Laboratory Data

SDG ID: GCL48939
Phoenix ID: CL48940

Project ID: 05-003-00
Client ID: SS-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/07/22	KCA	1	1
1,1,1-Trichloroethane	0.334	*0.183*	1.82	*1.00*	06/07/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/07/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	06/07/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/07/22	KCA	1	
1,2,4-Trimethylbenzene	8.41	*0.204*	41.3	*1.00*	06/07/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/07/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/07/22	KCA	1	
1,3,5-Trimethylbenzene	2.03	*0.204*	10.0	*1.00*	06/07/22	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/07/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/07/22	KCA	1	1
4-Ethyltoluene	5.91	*0.204*	29.0	*1.00*	06/07/22	KCA	1	1
4-Isopropyltoluene	0.437	*0.182*	2.40	*1.00*	06/07/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/07/22	KCA	1	
Acetone	166	*2.11*	394	*5.01*	06/07/22	KCA	5	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/07/22	KCA	1	
Benzene	1.54	*0.313*	4.92	*1.00*	06/07/22	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/07/22	KCA	1	

Project ID: 05-003-00
Client ID: SS-8

Phoenix I.D.: CL48940

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/07/22	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	06/07/22	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	06/07/22	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	06/07/22	KCA	1	
Carbon Tetrachloride	0.076	*0.032*	0.48	*0.20*	06/07/22	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/07/22	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	06/07/22	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	06/07/22	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	06/07/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	06/07/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	06/07/22	KCA	1	
Cyclohexane	2.57	*0.291*	8.84	*1.00*	06/07/22	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	06/07/22	KCA	1	
Dichlorodifluoromethane	0.485	*0.202*	2.40	*1.00*	06/07/22	KCA	1	
Ethanol	89.1	*2.66*	168	*5.01*	06/07/22	KCA	5	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	1
Ethylbenzene	3.78	*0.230*	16.4	*1.00*	06/07/22	KCA	1	
Heptane	11.4	*0.244*	46.7	*1.00*	06/07/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/07/22	KCA	1	
Hexane	3.49	*0.284*	12.3	*1.00*	06/07/22	KCA	1	
Isopropylalcohol	2.16	*0.407*	5.31	*1.00*	06/07/22	KCA	1	
Isopropylbenzene	0.402	*0.204*	1.97	*1.00*	06/07/22	KCA	1	
m,p-Xylene	16.1	*0.230*	69.9	*1.00*	06/07/22	KCA	1	
Methyl Ethyl Ketone	0.568	*0.339*	1.67	*1.00*	06/07/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	06/07/22	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/07/22	KCA	1	1
o-Xylene	6.98	*0.230*	30.3	*1.00*	06/07/22	KCA	1	
Propylene	3.88	*0.581*	6.67	*1.00*	06/07/22	KCA	1	1
sec-Butylbenzene	0.283	*0.182*	1.55	*1.00*	06/07/22	KCA	1	1
Styrene	37.7	*0.235*	160	*1.00*	06/07/22	KCA	1	
Tetrachloroethene	0.616	*0.037*	4.18	*0.25*	06/07/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/07/22	KCA	1	1
Toluene	17.9	*0.266*	67.4	*1.00*	06/07/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/07/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	06/07/22	KCA	1	
Trichloroethene	0.091	*0.037*	0.49	*0.20*	06/07/22	KCA	1	
Trichlorofluoromethane	0.243	*0.178*	1.36	*1.00*	06/07/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	06/07/22	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	06/07/22	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	97	*%*	97	*%*	06/07/22	KCA	1	
% IS-1,4-Difluorobenzene	107	*%*	107	*%*	06/07/22	KCA	1	
% IS-Bromochloromethane	105	*%*	105	*%*	06/07/22	KCA	1	
% IS-Chlorobenzene-d5	118	*%*	118	*%*	06/07/22	KCA	1	
% Bromofluorobenzene (5x)	95	*%*	95	*%*	06/07/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	90	*%*	90	*%*	06/07/22	KCA	5	
% IS-Bromochloromethane (5x)	91	*%*	91	*%*	06/07/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	94	*%*	94	*%*	06/07/22	KCA	5	

Ver 1

Project ID: 05-003-00 Phoenix I.D.: CL48940

Client ID: SS-8

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

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

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

Comments:

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



Phyllis Shiller, Laboratory Director

June 09, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2022

FOR: Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/03/22	10:32
Location Code:	GC-ENV	Received by:	SW	06/06/22	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12304				
Canister Id:	23343				

Laboratory Data

SDG ID: GCL48939
Phoenix ID: CL48941

Project ID: 05-003-00
Client ID: SS-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/07/22	KCA	1	1
1,1,1-Trichloroethane	199	*5.50*	1090	*30.0*	06/08/22	KCA	30	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/07/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	06/07/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/07/22	KCA	1	
1,2,4-Trimethylbenzene	5.58	*0.204*	27.4	*1.00*	06/07/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/07/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/07/22	KCA	1	
1,3,5-Trimethylbenzene	1.25	*0.204*	6.14	*1.00*	06/07/22	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/07/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/07/22	KCA	1	1
4-Ethyltoluene	3.37	*0.204*	16.6	*1.00*	06/07/22	KCA	1	1
4-Isopropyltoluene	0.318	*0.182*	1.74	*1.00*	06/07/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/07/22	KCA	1	
Acetone	5.44	*0.421*	12.9	*1.00*	06/07/22	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/07/22	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	06/07/22	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/07/22	KCA	1	

Project ID: 05-003-00
Client ID: SS-4

Phoenix I.D.: CL48941

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/07/22	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	06/07/22	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	06/07/22	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	06/07/22	KCA	1	
Carbon Tetrachloride	0.067	*0.032*	0.42	*0.20*	06/07/22	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/07/22	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	06/07/22	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	06/07/22	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	06/07/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	06/07/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	06/07/22	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	06/07/22	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	06/07/22	KCA	1	
Dichlorodifluoromethane	1.84	*0.202*	9.09	*1.00*	06/07/22	KCA	1	
Ethanol	1.83	*0.531*	3.45	*1.00*	06/07/22	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	1
Ethylbenzene	0.968	*0.230*	4.20	*1.00*	06/07/22	KCA	1	
Heptane	1.34	*0.244*	5.49	*1.00*	06/07/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/07/22	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	06/07/22	KCA	1	
Isopropylalcohol	1.18	*0.407*	2.90	*1.00*	06/07/22	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/07/22	KCA	1	
m,p-Xylene	5.82	*0.230*	25.3	*1.00*	06/07/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	06/07/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	06/07/22	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/07/22	KCA	1	1
o-Xylene	3.18	*0.230*	13.8	*1.00*	06/07/22	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	06/07/22	KCA	1	1
sec-Butylbenzene	0.186	*0.182*	1.02	*1.00*	06/07/22	KCA	1	1
Styrene	31.6	*0.235*	135	*1.00*	06/07/22	KCA	1	
Tetrachloroethene	484	*1.11*	3280	*7.52*	06/08/22	KCA	30	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/07/22	KCA	1	1
Toluene	1.38	*0.266*	5.20	*1.00*	06/07/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/07/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	06/07/22	KCA	1	
Trichloroethene	0.317	*0.037*	1.70	*0.20*	06/07/22	KCA	1	
Trichlorofluoromethane	0.286	*0.178*	1.61	*1.00*	06/07/22	KCA	1	
Trichlorotrifluoroethane	0.690	*0.131*	5.28	*1.00*	06/07/22	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	06/07/22	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	95	*%*	95	*%*	06/07/22	KCA	1	
% IS-1,4-Difluorobenzene	111	*%*	111	*%*	06/07/22	KCA	1	
% IS-Bromochloromethane	106	*%*	106	*%*	06/07/22	KCA	1	
% IS-Chlorobenzene-d5	125	*%*	125	*%*	06/07/22	KCA	1	
% Bromofluorobenzene (5x)	95	*%*	95	*%*	06/07/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	72	*%*	72	*%*	06/07/22	KCA	5	
% IS-Bromochloromethane (5x)	86	*%*	86	*%*	06/07/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	92	*%*	92	*%*	06/07/22	KCA	5	

Ver 1

Project ID: 05-003-00
Client ID: SS-4

Phoenix I.D.: CL48941

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (30x)	94	%	94	%	06/08/22	KCA	30
% IS-1,4-Difluorobenzene (30x)	108	%	108	%	06/08/22	KCA	30
% IS-Bromochloromethane (30x)	115	%	115	%	06/08/22	KCA	30
% IS-Chlorobenzene-d5 (30x)	110	%	110	%	06/08/22	KCA	30

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

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

Comments:

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

Phyllis Shiller, Laboratory Director
June 09, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

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

NY # 11301

Canister Sampling Information

June 09, 2022

FOR: Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Location Code: GC-ENV

Project ID: 05-003-00

SDG I.D.: GCL48939

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-1	CL48939	493	6.0L	3968	06/01/22	-30	-6	43	43	0.0	-29	-6	06/03/22 08:14	06/03/22 10:14
SS-8	CL48940	369	6.0L	4980	06/01/22	-30	-6	44	44	0.0	-27	-6	06/03/22 08:19	06/03/22 10:19
SS-4	CL48941	23343	6.0L	5380	06/01/22	-30	-5	45	44	2.2	-28.5	-5	06/03/22 08:22	06/03/22 10:22

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 09, 2022

QA/QC Data

SDG I.D.: GCL48939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 627977 (ppbv), QC Sample No: CL48940 (CL48940, CL48941 (1X, 30X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	91	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	90	1.82	1.78	0.334	0.327	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	95	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	90	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	90	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	102	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	100	41.3	41.1	8.41	8.36	0.6	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	91	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	88	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	97	10.0	9.7	2.03	1.98	2.5	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	93	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	94	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	106	29.0	29.2	5.91	5.94	0.5	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	90	2.40	2.42	0.437	0.441	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	94	ND	1.81	ND	0.442	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	90	385	401	162	169	4.2	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	88	4.92	5.17	1.54	1.62	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	88	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	91	0.48	0.49	0.076	0.078	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	89	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	91	ND	1.12	ND	0.542	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	86	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	81	8.84	9.15	2.57	2.66	3.4	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	91	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	92	2.40	2.51	0.485	0.507	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	84	150 E	159	79.8 E	84.5	5.7	70 - 130	25

QA/QC Data

SDG I.D.: GCL48939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.280	ND	1.01	86	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	97	16.4	16.5	3.78	3.80	0.5	70 - 130	25
Heptane	ND	0.240	ND	0.98	97	46.7	46.7	11.4	11.4	0.0	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	94	12.3	12.9	3.49	3.65	4.5	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	90	5.31	5.63	2.16	2.29	5.8	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	89	1.97	2.02	0.402	0.411	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	104	69.9	69.9	16.1	16.1	0.0	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	91	1.67	1.67	0.568	0.565	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	88	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	90	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	87	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	98	30.3	30.3	6.98	6.99	0.1	70 - 130	25
Propylene	ND	0.580	ND	1.00	97	6.67	5.87	3.88	3.41	12.9	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	92	1.55	1.46	0.283	0.267	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	102	160	160	37.7	37.6	0.3	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	92	4.18	4.49	0.616	0.662	7.2	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	92	67.4	68.2	17.9	18.1	1.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	88	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	93	0.49	0.49	0.091	0.091	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	89	1.36	1.38	0.243	0.245	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	90	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	93	%	93	%	101	97	94	97	94	NC	70 - 130	25
% IS-1,4-Difluorobenzene	102	%	102	%	114	107	108	107	108	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	108	105	104	105	104	NC	60 - 140	25
% IS-Chlorobenzene-d5	105	%	105	%	120	118	121	118	121	NC	60 - 140	25
QA/QC Batch 627754 (ppbv), QC Sample No: CL48942 (CL48939, CL48940 (5X) , CL48941 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	91	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	94	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	93	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	99	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	101	1.44	1.18	0.294	0.240	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	91	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	98	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	89	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	107	1.34	1.12	0.272	0.227	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCL48939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25	
Acetone	ND	0.420	ND	1.00	97	18.8	18.9	7.91	7.96	0.6	70 - 130	25	
Acrylonitrile	ND	0.460	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25	
Benzene	ND	0.310	ND	0.99	89	2.40	2.24	0.751	0.702	NC	70 - 130	25	
Benzyl chloride	ND	0.190	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25	
Bromodichloromethane	ND	0.150	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25	
Bromoform	ND	0.097	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25	
Bromomethane	ND	0.260	ND	1.01	90	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Disulfide	ND	0.320	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Tetrachloride	ND	0.032	ND	0.20	95	0.47	0.46	0.074	0.073	NC	70 - 130	25	
Chlorobenzene	ND	0.220	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25	
Chloroethane	ND	0.380	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25	
Chloroform	ND	0.200	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25	
Chloromethane	ND	0.480	ND	0.99	99	1.24	1.17	0.602	0.566	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	101	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	82	2.04	1.97	0.592	0.573	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.200	ND	0.99	94	2.30	2.07	0.465	0.418	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	88	79.3 E	40.3	42.1 E	21.4	65.2	70 - 130	25	r
Ethyl acetate	ND	0.280	ND	1.01	90	ND	ND	ND	ND	NC	70 - 130	25	
Ethylbenzene	ND	0.230	ND	1.00	98	1.32	1.16	0.305	0.267	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	108	2.87	2.77	0.701	0.676	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25	
Hexane	ND	0.280	ND	0.99	99	7.19	7.01	2.04	1.99	2.5	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	96	1.91	1.82	0.776	0.739	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	105	4.77	4.51	1.10	1.04	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	99	1.02	ND	0.346	ND	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	91	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	96	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	87	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	100	1.51	1.39	0.348	0.320	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	97	0.77	0.69	0.114	0.102	NC	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	98	8.47	7.98	2.25	2.12	5.9	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	92	1.16	1.20	0.207	0.213	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.130	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	93	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	90	%	90	%	103	98	94	98	94	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	98	%	98	%	103	94	96	94	96	NC	60 - 140	25	
% IS-Bromochloromethane	96	%	96	%	100	96	96	96	96	NC	60 - 140	25	
% IS-Chlorobenzene-d5	99	%	99	%	111	96	97	96	97	NC	60 - 140	25	

r = This parameter is outside laboratory RPD specified recovery limits.

QA/QC Data

SDG I.D.: GCL48939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits

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

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

Phyllis Shiller, Laboratory Director
June 09, 2022

Thursday, June 09, 2022

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCL48939 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL48939	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.053	0.037	0.037	0.037	ppbv
CL48939	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.073	0.032	0.032	0.032	ppbv
CL48939	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.46	0.2	0.2	0.2	ug/m3
CL48939	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.28	0.2	0.2	0.2	ug/m3
CL48940	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CL48940	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.616	0.037	0.443	0.443	ppbv
CL48940	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.091	0.037	0.037	0.037	ppbv
CL48940	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.49	0.2	0.2	0.2	ug/m3
CL48940	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.48	0.2	0.2	0.2	ug/m3
CL48940	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	4.18	0	3	3	ug/m3
CL48941	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	199	5.50	0.55	0.55	ppbv
CL48941	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CL48941	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	484	1.11	0.443	0.443	ppbv
CL48941	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.317	0.037	0.037	0.037	ppbv
CL48941	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	484	1.11	14.8	14.8	ppbv
CL48941	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Sub-Slab Vapor	199	5.50	18.3	18.3	ppbv
CL48941	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	1.70	0.2	0.2	0.2	ug/m3
CL48941	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	1090	30	3	3	ug/m3
CL48941	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.42	0.2	0.2	0.2	ug/m3
CL48941	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	3280	8	3	3	ug/m3
CL48941	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Sub-Slab Vapor	1090	30	100	100	ug/m3
CL48941	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	3280	8	100	100	ug/m3

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 09, 2022 SDG I.D.: GCL48939

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

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email: greg@phoenixlabs.com

P.O. # 12304 Page 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: ftoylular@gcenvir.com
☐ Phone #: 631-206-7700

Report to:	Fulya Toylular	Project Name: 05-003-00	Data Format: (Circle) Equis Excel Other:
Customer:	G.C. Environmental, Inc.	Invoice to: Diana Legakis	Requested Deliverable: RCP ASP CAT B
Address:	22 Oak Street		MCP NJ Deliverables
13641	Bayshore, NY 11706	Sampled by: Jeremy Samson	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES		
48939	1A-1	493	6.0L	-30	-6	3968	43	8:14 a.m.	10:14	6/3/22	29	6	X			X		
48940	55-8	369	6.0L	-30	-6	4980	44	8:19 a.m.	10:19	6/3/22	27	6		X		X		
	not used	23318	6.0L	-30		5598	44											
48941	55-4	23343	6.0L	-30	-5	5380	45	8:22	10:22	6/3/22	28.5	5		X		X		

Relinquished by:	Accepted by:	Date:	Time:
Jeremy Samson		6/6/22	10:40
		6/6	1427

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

Signature: _____ Date: _____

State Where Samples Collected: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(4) - 6.0L 2 hr , 4 Connectors

Turnaround Time:
- 1 Day ☐
- 2 Day ☐
- 3 Day ☐
- 4 Day ☐
- 5 Day ☑

Requested Criteria: (Please Circle)

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