



Environmental Assessment & Remediations

A LaBella Company

August 3, 2026

Jolene Lozewski, P.G.
New York State Department of Environmental Conservation
625 Broadway, 12th floor
Albany, NY 12233

RE: 123 Post Avenue, NYSDEC Site No. 130088 - Monthly O&M Summary

Dear Ms. Lozewski:

This document represents the monthly operation & maintenance (O&M) summary for the soil vapor extraction (SVE) system currently operating at the above referenced site. The report summarizes the maintenance and monitoring activities conducted in July 2026.

Routine Operation & Maintenance

Routine O&M activities were conducted on 7/9/26. O&M activities include the collection of operating data such as system vacuum/pressures and air flow rates. During the routine site visits, mechanical components are checked and serviced accordingly. Concentrations of volatile organic compounds (VOCs) in the system's airstream are monitored at key locations using a photo-ionization detector (PID). Prior to use, the PID is calibrated using a 100 ppm isobutylene standard and ambient air. System effluent air samples are collected on a quarterly basis.

O&M Summary

7/9/26 – EAR was onsite to perform routine O&M. The system was operating upon arrival to and departure from the site. No condensate was observed in the moisture separator tank. A system effluent air sample was collected for laboratory analysis. The site data information sheet for 7/9/26 is provided in Appendix A.

Total system uptime for July 2026 is 100%.

System monitoring data for the time period covered in this report is summarized in Table 1.

System Air Sampling

On 7/9/26, an air sample was collected from the system's effluent airstream for laboratory analysis. The sample was collected using a 6-liter passivated Summa canister with regulator set to draw for 30 minutes and submitted to Pace Analytical/Contest (East Longmeadow, MA) for analysis of volatile organic compounds via EPA Method TO-15.



Vapor-phase emissions for select parameters are summarized as follows:

Contaminant	Effluent Concentration (ug/m3)	Emissions (lbs/hr)	MEL ¹ (lbs/hr)
PCE	3.930	0.00259	0.114
TCE	41	0.00003	0.057
1,2-DCE	22	0.00001	Not established
1,2-DCA	<2.13	0.00000	0.011
Vinyl Chloride	<1.35	0.00000	0.011

Historical vapor phase emission data can be found in Table 2. The laboratory analytical report is provided as Appendix B.

Should you have any questions regarding the activities or data detailed in this report, please feel free to contact me at 631.241.8741.

Sincerely,

Ian Hofmann
Project Manager

Cc:
M. Dolan (DOH)
J. Lawrence (EAR)

¹ Mass Emission Limits as per 6NYCRR Part 212-2



TABLES

Table 1: System Monitoring Log

Table 2: Vapor Phase Emissions – Select Contaminants

Table 1

123 Post Avenue
123 Post Avenue, Westbury, NY
NYSDEC Site No. 130088

SVE System Data Log



	Flow (cfm)				Vacuum ("H2O)				PID (ppm)				Vacuum ("H2O)				Pre-Blower		Post Blower				Moist-Sep		System Runtime							
Date/Time	RW-15	RW-25	RW-35	RW-45	RW-15	RW-25	RW-35	RW-45	RW-15	RW-25	RW-35	RW-45	SV-1	SV-2	SV-3	SS-1	SS-2	Vac ("H2O)	Flow (cfm)	Press. ("H2O)	Flow (cfm)	PID (ppm)	Temp (F)	Vac ("H2O)	Hr Meter	Date & Time	HR Meter Diff.	Hrs Since Last Visit	Percentage Uptime Since Last Visit	Percentage Uptime by Month		
4/6/2020	30	45	45	10	-14	-7	-8	-18	6	0.4	0	0	0	0	0	-	-	-30	200	-	190	0.3	80	-30	-	-	-	-	-	-	-	
4/14/2020	30	65	65	10	-14	-7	-14	-18	0.2	0.1	0.5	0	0	0	0	-	-	-30	200	0	200	0.4	100	-32	-	-	-	-	-	-	-	
4/20/2020	30	65	65	5	-16	-6	-8	-16	0	0.1	0	0	-0.25	-0.17	-0.67	-	-	-28	170	2	205	0	92	-26	-	-	-	-	-	-	-	
4/27/2020	25	65	65	20	-15	-7	-8	-17	0.2	0.3	0	0	0	0	0	-	-	-30	200	0	200	0.5	100	-22	-	-	-	-	-	-	-	
April 2020 Avg.	28.8	60	60	11.3	-14.8	-6.8	-9.5	-17.3	1.6	0.23	0.28	0	-0.088	-0.043	-0.193	-	-	-29.5	192.5	0.7	198.8	0.3	93	-27.5	-	-	-	-	-	-	-	
5/4/2020	24	70	70	10	-8	-7	-8	-14	0.2	0.4	0.6	0	-0.1	0	-0.1	-	-	-30	200	2	190	0.5	100	-35	-	-	-	-	-	-	-	
5/14/2020	31	72	68	5	-16	-6	-8	-17	0	0	0	0	-1.4	-0.4	-0.3	-	-	-28	168	3.7	182	0	94	-26	-	-	-	-	-	-	-	
5/21/2020	-	65	65	20	-	-6	-7	-16	-	-	-	-	0	-0.7	0	-	-	-28.5	168	3.4	175	0	108	-23	-	-	-	-	-	-	-	
5/26/2020	30	71	68	19	-14	-6	-8	-16	0	0	0	0	-0.8	-0.12	-1.2	-	-	-30	168	2.8	182	0	104	-26	-	-	-	-	-	-	-	
May 2020 Avg.	28.3	69.5	67.8	13.5	-12.7	-6.3	-7.8	-15.8	0.07	0.13	0.20	0	-0.575	-0.305	-0.400	-	-	-29.1	176	3.0	182.3	0.1	102	-27.5	-	-	-	-	-	-	-	
6/2/2020	29	64	69	14	-14	-6	-8	-16	0	0	0	0	-0.7	-0.39	-0.94	-	-	-28	168	2.7	198	0	106	-26	-	-	-	-	-	-	-	
6/8/2020	30	60	65	15	-13.5	-6	-7.5	-15	0	0	0	0	-0.5	0.2	-7.4	-	-	-27	150	3.13	175	0	116	-28	-	-	-	-	-	-	-	
6/17/2020	30	68	70	17	-14	-5	-8	-16	0	0	0	0	-0.035	-0.068	-0.12	-	-	-28	168	2.9	178	0	108	-26	-	-	-	-	-	-	-	
6/22/2020	32	68	70	18	-14	-5	-8	-16	0.1	0.5	0.6	0.1	-0.5	-1.35	-1.44	-	-	-28	170	2.9	188	0.4	118	-26	-	-	-	-	-	-	-	
6/29/2020	33	68	68	17	-14	-5	-8	-16	0.1	0.5	0.7	0	-0.45	-0.9	-1.2	-	-	-28	168	2.9	176	0.5	122	-26	-	-	-	-	-	-	-	
June 2020 Avg.	30.8	65.6	68.4	16.2	-13.9	-5.4	-7.9	-15.8	0.04	0.2	0.26	0.02	-0.437	-0.502	-30.732	-	-	-27.8	164.8	2.906	183	0.18	114	-26.4	-	-	-	-	-	-	-	
7/6/2020	28	70	76	15	-13.5	-5	-6	-15	0	0	0	1	0	0	0	-	-	-27	150	2.3	155	13	126	-24	-	-	-	-	-	-	-	
7/13/2020	35	65	65	47	-14	-5	-8	-16	0	0.2	0.6	0	0	0	0	-	-	-28	180	0	180	0	120	-25	-	-	-	-	-	-	-	
7/20/2020	33	70	68	14	-16	-5	-8	-16	0	0.2	0.3	0	-0.34	0.13	-22.1	-0.13	-0.14	-28	169	2.6	178	0.2	130	-26	-	-	-	-	-	-	-	
7/29/2020	31	69	71	14	-14	-6	-8	-16	0	0.2	0.4	0	-0.24	-0.24	-27.41	-0.12	-0.31	-28	170	1.9	180	0.9	128	-28	-	-	-	-	-	-	-	
July 2020 Avg.	31.75	63.5	65	17	-14.38	-5.25	-7.5	-15.75	0	0.15	0.325	0.25	-0.145	-0.478	-12.403	-0.125	-0.225	-27.75	167.25	1.7	173.25	3.525	126	-25.75	-	-	-	-	-	-	-	
8/4/2020	30	65	61	15	-12.3	-4.1	-6.2	-15.4	0	0	0	0	-0.9	-1.6	0	-	-	-28	172	3.1	175	0	122	-25	-	-	-	-	-	-	-	
8/10/2020	30	67	70	14	-13	-6	-9	-16	0.1	0.3	0.1	0	-0.33	-1.8	-25.5	-0.15	-0.3	-27	168	2.1	170	0.2	126	-25	-	-	-	-	-	-	-	
8/17/2020	30	67	72	17	-14	-6	-8	-16	0	0.2	0.4	0	-0.33	-0.5	-24.1	-0.21	-0.24	-28	168	2	175	0.7	120	-25	-	-	-	-	-	-	-	
8/24/2020	30	68	70	17	-13.5	-6	-8	-16	0	0.1	0.1	0	-0.29	-0.83	-0.6	-0.01	-0.15	-28	170	1.9	180	0.2	122	-25	-	-	-	-	-	-	-	
8/31/2020	31	69	72	18	-14	-6	-8	-16	0	0.2	0.4	0	-0.31	-0.98	-1.2	-0.22	-0.15	-28	171	2.2	180	1.0	118	-25	-	-	-	-	-	-	-	
August 2020 Avg.	30.2	67.2	69	16.2	-13.36	-5.62	-7.84	-15.88	0.02	0.16	0.4	0	-0.432	-1.142	-10.28	-0.148	-0.21	-27.8	169.8	2.26	176	0.42	121.6	-25	-	-	-	-	-	-	-	
9/14/2020	34	70	72	17	-14	-6	-8	-16	0.2	0.6	1.9	0	-0.48	-0.52	-0.46	-0.3	-0.19	-28	166	2.4	180	1.6	120	-26	-	-	-	-	-	-	-	
9/28/2020	36	61	65	19	-11.8	-6.3	-5.3	-14.2	0	0.1	0	0	-0.13	-1.12	-0.45	-	-	-28	170	2.2	205	0.4	124	-25	-	-	-	-	-	-	-	
September 2020 Avg.	35	65.5	68.5	18	-12.9	-6.15	-6.65	-15.1	0.1	0.35	0.95	0	-0.305	-0.82	-0.455	-0.3	-0.19	-28	168	2.3	192.5	1	122	-25.5	-	-	-	-	-	-	-	
10/12/2020	28	70	65	18	-14	-7	-8	-16	0	0.1	0.4	0	-1.2	-0.8	-0.99	-0.1	-0.11	-27	170	2.1	185	0.3	100	-24	-	-	-	-	-	-	-	
10/26/2020	27	70	72	16	-14	-6	-9	-15	0.2	0.1	0.7	0	-0.8	-1.1	-0.75	-0.19	-0.17	-27	175	2	181	0.1	112	-26	-	-	-	-	-	-	-	
October 2020 Avg.	27.5	70	68.5	17	-14	-6.5	-8.5	-15.5	0	0.15	0.15	0	-0.575	-1.1	-0.715	-0.18	-0.185	-27	172.5	2.05	183	0.2	106	-25	-	-	-	-	-	-	-	
11/9/2020	33	70	68	15	-16	-6	-9	-17	0	0	0	0	-1.02	-1.11	-0.89	-0.11	-0.12	-30	178	3.5	182	0	102	-26	-	-	-	-	-	-	-	
11/23/2020	35	67	72	14	-16	-6	-8	-18	0	0	0.3	0	-1.11	-0.8	-0.5	-0.18	-0.11	-30	177	3.2	175	0.1	100	-27	-	-	-	-	-	-	-	
November 2020 Avg.	34	68.5	70	14.5	-16	-6	-8.5	-17.5	0	0	0.15	0	-1.065	-0.955	-0.695	-0.145	-0.115	-30	177.5	3.35	178.5	0.05	101	-26.5	-	-	-	-	-	-	-	
1/4/2021	16	60	62	14	-8	-4	-8	-10	0	0	0	0	-0.36	-0.31	-0.34	-0.09	-0.08	-18	200	1.1	240	0	72	-16	-	-	-	-	-	-	-	
1/18/2021	18	6																														

Table 2

123 Post Avenue
Westbury, NY
NYSDEC Site # 130088



Vapor Phase Emissions - Select Contaminants
SVE-Effluent
EPA Method TO-15
ConTest/Pace Labs (2/2023 - 11/2023), Phoenix Labs (2/2024), ConTest/Pace Labs (5/2024 -)

Date	Flow Rate (CFM)	Tetrachloroethene				Trichloroethene				1,2-Dichloroethene				1,2-Dichloroethane				Vinyl Chloride				Total VOC			
		Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate			
		PCE (ug/M3)	(lbs/hr)	(lbs/day)	Cumulative (lbs)	TCE (ug/M3)	(lbs/hr)	(lbs/day)	Cumulative (lbs)	1,2-DCE (ug/M3)	(lbs/hr)	(lbs/day)	Cumulative (lbs)	1,2-DCA (ug/M3)	(lbs/hr)	(lbs/day)	Cumulative (lbs)	Vinyl Chloride (ug/M3)	(lbs/hr)	(lbs/day)	Cumulative (lbs)	Total VOC (ug/M3)	(lbs/hr)	(lbs/day)	Cumulative (lbs)
02/14/23	184.0	1.6	0.00000	0.000	0.000	<1.1	0.00000	0.000	0.000	<1.58	0.0000	0.000	0.000	<0.81	0.00000	0.000	0.000	<0.51	0.000	0.000	0.000	266	0.000	0.004	0.000
05/16/23	185.0	2.3	0.00000	0.000	0.002	<0.54	0.00000	0.000	0.000	<0.8	0.0000	0.000	0.000	<0.4	0.00000	0.000	0.000	<0.26	0.000	0.000	0.000	5,955	0.004	0.099	0.401
08/08/23	190.0	530.0	0.00038	0.009	0.006	30	0.00002	0.001	0.000	19	0.0000	0.000	0.000	<0.4	0.00000	0.000	0.000	<0.26	0.000	0.000	0.000	646	0.000	0.011	8.722
11/10/23	180.0	22.0	0.00001	0.000	0.857	3	0.00000	0.000	0.048	5	0.0000	0.000	0.031	0.4	0.00000	0.000	0.000	<0.26	0.000	0.000	0.000	633	0.000	0.010	9.759
02/20/24	190.0	2,010.0	0.00143	0.034	0.893	19	0.00001	0.000	0.053	8	0.0000	0.000	0.039	<5.02	0.00000	0.000	0.001	<1.0	0.000	0.000	0.000	2,053	0.001	0.035	10.804
05/15/24	180.0	1.9	0.00000	0.000	3.812	2	0.00000	0.000	0.080	3	0.0000	0.000	0.050	<0.40	0.00000	0.000	0.001	<0.26	0.000	0.000	0.000	218	0.000	0.004	13.786
08/13/24	180.0	110.0	0.00007	0.002	3.815	<0.54	0.00000	0.000	0.083	15	0.0000	0.000	0.054	<0.40	0.00000	0.000	0.001	<0.26	0.000	0.000	0.000	362	0.000	0.006	14.104
11/07/24	180.0	1,340.0	0.00090	0.022	3.968	41	0.00003	0.001	0.083	16	0.0000	0.000	0.075	<0.081	0.00000	0.000	0.001	<0.051	0.000	0.000	0.000	1,424	0.001	0.023	14.608
03/06/25	155.0	1,440.0	0.00084	0.020	6.549	22	0.00001	0.000	0.161	9	0.0000	0.000	0.106	<0.202	0.00000	0.000	0.001	<0.128	0.000	0.000	0.000	1,479	0.001	0.021	17.350
06/04/25	175.0	646.0	0.00042	0.010	8.355	29	0.00002	0.000	0.188	14	0.0000	0.000	0.117	0.4	0.00000	0.000	0.001	<0.051	0.000	0.000	0.000	877	0.001	0.014	19.205
10/28/25	179.0	622.0	0.00042	0.010	9.840	28	0.00002	0.000	0.255	13	0.0000	0.000	0.149	<0.337	0.00000	0.000	0.002	<0.213	0.000	0.000	0.000	686	0.000	0.011	21.220
01/07/26	177.0	389.0	0.00026	0.006	10.550	14	0.00001	0.000	0.286	7	0.0000	0.000	0.164	0.3	0.00000	0.000	0.002	<0.102	0.000	0.000	0.000	461	0.000	0.007	22.004
04/02/26	210.0	3,250.0	0.00256	0.061	11.077	21	0.00002	0.000	0.304	9	0.0000	0.000	0.174	<1.02	0.00000	0.000	0.002	<0.642	0.000	0.000	0.000	3,488	0.003	0.066	22.628
07/09/26	176.0	3,930.0	0.00259	0.062	17.091	41	0.00003	0.001	0.343	22	0.0000	0.000	0.191	<2.13	0.00000	0.000	0.002	<1.35	0.000	0.000	0.000	4,070	0.003	0.064	29.083
AVERAGE:	181.5			0.017				0.000				0.000				0.000				0.000			0.027		

Notes:
lbs/hr = (CFM x 60) x (concentration x 0.000001 x 0.02832 x 0.002205)
•1,2-DCE value = reported c-1,2-DCE concentration + t-1,2-DCE concentration
MASS EMISSION LIMITS (MEL) per 6NYCRR Part 212-2 Table 2:
PCE: 1,000 lbs/year (or 0.114 lbs/hr)
TCE: 500 lbs/year (or 0.057 lbs/hr)
1,2-DCE: not established
1,2-DCA: 100 lbs/year (or 0.011 lbs/hr)
Vinyl Chloride: 100 lbs/year (or 0.011 lbs/hr)



Appendix A: Site Data Information Sheets

130088
123 POST AVENUE
WESTBURY, NY 11590

O&M CHECKLIST - SVE SYSTEM

Date: 7/9/26

Inspected By: JB

System:

SVE Vacuum Relief Valve:

Hour Meter (Hours):

Arrival

On / Off

Open / Closed

34386.8 @ 11:44

Departure

On / Off

Open / Closed

SVE SYSTEM

Liquid Present in Moisture Separator? Amount?	Yes / <u>No</u>	
Moisture Separator Emptied?	Yes / <u>No</u>	
Moisture Disposal Drum	F / 75 / <u>50</u> / 25 / E	
Particulate Filter Inspected?	Yes / <u>No</u>	
Particulate Filter Require Cleaning or Replacement?	Yes / <u>No</u>	
Condition of SVE Shed?	<u>good</u>	
Vegetation Require Maintenance?	Yes / <u>No</u>	
Any Evidence of System Tampering, Vandalism or Damage?	Yes / <u>No</u>	
Exhaust Stack in Good Condition?	<u>Yes</u> / No	

SVE WELL READINGS

SVE Well #	Air Flow (cfm)	Vacuum ("H2O)	PID (ppm)	Flow Control (Ball) Valve	Condition of Well?
RW1-S	<u>46</u>	<u>-18</u>	<u>0.1</u>	<u>0</u> / 75 / 50 / 25 / C	
RW2-S	<u>74</u>	<u>-8</u>	<u>0.3</u>	<u>0</u> / 75 / 50 / 25 / C	
RW3-S	<u>77</u>	<u>-11</u>	<u>0</u>	<u>0</u> / 75 / 50 / 25 / C	
RW4-S	<u>19</u>	<u>-24</u>	<u>0.2</u>	<u>0</u> / 75 / 50 / 25 / C	

SVE MONITORING POINTS

	Vacuum ("H2O)		Vacuum ("H2O)	Notes
SV-1	<u>- .70</u>	SS-1	<u>- .12</u>	
SV-2	<u>- .79</u>	SS-2	<u>- .14</u>	
SV-3	<u>- .66</u>			

SVE SYSTEM DATA

	Moisture Separator	Pre-Blower (Influent)	Post-Blower (Effluent)	Notes
Vacuum ("H2O)	<u>-24</u>	<u>-30</u>		
Pressure ("H2O)			<u>+3.4</u>	
Air Flow (cfm)		<u>175</u>	<u>176</u>	
PID (ppm)			<u>0.2</u>	
Temp (F)		<u>-</u>	<u>114</u>	

CARBON SYSTEM DATA

	Pre-Carbon	Between Carbon	Post-Carbon	Notes
Air Flow (cfm)			<u>-</u>	
PID (ppm)	<u>-</u>	<u>-</u>	<u>-</u>	

SVE RADIUS OF INFLUENCE

Piezometer ID	Vacuum ("H2O)	Notes
MW-1	<u>-</u>	
MW-2	<u>-</u>	
MW-3	<u>-</u>	

Attached Photographs



Appendix B: Laboratory Analytical Report



ANALYTICAL REPORT

Lab Number:	L2644081
Client:	NYDEC_Env. Assessment & Remediation 225 Atlantic Avenue Patchogue, NY 11772
ATTN:	Jolene Lozewski
Phone:	(888) 327-6789
Project Name:	123 POST AVENUE
Project Number:	CO 149579/S 130088
Report Date:	07/21/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2644081-01	SVE EFF	SOIL_VAPOR	123 POST AVENUE, WESTBURY, NASSAU	07/09/26 12:12	07/10/26

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Case Narrative

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

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

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

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

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

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

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 30, 2026. The canister certification data is provided as an addendum.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

L2644081-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature:



Jennifer Jerome

Title: Technical Director/Representative

Date: 07/21/26

QC OUTLIER SUMMARY REPORT

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
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There are no QC Outliers associated with this report.

AIR

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

SAMPLE RESULTS

Lab ID: L2644081-01 D
 Client ID: SVE EFF
 Sample Location: 123 POST AVENUE, WESTBURY, NASSAU

Date Collected: 07/09/26 12:12
 Date Received: 07/10/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/17/26 18:54
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	5.27	1.31	ND	26.1	6.48		26.34
Chloromethane	ND	5.27	1.99	ND	10.9	4.11		26.34
Freon-114	ND	1.32	0.168	ND	9.23	1.17		26.34
Vinyl chloride	ND	0.527	0.232	ND	1.35	0.593		26.34
Bromomethane	1.16	0.527	0.248	4.50	2.05	0.963		26.34
Chloroethane	ND	2.63	1.04	ND	6.94	2.74		26.34
Ethanol	ND	132	35.6	ND	249	67.1		26.34
Trichlorofluoromethane	ND	1.32	0.242	ND	7.42	1.36		26.34
1,1-Dichloroethene	ND	0.527	0.203	ND	2.09	0.805		26.34
Tert-Butyl Alcohol	ND	13.2	3.53	ND	40.0	10.7		26.34
Methylene chloride	ND	13.2	2.90	ND	45.9	10.1		26.34
Freon-113	ND	1.32	0.219	ND	10.1	1.68		26.34
trans-1,2-Dichloroethene	0.369	0.527	0.237	1.46	2.09	0.940	J	26.34
1,1-Dichloroethane	ND	0.527	0.226	ND	2.13	0.915		26.34
Methyl tert butyl ether	ND	5.27	0.687	ND	19.0	2.48		26.34
2-Butanone	7.11	13.2	3.48	21.0	38.9	10.3	J	26.34
cis-1,2-Dichloroethene	5.16	0.527	0.269	20.5	2.09	1.07		26.34
Chloroform	0.738	0.527	0.187	3.60	2.57	0.913		26.34
1,2-Dichloroethane	ND	0.527	0.219	ND	2.13	0.886		26.34
n-Hexane	ND	5.27	1.24	ND	18.6	4.37		26.34
1,1,1-Trichloroethane	ND	0.527	0.155	ND	2.88	0.846		26.34
Benzene	ND	2.63	0.785	ND	8.40	2.51		26.34
Carbon tetrachloride	ND	0.527	0.290	ND	3.32	1.82		26.34



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

SAMPLE RESULTS

Lab ID: L2644081-01 D
 Client ID: SVE EFF
 Sample Location: 123 POST AVENUE, WESTBURY, NASSAU

Date Collected: 07/09/26 12:12
 Date Received: 07/10/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	ND	5.27	0.824	ND	18.1	2.84		26.34
1,2-Dichloropropane	ND	0.527	0.219	ND	2.44	1.01		26.34
Bromodichloromethane	ND	0.527	0.195	ND	3.53	1.31		26.34
1,4-Dioxane	ND	2.63	0.906	ND	9.48	3.26		26.34
Trichloroethene	7.66	0.527	0.158	41.2	2.83	0.849		26.34
2,2,4-Trimethylpentane	ND	5.27	0.974	ND	24.6	4.55		26.34
Heptane	ND	5.27	0.824	ND	21.6	3.38		26.34
cis-1,3-Dichloropropene	ND	0.527	0.311	ND	2.39	1.41		26.34
4-Methyl-2-pentanone	ND	13.2	5.03	ND	54.1	20.6		26.34
trans-1,3-Dichloropropene	ND	0.527	0.303	ND	2.39	1.38		26.34
1,1,2-Trichloroethane	ND	0.527	0.255	ND	2.88	1.39		26.34
Toluene	0.816	2.63	0.437	3.08	9.91	1.65	J	26.34
Dibromochloromethane	ND	0.527	0.211	ND	4.49	1.80		26.34
1,2-Dibromoethane	ND	0.527	0.240	ND	4.05	1.84		26.34
Tetrachloroethene	580	0.527	0.195	3930	3.57	1.32		26.34
Chlorobenzene	ND	2.63	0.680	ND	12.1	3.13		26.34
Ethylbenzene	0.896	0.527	0.224	3.89	2.29	0.973		26.34
p/m-Xylene	2.13	1.05	0.474	9.25	4.56	2.06		26.34
Bromoform	ND	0.527	0.292	ND	5.45	3.02		26.34
Styrene	0.395	0.527	0.208	1.68	2.24	0.886	J	26.34
1,1,1,2,2-Tetrachloroethane	ND	0.527	0.176	ND	3.62	1.21		26.34
o-Xylene	1.98	0.527	0.229	8.60	2.29	0.995		26.34
1,3,5-Trimethylbenzene	1.16	0.527	0.253	5.70	2.59	1.24		26.34
1,2,4-Trimethylbenzene	2.03	0.527	0.200	9.98	2.59	0.983		26.34
Benzyl chloride	ND	2.63	0.874	ND	13.6	4.53		26.34
1,3-Dichlorobenzene	0.922	0.527	0.203	5.54	3.17	1.22		26.34



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

SAMPLE RESULTS

Lab ID: L2644081-01 D
 Client ID: SVE EFF
 Sample Location: 123 POST AVENUE, WESTBURY, NASSAU

Date Collected: 07/09/26 12:12
 Date Received: 07/10/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.527	0.198	ND	3.17	1.19		26.34
1,2-Dichlorobenzene	ND	0.527	0.163	ND	3.17	0.980		26.34
1,2,4-Trichlorobenzene	ND	1.32	0.384	ND	9.80	2.85		26.34
Naphthalene	ND	1.32	0.553	ND	6.92	2.90		26.34
Hexachlorobutadiene	ND	1.32	0.290	ND	14.1	3.09		26.34

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	100		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	101		60-140



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/17/26 15:10

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01 Batch: WG2243184-4								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	ND	5.00	1.35	ND	9.42	2.54		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
n-Hexane	ND	0.200	0.047	ND	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1
Cyclohexane	ND	0.200	0.031	ND	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/17/26 15:10

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01 Batch: WG2243184-4								
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173		1
Heptane	ND	0.200	0.031	ND	0.820	0.128		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/17/26 15:10

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01 Batch: WG2243184-4								
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01 Batch: WG2243184-3								
Dichlorodifluoromethane	84		-		70-130	-		
Chloromethane	84		-		70-130	-		
Freon-114	92		-		70-130	-		
Vinyl chloride	92		-		70-130	-		
Bromomethane	101		-		70-130	-		
Chloroethane	95		-		70-130	-		
Ethanol	82		-		40-160	-		
Trichlorofluoromethane	73		-		70-130	-		
1,1-Dichloroethene	96		-		70-130	-		
Tert-Butyl Alcohol ¹	80		-		70-130	-		
Methylene chloride	99		-		70-130	-		
Freon-113	103		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	96		-		70-130	-		
Methyl tert butyl ether	88		-		70-130	-		
2-Butanone	88		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		
Chloroform	88		-		70-130	-		
1,2-Dichloroethane	78		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01 Batch: WG2243184-3								
n-Hexane	86		-		70-130	-		
1,1,1-Trichloroethane	76		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	76		-		70-130	-		
Cyclohexane	93		-		70-130	-		
1,2-Dichloropropane	95		-		70-130	-		
Bromodichloromethane	83		-		70-130	-		
1,4-Dioxane	91		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	93		-		70-130	-		
Heptane	90		-		70-130	-		
cis-1,3-Dichloropropene	108		-		70-130	-		
4-Methyl-2-pentanone	87		-		70-130	-		
trans-1,3-Dichloropropene	108		-		70-130	-		
1,1,2-Trichloroethane	95		-		70-130	-		
Toluene	109		-		70-130	-		
Dibromochloromethane	100		-		70-130	-		
1,2-Dibromoethane	113		-		70-130	-		
Tetrachloroethene	109		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01 Batch: WG2243184-3								
Chlorobenzene	111		-		70-130	-		
Ethylbenzene	105		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	106		-		70-130	-		
Styrene	115		-		70-130	-		
1,1,2,2-Tetrachloroethane	111		-		70-130	-		
o-Xylene	105		-		70-130	-		
1,3,5-Trimethylbenzene	110		-		70-130	-		
1,2,4-Trimethylbenzene	114		-		70-130	-		
Benzyl chloride	80		-		70-130	-		
1,3-Dichlorobenzene	113		-		70-130	-		
1,4-Dichlorobenzene	118		-		70-130	-		
1,2-Dichlorobenzene	118		-		70-130	-		
1,2,4-Trichlorobenzene	120		-		70-130	-		
Naphthalene	88		-		70-130	-		
Hexachlorobutadiene	121		-		70-130	-		

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Serial_No:07212619:16
Lab Number: L2644081
Report Date: 07/21/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2644081-01	SVE EFF	03235	Flow 1	06/30/26	571591		-	-	-	Pass	160	165	3
L2644081-01	SVE EFF	5783	6.0L TO Can	06/30/26	571591	L2639696-06	Pass	-29.6	-7.7	-	-	-	-



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2639696
Report Date: 07/21/26

Air Canister Certification Results

Lab ID: L2639696-06
Client ID: CAN 5631 SHELF 137
Sample Location:

Date Collected: 06/24/26 13:12
Date Received: 06/24/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 06/25/26 00:15
Analyst: ONG

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2639696
Report Date: 07/21/26

Air Canister Certification Results

Lab ID: L2639696-06
Client ID: CAN 5631 SHELF 137
Sample Location:

Date Collected: 06/24/26 13:12
Date Received: 06/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2639696**Project Number:** CANISTER QC BAT**Report Date:** 07/21/26**Air Canister Certification Results**

Lab ID: L2639696-06

Date Collected: 06/24/26 13:12

Client ID: CAN 5631 SHELF 137

Date Received: 06/24/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2639696
Report Date: 07/21/26

Air Canister Certification Results

Lab ID: L2639696-06
Client ID: CAN 5631 SHELF 137
Sample Location:

Date Collected: 06/24/26 13:12
Date Received: 06/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
1,2,3-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.283		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2639696**Project Number:** CANISTER QC BAT**Report Date:** 07/21/26**Air Canister Certification Results**

Lab ID: L2639696-06

Date Collected: 06/24/26 13:12

Client ID: CAN 5631 SHELF 137

Date Received: 06/24/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	99		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2639696
Report Date: 07/21/26

Air Canister Certification Results

Lab ID: L2639696-06
Client ID: CAN 5631 SHELF 137
Sample Location:

Date Collected: 06/24/26 13:12
Date Received: 06/24/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 06/25/26 00:15
Analyst: ONG

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2639696
Report Date: 07/21/26

Air Canister Certification Results

Lab ID: L2639696-06
Client ID: CAN 5631 SHELF 137
Sample Location:

Date Collected: 06/24/26 13:12
Date Received: 06/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2639696**Project Number:** CANISTER QC BAT**Report Date:** 07/21/26**Air Canister Certification Results**

Lab ID: L2639696-06

Date Collected: 06/24/26 13:12

Client ID: CAN 5631 SHELF 137

Date Received: 06/24/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	95		60-140



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Serial_No:07212619:16
Lab Number: L2644081
Report Date: 07/21/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2644081-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)

Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

Lab Number: L2644081
Report Date: 07/21/26

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers



Project Name: 123 POST AVENUE
Project Number: CO 149579/S 130088

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Report Date: 07/21/26

Data Qualifiers

estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 123 POST AVENUE
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Lab Number: L2644081
Report Date: 07/21/26

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; **SCM:** Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; **SCM:** Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NO₂, NO₃.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.

EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.

EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.

EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran, 1,3,5-Trichlorobenzene, Freon-113.

EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.

EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.

EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.

SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH₃, NECi: NO₂, NO₃, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

EPA 504.1: EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT,.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

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

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO₃, NO₂, FI, Cl, SO₄. **NECI Reductase:** NO₃, NO₂.

SM4500F-C, SM4500CI-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.

EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9223-P/A: TC/EC; **SM9223B-Colilert-enumeration:** TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500CI-B, SM4500NH3-B, C, EPA 350.1, NECi: NO₃, **SM4500NH3-B, C:** TKN, **SM4500P-E:** Ortho Phosphate, **SM4500P-B, E:** Total Phosphorus, **EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500CI-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO₄, NO₃.

EPA 624.1: Volatile Halocarbons, Volatile Aromatics.

EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.

EPA 625.1: SVOC-Acid Extractables and Base/Neutrals

Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028

CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

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



Sample Delivery Group Summary

Pace Job Number : L2644081

Received : 10-JUL-2026

Reviewer : Jennifer Jerome

Account Name : NYDEC_Env. Assessment & Remediation

Project Number : CO 149579/S 130088

Project Name : 123 POST AVENUE

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between COC & sample labels?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	YES

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NA
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