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ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

June 1, 2023

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 March through May 2023.

Routine Operation & Maintenance

Routine O&M activities were conducted on 3/13/23, 4/12/23, and 5/16/23. 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

3/13/23 – EAR was onsite to conduct routine O&M. Although system had been operating non-stop since the prior site visit, the SVE blower hour meter readings showed no change. The system was operating upon arrival to and departure from the site.

3/15/23 – EAR was onsite to assess the hour meter. A breaker for the meter was found tripped and was reset. The system was operating upon arrival to and departure from the site.

4/12/23 – EAR was onsite to conduct routine O&M. The system was operating upon arrival to and departure from the site.

5/16/23 - EAR was onsite to conduct routine O&M. An air sample was collected from the SVE effluent air stream. The system was operating upon arrival to and departure from the site.

Total system uptime for March - May 2023 is 100%.

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

System Air Sampling

On 5/16/23, an air sample was collected from the system's effluent airstream for laboratory analysis. The sample was collected using a 1-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 in Table 2. The laboratory analytical report is provided as Appendix A.

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:
J. Lawrence (EAR)
J. Nealon (NYSDOH)

TABLES

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-1S	RW-2S	RW-3S	RW-4S	RW-1S	RW-2S	RW-3S	RW-4S	RW-1S	RW-2S	RW-3S	RW-4S	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	0.6	0	-0.1	0	-0.1	-	-	-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	-144	-	-	-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	-0.1	-	-	-27	150	2.3	155	13	126	-24	-	-	-	-	-	-	
7/13/2020	35	45	45	25	-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	-2.04	-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	1.4	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	0.2	0	-0.35	-1.1	-0.68	-0.17	-0.2	-27	170	2.1	185	0.3	100	-24	-	-	-	-	-	-	
10/26/2020	27	70	72	16	-14	-6	-9	-15	0	0.2	0.1	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	65	69	21	-10	-5	-7.5	-13	0	0	0	0	-1.01	-0.8	-0.99	-0.1	-0.11	-24	220	0.9	228	0	79	-20	-	-	-	-	-	-	
January 2021 Avg.	17	62.5	65.5	17.5	-9	-4.5	-7.75	-1.5	0	0	0	0	-0.685	-0.555	-0.665	-0.095	-0.095	-21	210	1	234	0	75.5	-18	-	-	-	-	-	-	
2/5/2021	39	65	65	47	-15	-9	-5	-10	-	-	-	-	-	-	-	-	-	-37	210	-	220	-	80	-	-	-	-	-	-	-	
2/16/2021	39	70	68	47	-15	-5	-9	-10	0.1	0	0.6	0.2	-2.01	-0.89	-1.88	-0.09	-0.15	-37	210	1.2	221	0.4	80	-30	-	-	-	-	-	-	
February 2021 Avg.	39	67.5	66.5	47	-15	-7	-7	-10	0.1	0	0.6	0.2	-2.01	-0.89	-1.88	-0.09	-0.15	-37	210	1.2	220.5	0.4	80	-30	-	-	-	-	-	-	
3/1/2021	35	70	72	44	-15	-6	-8	-10	0	0.1	0.4	0	-0.88	-1.1	-0.99	-0.08	-0.07	-38	210	1.9	210	0.3	88	-30	-	-	-	-	-	-	
3/15/2021	37	70	72	47	-16	-6	-9	-10	0.1	0.7	0.2	0.3	-1.1	-1.3	-0.95	-0.07	-0.06	-38	224	1.9	238	0.3	79	-34	-	-	-	-	-	-	
3/29/2021	37	70	71	48	-16	-6	-8	-10	0.7	3.6	1.1	0.3	-1.2	-0.8	-0.99	-0.1	-0.09	-38	210	2.4	230	5.2	98	-30	-	-	-	-	-	-	
March 2021 Avg.	36.3	70.0	71.7	46.3	-15.7	-6	-8.3	-10	0.3	1.5	0.6	0.2	-1.06	-1.07	-0.98	-0.08	-0.07	-38	214.7	2.1	226	1.9	88.3	-31.3	-	-	-	-	-	-	
4/12/2021	36	71	74	44	-16	-7	-8	-10	0.2	0.1	0.4	0.3	-1.11	-0.68	-0.9	-0.1	-0.11	-39	211	1.8	214	0.5	92	-42	-	-	-	-	-	-	
4/26/2021	36	67	72	47	-16	-6	-8	-11	1.2	72.4	19.5	1.6	-1.11	-0.9	-0.78	-0.2	-0.18	-40	210	2.2	224	68.1	94	-32	-	-	-	-	-	-	
April 2021 Avg.	36.0	69.0	73.0	45.5	-16.0	-6.5	-8.0	-10.5	0.7	36.3	10.0	0.95	-1.11	-0.79	-0.84	-0.15	-0.15	-39.5	210.5	2.0	219	34.3	93.0	-37.0	-	-	-	-	-	-	
5/10/2021	28	65	72	14.5	-15.6	-3.9	-7.6	-9.5	0	0	0	0	-	-0.54	-0.42	-	-	-33	208	2	220	0	99	-16	-	-	-	-	-	-	
5/24/2021	39	74	72	50	-17	-4	-9	-11	0.2	0	0.1	0	-1.11	-0.9	-1.2	-0.11	-0.08	-40	210	2.1	225	0.3	106	-34	-	-	-	-	-	-	
May 2021 Avg.	33.5	69.5	72.0	32.3	-16.3	-3.95	-8.3	-10.25	0.1	0	0.1	0	-1.11	-0.72	-0.81	-0.11	-0.08	-36.5	209.0	2.1	222.5	0.2	102.5	-25.0	-	-	-	-	-	-	
8/17/2021	26	60	70	40	-12	-5	-6	-8	3.8	3.8	3.7	3.8	-	-	-	-		-28	200	0	200	4.2	110	-22	-	-	-	-	-	-	
8/31/2021	26	63	70	39	-12	-6	-7	-9	0.2	0.1	1.1	0.7	-1.1	-0.9	-1.2	-0.11	-0.12	-28	168	2.5	182	0.8	102	-22	-	-	-	-	-	-	
August 2021 Avg.	26.0	61.5	70.0	39.5	-12.0	-5.5	-6.5	-8.5	2.0	2	2.4	2.25	-1.1	-0.90	-1.20	-0.11	-0.12	-28	184.0	1.3	191	2.5	106.0	-22.0	-	-	-	-	-	-	
9/13/2021	27	66	72	35	-13	-6	-8	-9	0.1	0.2	0	0.3	-1.4	-0.7	-1	-0.1	-0.12	-28	170	2.2	185	0.9	100	-23	-	-	-	-	-	-	
9/29/2021	26	63	72	39	-13	-5	-7	-8	0.2	0.7	0	0.4	-1.1	-0.88	-0.61	-0.14	-0.12	-27	170	2.1	182	0.9	85	-23	-	-	-	-	-	-	
Sept. 2021 Avg.	26.5	64.5	72.0	37.0	-13.0	-5.5	-7.5	-8.5	0.2	0.5	0.0	0.35	-1.25	-0.79	-0.81	-0.12	-0.12	-27.5	170.0	2.2	183.5	0.9	92.5	-23.0	-	-	-	-	-	-	
10/13/2021	28	65	70	40	-13	-6	-7	-10	0.2	0.1	1	0.8	-1.5	-0.9	-1	-0.1	-0.12	-27	170	2.7	177	1.2	97	-22	-	-	-	-	-	-	
10/25/2021	31	65	72	36	-13	-7	-7	-10	0.1	1.2	1	0.4	-1.1	-1.2	-0.9	-0.12	-0.14	-29	170	2.4	180	1.2	97	-21	-	-	-	-	-	-	
October 2021 Avg.	29.5	65.0	71.0	38.0	-13.0	-6.5	-7.0	-10	0.2	0.7	1.0	0.6	-1.3	-1.05	-0.95	-0.11	-0.13	-28	170.0	2.6	178.5	1.2	97.0	-21.5	-	-	-	-	-	-	
11/10/2021	24	65	73	42	-15	-6	-8	-9	0	0.7	1.2	0.2	-1.1	-0.98	-1.2	-0.16	-0.14	-30	180	2.1	175	1.1	86	-22	-	-	-	-	-	-	
11/23/2021	20	65	70	40	-15	-5	-8	-8	0.3	1.2	1.2	0.6	0.0	0.0	0.0	0.0	0.0	-30	180	0	180	0.6	50	-30	-	-	-	-	-	-	
November 2021 Avg.	22.0	65.0	71.5	41.0	-15.0	-5.5	-8.0	-8.5	0.2	1.0	1.2	0.4	-0.55	-0.49	-0.60	-0.08	-0.07	-30	180.0	1.1	177.5	0.9	68.0	-26.0	-	-	-	-	-	-	
12/9/2021	28	64	70	41	-15	-6	-8	-9	0.1	1.1	1.2	0.8	-1	-1.1	-0.9	-0.1	-0.12	-30	175	2.1	180	0.9	80	-12	-	-	-	-	-	-	
12/21/2021	20	65	70	40	-15	-5	-7	-8	0.3	0.2	0.2	0	0.0	0.0	0.0	0.0	0.0	-30	200	0	200	0.1	50	-10	-	-	-	-	-	-	
December 2021 Avg.	24.0	64.5	70.0	40.5	-15.0	-5.5	-7.5	-8.5	0.2	0.7	0.7	0.4	-0.5	-0.55	-0.45	-0.05	-0.06	-30	187.5	1.1	190	0.5	65.0	-11.0	-	-	-	-	-	-	
1/3/2022	32	63	71	44	-15	-7	-8	-9	0	0	0.5	0.2	-1.1	-0.98	-1.2	-0.1	-0.12	-29	177	2.2	180	0.3	75	-13	-	-	-	-	-	-	
1/18/2022	34	70	74	48	-16	-6	-9	-10	1.4	0.2	0	0.4	-1.2	-1.0	-0.8	-0.1	-0.2	-28	174	2	180	1.1	68	-14	-	-	-	-	-	-	
January 2022 Avg.	33.0	66.5	72.5	46.0	-15.5	-6.5	-8.5	-9.5	0.7	0.1	0.3	0.3	-1.15	-0.98	-0.99	-0.11	-0.14	-28.5	175.5	2.1	180	0.7	71.5	-13.5	-	-	-	-	-	-	
2/3/2022	32	68	71	45	-18	-7	-10	-12	1.1	0	0	0	-	-	-	-	-	-22	165	2	180	1	58	-12	0	2/3/2022 11:15	-	-	-		
2/18/2022	26	64	70	40	-14	-7	-8	-10	0	0.1	0	0	-1.1	-0.98	-0.9	-0.14	-0.12	-30	170	1.8	170	0	-	-12	343	2/18/2022 9:52	343.0	358.6	96%	February	98%
February 2022 Avg.	29.0	66.0	70.5	42.5	-16.0	-7	-9.0	-11	0.6	0.1	0.0	0	-1.1	-0.98	-0.90	-0.14	-0.12	-26	167.5	1.9	175	0.5	58.0	-12.0	-	-	-	-	-		
3/10/2022	26	62	65	37	-14	-6.5	-7	-9.5	0	9.5	0	0	-0.25	-2.7	-0.26	-0.17	-0.09	-30	180	4.4	182	0.1	77	-17	785.3	3/10/2022 10:06	442.3	480.2	92%	March	95%
4/4/2022	26	65	15.1	29	-14	-7	-8	-9	0	0.9	0	0	-0.78	-0.82	-1.1	-0.16	-0.18	28	180	4.4	185	0.8	90	-14	1294.5	4/4/2022 12:51	509.2	602.8	84%	April	87%
5/3/2022	18	65	74	41	-17	-7	-8	-9	0	0	0	0	-0.9	-0.99	-1.1	-0.11	-0.15	-30	180	1.9	188	0	101	-13	1988.4	5/3/2022 10:45	693.9	693.9	100%	May	98%
5/18/2022	28	65	73	40	-14	-6	-7	-9	0	0	0	0	-0.9	-1.1	-1.12	-0.14	-0.13	-30	180	1.7	185	0	91	-13	2332.4	5/18/2022 9:10	344.0	358.4	96%		
6/13/2022	28	64	75	40	-14	-6	-8	-9	0	0	0.1	0.1	-1.22	-0.91	-0.97	-0.1	-0.14	-28	175	1.8	180	0.1	106	-13	2957	6/13/2022 9:49	624.6	624.7	100%	June	100%
7/11/2022	27	65	71	37	-15	-7	-8	-9	0	0.1	0.1	0	-1	-0.9	-0.98	-0.1	-0.12	-28	175	2	180	0.1	109	-14	3630.5	7/11/2022 11:22	673.5	673.5	100%	July	95%
8/1/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4083	8/1/2022 11:41	452.5	504.3	90%	August	88%
8/11/2022	30	65	71	39	-13	-6	-7	-8	0	1.1	0.8	0	-1.02	-0.9	-0.88	-0.15	-0.17	-28	180	2	180	1	109	-14	4230.7	8/11/2022 10:52	147.7	239.2	62%		
9/2/2022	28	64	65	39	-12.5	-6	-7	-8.5	0.1	0.7	0.4	1	-1.1	-1.1	-0.9	-0.12	-0.16	-27	185	4.6	190	1.3	106	-23.5	4759.4	9/2/2022 11:34	528.7	528.7	100%	September	100%
10/3/2022	28	65	70	39	-13	-7	-8	-9.5	4.1	12.2	10.4	18.2	-1.02	-0.88	-0.7	-0.14	-0.12	-30	185	1.7	190	6.4	88	-18	5502.5	10/3/2022 10:44	743.1	743.2	100%	October	100%
11/1/2022	32	66	72	39	-14	-6	-8	-9	0.1	0.9	0.8	0.4	-1.1	-0.88	-0.69	-0.12	-0.14	-30	170	2	180	0.7	90	-15	6198.1	11/1/2022 10:18	695.6	695.6	100%		
11/18/2022	28	64	71	39	-15	-7.5	-8	-9	0.2	0	0	0	-0.88	-0.9	-0.61	-0.12	-0.13	-32	180	2.2	185	0.1	75	-16	6571.1	11/18/2022 7:00	373.0	404.7	92%	November	85%
11/23/2022	30	62	70	34	-14.5	-7	-8.5	-10.5	0	0.3	0.02	0.2	-0.11	-0.2	-0.9	-1.2	-1.1	-29	175	1.3	180	0.1	82	-14	6618.8	11/23/2022 11:39	47.7	124.7	38%		
12/13/2022	28	64	70	19	-14	-7	-8	-10	0	0.2	0	0	-0.96	-0.98	-1.02	-0.12	-0.13	-31	175	1.7	180	0.1	70	-14	7076	12/13/2022 9:15	457.2	477.6	96%	December	53%
12/19/2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7148	12/19/2022 8:25	72.0	143.2	50%		
1/18/2023	30	65	65	30	-14	-7.5	-8	-11	0.3	0.3	0.4	0.3	-1.1	-1.1	-1.2	-0.12	-0.16	-30	165	5.3	180	0.4	80	-25	7148	1/18/2023 12:45	0.0	724.3	0%	January	43%
2/14/2023	23	60	66	30	-21	-9.2	-8.2	-20.6	3.1	4.3	3.8	2.4	-0.4	0	0	-	-	-23.5	170	-	184	3.6	90	-27.5	7841.1	2/14/2023 9:45	693.1	645	107%	February	100%
3/13/2023	33	73	61	28	-12.8	-6.7	-7.4	-16.7	0.1	0.1	0.1	0.3	-0.1	0	0	-	-	-33	170	2.7	188	0.2	80	-32	7148.1	3/13/2023 8:30	-693	646.7	100%	March	100%
4/12/2023	37	71	74	18	-16	-8	-9	-19	0	0.2	0.1	0	-1.02	-0.98	-1.1	-0.12	-0.13	-30	175	1.6	180	0.2	92	-26	7819.1	4/12/2023 10:46	671	722.3	100%	April	100%
5/16/2023	35	72	74	20	-16	-8	-9	-18	0	0	0	0	-1.02	-0.88	-1.21	-0.18	-0.2	-30	170	2.1	185	0	108	-25	8636.7	5/16/2023 12:23	817.6	817.6	100%	May	100%

123 Post Avenue
Westbury, NY
NYSDEC Site # 130088

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

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

Date	Flow Rate	Tetrachloroethene				Trichloroethene				1,2-Dichloroethene				1,2-Dichloroethane				Total VOC			
		Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate				Emissions Rate			
	(CFM)	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)	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**	**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**	**5,955**	**0.004**	**0.099**	**0.401**
AVERAGE:	**184.5**			**0.000**				**0.000**				**0.000**				**0.000**				**0.052**	

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

Appendix A: Laboratory Analytical Report

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 26, 2023

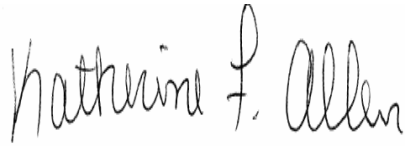
Ian Hofmann
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: 123 Post Avenue, Westbury, Nassau
Client Job Number:
Project Number: 130088
Laboratory Work Order Number: 23E2661

Enclosed are results of analyses for samples as received by the laboratory on May 18, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kyle K. Stuckey
Project Manager



QA Officer
Katherine Allen

Laboratory Manager
Daren Damboragian

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772
ATTN: Ian Hofmann

REPORT DATE: 5/26/2023

PURCHASE ORDER NUMBER: 146946

PROJECT NUMBER: 130088

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23E2661

The results of analyses performed on the following samples submitted to Con-Test, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 123 Post Avenue, Westbury, Nassau

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SVE EFF	23E2661-01	Soil Gas		EPA TO-15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Qualifications:

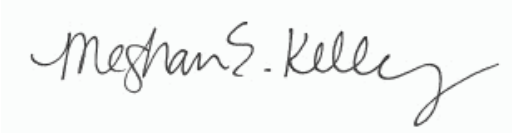
L-05 Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Naphthalene

23E2661-01[SVE EFF], B341420-BS1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: 123 Post Avenue, Westbury, Nass
Date Received: 5/18/2023
Field Sample #: SVE EFF
Sample ID: 23E2661-01
Sample Matrix: Soil Gas
Sampled: 5/16/2023 12:30

Sample Description/Location:
Sub Description/Location:
Canister ID: 2787
Canister Size: 1 liter
Flow Controller ID: 3406
Sample Type: 30 min

Work Order: 23E2661
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	Results	RL	MDL	Flag/Qual	Results	RL	MDL	Dilution	Analyzed	Analyst
Acetone	62	4.0	2.4		150	9.5	5.7	2	5/24/23 20:48	CMR
Benzene	0.32	0.10	0.076		1.0	0.32	0.24	2	5/24/23 20:48	CMR
Benzyl chloride	ND	0.10	0.088		ND	0.52	0.46	2	5/24/23 20:48	CMR
Bromodichloromethane	ND	0.10	0.070		ND	0.67	0.47	2	5/24/23 20:48	CMR
Bromoform	ND	0.10	0.068		ND	1.0	0.70	2	5/24/23 20:48	CMR
Bromomethane	ND	0.10	0.067		ND	0.39	0.26	2	5/24/23 20:48	CMR
1,3-Butadiene	ND	0.10	0.084		ND	0.22	0.19	2	5/24/23 20:48	CMR
2-Butanone (MEK)	9.0	4.0	1.1		27	12	3.1	2	5/24/23 20:48	CMR
Carbon Disulfide	0.33	1.0	0.092	J	1.0	3.1	0.29	2	5/24/23 20:48	CMR
Carbon Tetrachloride	1.7	0.10	0.080		11	0.63	0.50	2	5/24/23 20:48	CMR
Chlorobenzene	ND	0.10	0.066		ND	0.46	0.31	2	5/24/23 20:48	CMR
Chloroethane	0.092	0.10	0.089	J	0.24	0.26	0.23	2	5/24/23 20:48	CMR
Chloroform	0.14	0.10	0.095		0.67	0.49	0.46	2	5/24/23 20:48	CMR
Chloromethane	0.68	0.20	0.079		1.4	0.41	0.16	2	5/24/23 20:48	CMR
Cyclohexane	0.26	0.10	0.060		0.91	0.34	0.21	2	5/24/23 20:48	CMR
Dibromochloromethane	ND	0.10	0.066		ND	0.85	0.56	2	5/24/23 20:48	CMR
1,2-Dibromoethane (EDB)	ND	0.10	0.060		ND	0.77	0.46	2	5/24/23 20:48	CMR
1,2-Dichlorobenzene	ND	0.10	0.057		ND	0.60	0.35	2	5/24/23 20:48	CMR
1,3-Dichlorobenzene	18	0.10	0.055		110	0.60	0.33	2	5/24/23 20:48	CMR
1,4-Dichlorobenzene	ND	0.10	0.065		ND	0.60	0.39	2	5/24/23 20:48	CMR
Dichlorodifluoromethane (Freon 12)	0.25	0.10	0.098		1.3	0.49	0.48	2	5/24/23 20:48	CMR
1,1-Dichloroethane	ND	0.10	0.087		ND	0.40	0.35	2	5/24/23 20:48	CMR
1,2-Dichloroethane	ND	0.10	0.091		ND	0.40	0.37	2	5/24/23 20:48	CMR
1,1-Dichloroethylene	ND	0.10	0.076		ND	0.40	0.30	2	5/24/23 20:48	CMR
cis-1,2-Dichloroethylene	ND	0.10	0.073		ND	0.40	0.29	2	5/24/23 20:48	CMR
trans-1,2-Dichloroethylene	ND	0.10	0.079		ND	0.40	0.31	2	5/24/23 20:48	CMR
1,2-Dichloropropane	ND	0.10	0.054		ND	0.46	0.25	2	5/24/23 20:48	CMR
cis-1,3-Dichloropropene	ND	0.10	0.052		ND	0.45	0.24	2	5/24/23 20:48	CMR
trans-1,3-Dichloropropene	ND	0.10	0.051		ND	0.45	0.23	2	5/24/23 20:48	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10	0.098		ND	0.70	0.69	2	5/24/23 20:48	CMR
1,4-Dioxane	ND	1.0	0.083		ND	3.6	0.30	2	5/24/23 20:48	CMR
Ethanol	54	4.0	1.8		100	7.5	3.3	2	5/24/23 20:48	CMR
Ethyl Acetate	ND	1.0	0.51		ND	3.6	1.8	2	5/24/23 20:48	CMR
Ethylbenzene	2.9	0.10	0.058		12	0.43	0.25	2	5/24/23 20:48	CMR
4-Ethyltoluene	0.91	0.10	0.061		4.5	0.49	0.30	2	5/24/23 20:48	CMR
Heptane	0.46	0.10	0.064		1.9	0.41	0.26	2	5/24/23 20:48	CMR
Hexachlorobutadiene	ND	0.10	0.082		ND	1.1	0.88	2	5/24/23 20:48	CMR
Hexane	1.0	4.0	0.52	J	3.5	14	1.8	2	5/24/23 20:48	CMR
2-Hexanone (MBK)	0.48	0.10	0.050		2.0	0.41	0.20	2	5/24/23 20:48	CMR
Isopropanol	2200	40	6.9		5500	98	17	20	5/24/23 21:28	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.10	0.077		ND	0.36	0.28	2	5/24/23 20:48	CMR
Methylene Chloride	ND	1.0	0.46		ND	3.5	1.6	2	5/24/23 20:48	CMR
4-Methyl-2-pentanone (MIBK)	0.88	0.10	0.053		3.6	0.41	0.22	2	5/24/23 20:48	CMR
Naphthalene	0.48	0.10	0.075	L-05	2.5	0.52	0.40	2	5/24/23 20:48	CMR
Propene	ND	4.0	0.88		ND	6.9	1.5	2	5/24/23 20:48	CMR
Styrene	0.38	0.10	0.053		1.6	0.43	0.22	2	5/24/23 20:48	CMR
1,1,2,2-Tetrachloroethane	ND	0.10	0.054		ND	0.69	0.37	2	5/24/23 20:48	CMR

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ANALYTICAL RESULTS

Project Location: 123 Post Avenue, Westbury, Nass
Date Received: 5/18/2023
Field Sample #: SVE EFF
Sample ID: 23E2661-01
Sample Matrix: Soil Gas
Sampled: 5/16/2023 12:30

Sample Description/Location:
Sub Description/Location:
Canister ID: 2787
Canister Size: 1 liter
Flow Controller ID: 3406
Sample Type: 30 min

Work Order: 23E2661
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -9.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv				ug/m3				Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag/Qual**	**Results**	**RL**	**MDL**	**Dilution**	**Analyzed**	**Analyst**
Tetrachloroethylene	0.34	0.10	0.076		2.3	0.68	0.52	2	5/24/23 20:48	CMR
Tetrahydrofuran	1.9	1.0	0.16		5.6	2.9	0.48	2	5/24/23 20:48	CMR
Toluene	8.1	0.10	0.057		30	0.38	0.22	2	5/24/23 20:48	CMR
1,2,4-Trichlorobenzene	ND	0.10	0.093		ND	0.74	0.69	2	5/24/23 20:48	CMR
1,1,1-Trichloroethane	ND	0.10	0.079		ND	0.55	0.43	2	5/24/23 20:48	CMR
1,1,2-Trichloroethane	ND	0.10	0.070		ND	0.55	0.38	2	5/24/23 20:48	CMR
Trichloroethylene	ND	0.10	0.067		ND	0.54	0.36	2	5/24/23 20:48	CMR
Trichlorofluoromethane (Freon 11)	0.29	0.40	0.12	J	1.7	2.2	0.66	2	5/24/23 20:48	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.11	0.40	0.11	J	0.86	3.1	0.85	2	5/24/23 20:48	CMR
1,2,4-Trimethylbenzene	4.6	0.10	0.044		23	0.49	0.22	2	5/24/23 20:48	CMR
1,3,5-Trimethylbenzene	1.2	0.10	0.053		6.0	0.49	0.26	2	5/24/23 20:48	CMR
Vinyl Acetate	ND	2.0	0.54		ND	7.0	1.9	2	5/24/23 20:48	CMR
Vinyl Chloride	ND	0.10	0.090		ND	0.26	0.23	2	5/24/23 20:48	CMR
m&p-Xylene	7.3	0.20	0.11		31	0.87	0.49	2	5/24/23 20:48	CMR
o-Xylene	4.3	0.10	0.051		19	0.43	0.22	2	5/24/23 20:48	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	99.5	70-130	5/24/23 20:48
4-Bromofluorobenzene (1)	96.0	70-130	5/24/23 21:28

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
23E2661-01 [SVE EFF]	B341420	1.5	1	N/A	1000	400	300	05/24/23
23E2661-01RE1 [SVE EFF]	B341420	1.5	1	N/A	1000	400	30	05/24/23

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B341420 - TO-15 Prep											
Blank (B341420-BLK1)					Prepared & Analyzed: 05/24/23						
Acetone	ND	0.80									
Benzene	ND	0.020									
Benzyl chloride	ND	0.020									
Bromodichloromethane	ND	0.020									
Bromoform	ND	0.020									
Bromomethane	ND	0.020									
1,3-Butadiene	ND	0.020									
2-Butanone (MEK)	ND	0.80									
Carbon Disulfide	ND	0.20									
Carbon Tetrachloride	ND	0.020									
Chlorobenzene	ND	0.020									
Chloroethane	ND	0.020									
Chloroform	ND	0.020									
Chloromethane	ND	0.040									
Cyclohexane	ND	0.020									
Dibromochloromethane	ND	0.020									
1,2-Dibromoethane (EDB)	ND	0.020									
1,2-Dichlorobenzene	ND	0.020									
1,3-Dichlorobenzene	ND	0.020									
1,4-Dichlorobenzene	ND	0.020									
Dichlorodifluoromethane (Freon 12)	ND	0.020									
1,1-Dichloroethane	ND	0.020									
1,2-Dichloroethane	ND	0.020									
1,1-Dichloroethylene	ND	0.020									
cis-1,2-Dichloroethylene	ND	0.020									
trans-1,2-Dichloroethylene	ND	0.020									
1,2-Dichloropropane	ND	0.020									
cis-1,3-Dichloropropene	ND	0.020									
trans-1,3-Dichloropropene	ND	0.020									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.020									
1,4-Dioxane	ND	0.20									
Ethanol	ND	0.80									
Ethyl Acetate	ND	0.20									
Ethylbenzene	ND	0.020									
4-Ethyltoluene	ND	0.020									
Heptane	ND	0.020									
Hexachlorobutadiene	ND	0.020									
Hexane	ND	0.80									
2-Hexanone (MBK)	ND	0.020									
Isopropanol	ND	0.80									
Methyl tert-Butyl Ether (MTBE)	ND	0.020									
Methylene Chloride	ND	0.20									
4-Methyl-2-pentanone (MIBK)	ND	0.020									
Naphthalene	ND	0.020									
Propene	ND	0.80									
Styrene	ND	0.020									

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B341420 - TO-15 Prep											
Blank (B341420-BLK1)					Prepared & Analyzed: 05/24/23						
1,1,2,2-Tetrachloroethane	ND	0.020									
Tetrachloroethylene	ND	0.020									
Tetrahydrofuran	ND	0.20									
Toluene	ND	0.020									
1,2,4-Trichlorobenzene	ND	0.020									
1,1,1-Trichloroethane	ND	0.020									
1,1,2-Trichloroethane	ND	0.020									
Trichloroethylene	ND	0.020									
Trichlorofluoromethane (Freon 11)	ND	0.080									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.080									
1,2,4-Trimethylbenzene	ND	0.020									
1,3,5-Trimethylbenzene	ND	0.020									
Vinyl Acetate	ND	0.40									
Vinyl Chloride	ND	0.020									
m&p-Xylene	ND	0.040									
o-Xylene	ND	0.020									
Surrogate: 4-Bromofluorobenzene (1)	*7.89*				*8.00*		*98.6*	*70-130*			
LCS (B341420-BS1)					Prepared & Analyzed: 05/24/23						
Acetone	5.38				5.00		108	70-130			
Benzene	5.11				5.00		102	70-130			
Benzyl chloride	6.39				5.00		128	70-130			
Bromodichloromethane	5.00				5.00		100	70-130			
Bromoform	5.44				5.00		109	70-130			
Bromomethane	5.12				5.00		102	70-130			
1,3-Butadiene	4.94				5.00		98.8	70-130			
2-Butanone (MEK)	5.35				5.00		107	70-130			
Carbon Disulfide	5.06				5.00		101	70-130			
Carbon Tetrachloride	5.12				5.00		102	70-130			
Chlorobenzene	5.04				5.00		101	70-130			
Chloroethane	5.02				5.00		100	70-130			
Chloroform	5.02				5.00		100	70-130			
Chloromethane	5.04				5.00		101	70-130			
Cyclohexane	5.29				5.00		106	70-130			
Dibromochloromethane	5.17				5.00		103	70-130			
1,2-Dibromoethane (EDB)	5.13				5.00		103	70-130			
1,2-Dichlorobenzene	5.74				5.00		115	70-130			
1,3-Dichlorobenzene	5.67				5.00		113	70-130			
1,4-Dichlorobenzene	5.68				5.00		114	70-130			
Dichlorodifluoromethane (Freon 12)	5.24				5.00		105	70-130			
1,1-Dichloroethane	4.90				5.00		98.0	70-130			
1,2-Dichloroethane	5.06				5.00		101	70-130			
1,1-Dichloroethylene	5.20				5.00		104	70-130			
cis-1,2-Dichloroethylene	5.13				5.00		103	70-130			
trans-1,2-Dichloroethylene	4.97				5.00		99.3	70-130			
1,2-Dichloropropane	4.93				5.00		98.6	70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B341420 - TO-15 Prep												
LCS (B341420-BS1)					Prepared & Analyzed: 05/24/23							
cis-1,3-Dichloropropene	5.33				5.00		107		70-130			
trans-1,3-Dichloropropene	5.63				5.00		113		70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.55				5.00		90.9		70-130			
1,4-Dioxane	5.60				5.00		112		70-130			
Ethanol	6.01				5.00		120		70-130			
Ethyl Acetate	4.62				5.00		92.5		70-130			
Ethylbenzene	5.63				5.00		113		70-130			
4-Ethyltoluene	6.17				5.00		123		70-130			
Heptane	5.46				5.00		109		70-130			
Hexachlorobutadiene	5.02				5.00		100		70-130			
Hexane	5.05				5.00		101		70-130			
2-Hexanone (MBK)	5.75				5.00		115		70-130			
Isopropanol	4.49				5.00		89.8		70-130			
Methyl tert-Butyl Ether (MTBE)	5.15				5.00		103		70-130			
Methylene Chloride	5.08				5.00		102		70-130			
4-Methyl-2-pentanone (MIBK)	5.62				5.00		112		70-130			
Naphthalene	7.39				5.00		**148**	*	70-130			L-05
Propene	4.84				5.00		96.8		70-130			
Styrene	6.12				5.00		122		70-130			
1,1,2,2-Tetrachloroethane	5.15				5.00		103		70-130			
Tetrachloroethylene	5.05				5.00		101		70-130			
Tetrahydrofuran	5.58				5.00		112		70-130			
Toluene	5.44				5.00		109		70-130			
1,2,4-Trichlorobenzene	6.30				5.00		126		70-130			
1,1,1-Trichloroethane	4.77				5.00		95.4		70-130			
1,1,2-Trichloroethane	5.20				5.00		104		70-130			
Trichloroethylene	5.19				5.00		104		70-130			
Trichlorofluoromethane (Freon 11)	5.03				5.00		101		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.80				5.00		96.1		70-130			
1,2,4-Trimethylbenzene	6.16				5.00		123		70-130			
1,3,5-Trimethylbenzene	5.99				5.00		120		70-130			
Vinyl Acetate	6.14				5.00		123		70-130			
Vinyl Chloride	4.98				5.00		99.7		70-130			
m&p-Xylene	11.7				10.0		117		70-130			
o-Xylene	5.87				5.00		117		70-130			
Surrogate: 4-Bromofluorobenzene (1)	*8.00*				*8.00*		*100*		*70-130*			

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Note: Blank Subtraction is not performed unless otherwise noted

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
RL	Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
LCS Dup	Duplicate Laboratory Control Sample
MS	Matrix Spike Sample
MS Dup	Duplicate Matrix Spike Sample
REC	Recovery
QC	Quality Control
ppbv	Parts per billion volume
EPA	United States Environmental Protection Agency
% REC	Percent Recovery
ND	Not Detected
N/A	Not Applicable
DL	Detection Limit
NC	Not Calculated
LFB/LCS	Lab Fortified Blank/Lab Control Sample
ORP	Oxidation-Reduction Potential
wet	Not dry weight corrected
% wt	Percent weight
Kg	Kilogram
g	Gram
mg	Milligram
µg	Microgram
ng	Nanogram
L	Liter
mL	Milliliter
µL	Microliter
m3	Cubic Meter
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
APH	Air Petroleum Hydrocarbons
FID	Flame Ionization Detector
PID	Photo Ionization Detector
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-05	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.

ANALYST

STATION	Report Queue Station
KKS	Kyle K. Stuckey
KMC	Kristen M Couture
CMR	Catherine M. Rouleau
CMH	Christian M. Henriquez

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S087880-ICV1)			Lab File ID: G23A142005.D			Analyzed: 05/22/23 12:35			
Bromochloromethane (1)	1177814	8.294	1177814	8.294	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2526889	10.069	2526889	10.069	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2419599	14.434	2419599	14.434	100	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S088072-CCV1)			Lab File ID: G23A144004.D			Analyzed: 05/24/23 11:22			
Bromochloromethane (1)	1026913	8.295	1026913	8.295	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2119438	10.069	2119438	10.069	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2036007	14.428	2036007	14.428	100	60 - 140	0.0000	+/-0.50	
LCS (B341420-BS1)			Lab File ID: G23A144005.D			Analyzed: 05/24/23 12:02			
Bromochloromethane (1)	1064132	8.294	1026913	8.295	104	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	2225890	10.068	2119438	10.069	105	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	2147429	14.433	2036007	14.428	105	60 - 140	0.0050	+/-0.50	
Blank (B341420-BLK1)			Lab File ID: G23A144010.D			Analyzed: 05/24/23 15:42			
Bromochloromethane (1)	969958	8.295	1026913	8.295	94	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1988013	10.069	2119438	10.069	94	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1980499	14.434	2036007	14.428	97	60 - 140	0.0060	+/-0.50	
SVE EFF (23E2661-01)			Lab File ID: G23A144017.D			Analyzed: 05/24/23 20:48			
Bromochloromethane (1)	1043664	8.295	1026913	8.295	102	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2148319	10.063	2119438	10.069	101	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	2123954	14.434	2036007	14.428	104	60 - 140	0.0060	+/-0.50	
SVE EFF (23E2661-01RE1)			Lab File ID: G23A144018.D			Analyzed: 05/24/23 21:28			
Bromochloromethane (1)	965933	8.295	1026913	8.295	94	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1978658	10.062	2119438	10.069	93	60 - 140	-0.0070	+/-0.50	
Chlorobenzene-d5 (1)	1885989	14.427	2036007	14.428	93	60 - 140	-0.0010	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S088072-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	5.49	0.842918	0.9259285		9.8	30
Benzene	A	5.00	5.27	0.7637592	0.8043921		5.3	30
Benzyl chloride	A	5.00	6.38	0.8073339	1.030796		27.7	30
Bromodichloromethane	A	5.00	5.19	0.6340264	0.6583866		3.8	30
Bromoform	A	5.00	5.53	0.5011309	0.5542111		10.6	30
Bromomethane	A	5.00	5.19	0.4077907	0.4230637		3.7	30
1,3-Butadiene	A	5.00	5.21	0.3749869	0.3904658		4.1	30
2-Butanone (MEK)	A	5.00	5.39	1.356654	1.461366		7.7	30
Carbon Disulfide	A	5.00	5.00	1.498765	1.500156		0.09	30
Carbon Tetrachloride	A	5.00	5.32	0.539535	0.5741454		6.4	30
Chlorobenzene	A	5.00	5.20	0.7621755	0.791833		3.9	30
Chloroethane	A	5.00	5.01	0.2218197	0.2222506		0.2	30
Chloroform	A	5.00	5.04	1.217612	1.226955		0.8	30
Chloromethane	A	5.00	5.23	0.4957722	0.5185779		4.6	30
Cyclohexane	A	5.00	5.45	0.2931361	0.3193186		8.9	30
Dibromochloromethane	A	5.00	5.32	0.6090453	0.6484504		6.5	30
1,2-Dibromoethane (EDB)	A	5.00	5.28	0.5427769	0.5726063		5.5	30
1,2-Dichlorobenzene	A	5.00	5.72	0.5821018	0.6655498		14.3	30
1,3-Dichlorobenzene	A	5.00	5.72	0.6255462	0.7149806		14.3	30
1,4-Dichlorobenzene	A	5.00	5.68	0.6180168	0.7015481		13.5	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.36	1.160248	1.243455		7.2	30
1,1-Dichloroethane	A	5.00	4.87	1.08368	1.056289		-2.5	30
1,2-Dichloroethane	A	5.00	5.16	0.8141384	0.8403485		3.2	30
1,1-Dichloroethylene	A	5.00	5.19	0.9011757	0.9359126		3.9	30
cis-1,2-Dichloroethylene	A	5.00	5.25	0.7729613	0.8115897		5.0	30
trans-1,2-Dichloroethylene	A	5.00	5.09	0.8219112	0.8362929		1.7	30
1,2-Dichloropropane	A	5.00	5.09	0.3298189	0.3360363		1.9	30
cis-1,3-Dichloropropene	A	5.00	5.64	0.4150927	0.4677791		12.7	30
trans-1,3-Dichloropropene	A	5.00	5.73	0.3654657	0.4186287		14.5	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	4.94	1.209903	1.195647		-1.2	30
1,4-Dioxane	A	5.00	5.70	0.1479759	0.1685352		13.9	30
Ethanol	A	5.00	5.57	0.1349814	0.1503722		11.4	30
Ethyl Acetate	A	5.00	5.31	0.2012452	0.2137373		6.2	30
Ethylbenzene	A	5.00	5.90	1.135348	1.339048		17.9	30
4-Ethyltoluene	A	5.00	6.27	1.109241	1.391726		25.5	30
Heptane	A	5.00	5.69	0.2586753	0.2945045		13.9	30
Hexachlorobutadiene	A	5.00	4.94	0.387821	0.3835264		-1.1	30
Hexane	A	5.00	5.16	0.8920789	0.9209801		3.2	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S088072-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	6.02	0.7281651	0.8762665		20.3	30
Isopropanol	A	5.00	5.33	1.000317	1.066451		6.6	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	5.28	1.287691	1.360815		5.7	30
Methylene Chloride	A	5.00	5.22	0.7800979	0.814684		4.4	30
4-Methyl-2-pentanone (MIBK)	A	5.00	5.98	0.7770459	0.9289353		19.5	30
Naphthalene	A	5.00	6.40	0.8550023	1.095228		28.1	30
Propene	A	5.00	5.05	0.5584422	0.5644256		1.1	30
Styrene	A	5.00	6.30	0.6029259	0.7599856		26.0	30
1,1,2,2-Tetrachloroethane	A	5.00	5.32	0.8096179	0.8619467		6.5	30
Tetrachloroethylene	A	5.00	5.23	0.4009165	0.4196489		4.7	30
Tetrahydrofuran	A	5.00	5.38	0.1920565	0.2067042		7.6	30
Toluene	A	5.00	5.60	0.9093073	1.018854		12.0	30
1,2,4-Trichlorobenzene	A	5.00	6.22	0.3643446	0.4535379		24.5	30
1,1,1-Trichloroethane	A	5.00	5.11	0.5599026	0.5722272		2.2	30
1,1,2-Trichloroethane	A	5.00	5.29	0.3528872	0.3734227		5.8	30
Trichloroethylene	A	5.00	5.35	0.3564595	0.3812996		7.0	30
Trichlorofluoromethane (Freon 11)	A	5.00	5.09	1.116203	1.135325		1.7	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	4.87	1.151585	1.12089		-2.7	30
1,2,4-Trimethylbenzene	A	5.00	6.38	0.8946339	1.140627		27.5	30
1,3,5-Trimethylbenzene	A	5.00	6.15	0.9396313	1.156589		23.1	30
Vinyl Acetate	A	5.00	5.86	1.381	1.617137		17.1	30
Vinyl Chloride	A	5.00	5.07	0.4775782	0.4842007		1.4	30
m&p-Xylene	A	10.0	12.1	0.8677866	1.046958		20.6	30
o-Xylene	A	5.00	6.01	0.8787838	1.056051		20.2	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY,ME,NH
Benzene	AIHA,FL,NJ,NY,ME,NH,VA
Benzyl chloride	AIHA,FL,NJ,NY,ME,NH,VA
Bromodichloromethane	AIHA,NJ,NY,ME,NH,VA
Bromoform	AIHA,NJ,NY,ME,NH,VA
Bromomethane	AIHA,FL,NJ,NY,ME,NH
1,3-Butadiene	AIHA,NJ,NY,ME,NH,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,ME,NH,VA
Carbon Disulfide	AIHA,NJ,NY,ME,NH,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,ME,NH,VA
Chlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Chloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Chloroform	AIHA,FL,NJ,NY,ME,NH,VA
Chloromethane	AIHA,FL,NJ,NY,ME,NH,VA
Cyclohexane	AIHA,NJ,NY,ME,NH,VA
Dibromochloromethane	AIHA,NY,ME,NH
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME,NH
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
1,3-Dichlorobenzene	AIHA,NJ,NY,ME,NH
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY,ME,NH
1,1-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,ME,NH,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,ME,NH,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,ME,NH,VA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,ME,NH,VA
trans-1,3-Dichloropropene	AIHA,NY,ME,NH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,NY,ME,NH,VA
1,4-Dioxane	AIHA,NJ,NY,ME,NH,VA
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,ME,NH,VA
4-Ethyltoluene	AIHA
Heptane	AIHA,NJ,NY,ME,NH,VA
Hexachlorobutadiene	AIHA,NJ,NY,ME,NH,VA
Hexane	AIHA,FL,NJ,NY,ME,NH,VA
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY,ME,NH
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,ME,NH,VA
Methylene Chloride	AIHA,FL,NJ,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY,ME,NH
Naphthalene	NY,ME,NH
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,ME,NH,VA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Tetrachloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,ME,NH,VA
1,2,4-Trichlorobenzene	AIHA,NJ,NY,ME,NH,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,ME,NH,VA
Trichloroethylene	AIHA,FL,NJ,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY,ME,NH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,ME,NH,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME,NH
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME,NH
Vinyl Acetate	AIHA,FL,NJ,NY,ME,NH,VA
Vinyl Chloride	AIHA,FL,NJ,NY,ME,NH,VA
m&p-Xylene	AIHA,FL,NJ,NY,ME,NH,VA
o-Xylene	AIHA,FL,NJ,NY,ME,NH,VA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
NJ	New Jersey DEP	MA007 NELAP	06/30/2023
FL	Florida Department of Health	E871027 NELAP	06/30/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

Pace Analytical®

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CHAIN OF CUSTODY RECORD (AIR)

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name: EAL
Address: 225 atlantic ave, patchogue NY 11772
Phone: 631-447-6400
Project Name: Dec-Westbury 123
Project Location:
Project Number:
Project Manager: Dan Lufkman
Pace Quote Name/Number:
Invoice Recipient:
Sampled By: JB

Requested Turnaround Time
7-Day ☐ 10-Day ☒
Due Date:

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

ANALYSIS REQUESTED

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume	ANALYSIS REQUESTED					" Hg			Please fill out completely, sign, date and retain the yellow copy for your records
Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	☐ m³/min ☐ L/min	Code	☒ Liters ☐ m³	TO-15					Initial Pressure	Final Pressure	Lab Receipt Pressure	Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply
01	SVE EFF	5/16/23 1200	5/16/23 1230	30			1	X					-28	-8	-9.5	For summa canister and flow controller information please refer to Con-Test's Air Media Agreement

Summa Can ID	Flow Controller ID
2787	3406

Comments: cat. B deliverables

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other_____

	Date/Time:
Relinquished by: (signature)	5/16/23 1445
Received by: (signature) Receiving Room	5/16/23 1445
Relinquished by: (signature)	5/17/23 1000
Received by: (signature)	5-16-23 1241
Relinquished by: (signature)	
Received by: (signature)	

Detection Limit Requirements
MA
RT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ Other

Pace Analytical®
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

FedEx® Tracking

DELIVERED

Thursday

5/18/2023 at 12:41 pm

Signed for by: JARROYO

Obtain Proof of delivery

How was your delivery?

DELIVERY STATUS

Delivered

TRACKING ID

772113612023

FROM
PATCHOGUE, NY US

PACKAGE RECEIVED BY FEDEX
HOLBROOK, NY
5/17/2023 11:13 AM

IN TRANSIT
WINDSOR, CT
5/18/2023 6:25 AM

OUT FOR DELIVERY
WINDSOR, CT
5/18/2023 6:34 AM

DELIVERED
East Longmeadow, MA US
Delivered
5/18/2023 at 12:41 PM

↓ View travel history

Want updates on this shipment? Enter your email and we will do the rest!

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SUBMIT

MORE OPTIONS

Manage Delivery

Shipment facts

39 Spruce St.
East Longmeadow, MA. 01028
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F:413-525-6405
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Log In Back-Sheet

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

Pace PEOPLE ADVANCING SCIENCE

Client NYDEC|EAR

Project DEC- Westbury 123

MCP/RCP Required

Deliverable Package Requirement Cat B

Location

PWSID# (When Applicable)

Arrival Method FedEx 7721 1361 2023

Received By / Date / Time CMH 5/18/23 1241

Back-Sheet By / Date / Time KMC 5/19/23 0800

Temperature Method #

Temp < 6° C ☐ Actual Temperature

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

	True	False
Received on Ice	☐	☒
Received in Cooler	☐	☒
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Individually Certified Cans	☐	☒
Trip Blanks	☐	☒
COC Legible	☒	☐

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☒

Project ☒ IDs ☒ Collection Date/Time ☒

Container	#	Size	Regulator	Duration	Accessories			
Summa Cans	1	1L	1	30min	Nut/Ferrule		IC Train	
Tedlar Bags					Tubing			
TO-17 Tubes					T-Connector		Shipping Charges	
Radiello					Syringe			
Pufs/ TO-11					Tedlar			

Can #'s							Regs #'s						
1	2787	8		16		24	1	3406	8		16		24	
2		9		17		25	2		9		17		25	
3		10		18		26	3		10		18		26	
4		11		19		27	4		11		19		27	
5		12		20		28	5		12		20		28	
6		13		21		29	6		13		21		29	
7		14		22		30	7		14		22		30	
		15		23		31			15		23		31	

Unused Media							Pufs/TO-17's						
1		8		16		24	1		8		16		24	
2		9		17		25	2		9		17		25	
3		10		18		26	3		10		18		26	
4		11		19		27	4		11		19		27	
5		12		20		28	5		12		20		28	
6		13		21		29	6		13		21		29	
7		14		22		30	7		14		22		30	
		15		23		31			15		23			

Air Sampling Media Certificate of Analysis

Date Analyzed: 5/9/2023 **Batch #:** 23CC0356

Certification Type: *Batch Certified* ☑ [redacted]

Media Type: *Summa Canister* ☑ [redacted]

Media IDs: BC2787

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.2	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: KMC 5/22/23