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ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

December 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 November 2023.

Routine Operation & Maintenance

Routine O&M activities were conducted on 11/10/23. 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

11/10/23 – EAR was onsite to conduct routine O&M. The system was operating upon arrival to and departure from the site. Vegetation was cut down and removed (before/after photos showing general conditions are provided as Appendix A). Shed heater was turned on for the winter season. Approximately 4-8 gallons of condensate was observed in the moisture-separator tank and drained. The site data information sheet for 11/10/23 is provided as Appendix B.

Total system uptime for November 2023 is 100%.

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

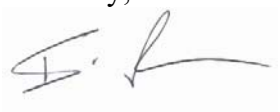
System Air Sampling

On 11/10/23, 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 in Table 2. The laboratory analytical report is provided as Appendix C.

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	-0.93	-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%
6/5/2023	37	68	18	14	-6.2	-7.7	-6.9	-17	0.8	1	1.4	1.2	2.31	-1.18	0.68	-	-	-31	165	3.6	188	0.4	97	-28	not recorded		-	-	100%	June	100%
7/11/2023	36	62	70	13	-8	-7.1	-7.4	-16.1	0	0.4	0	0	-1.09	-0.98	-0.57	-	-	-31	160	2.7	190	0	106	-28	9977.3	7/11/2023 8:45	1340.6	1340.4	100%	July	100%
8/8/2023	37	64	67	12	-12.7	-7.4	-6.9	-16	0	0	0	0	-0.88	1.4	-0.54	-	-	-29.5	175	3.4	190	0.8	104	-27	10648.9	8/8/2023 8:00	671.6	671.3	100%		
8/9/2023	40	70	68	20	-15	-10	-8	-18	-	-	-	-	-	-	-	-	-	-30	180	-	190	-	98	-27	10664.1	8/9/2023 11:38	15.2	27.6	55%	August	91%
8/23/2023	39	65	65	15	-16	-9	-10	-18	0	0	0	0	-	-	-	-	-	-32	175	0	175	0	100	-12	10977.2	8/23/2023 9:30	313.1	333.9	94%		
9/7/2023	38	62	70	15	-12.3	-7.6	-7	-15.6	0.1	0	0.2	0	-1.07	-2.25	0.12	0	-0.09	-28	165	3.9	175	0.4	110	-26.5	11336	9/7/2023 8:30	358.8	359.0	100%	September	100%
10/3/2023	39	74	70	19	-17	-10	-10	-18	0.2	1	0	0	-1.2	-0.61	-1.02	-0.18	-0.12	-31	172	2.3	178	1.2	100	-25	11957.9	10/3/2023 6:06	621.9	621.6	100%	October	100%
11/10/2023	29	70	72	18	-17	-10	-10	-20	0.3	0.9	0.6	0	-0.49	-0.72	-0.6	-0.12	-0.19	-32	180	1.9	180	0.7	84	-26	12872	11/10/2023 7:15	914.1	913.2	100%	November	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 Emissions Rate				Trichloroethene Emissions Rate				1,2-Dichloroethene Emissions Rate				1,2-Dichloroethane Emissions Rate				Total VOC 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**
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**	**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**	**633**	**0.000**	**0.010**	**9.759**
AVERAGE:	**184.8**		**0.002**				**0.000**				**0.000**				**0.000**					**0.031**	

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: Photos

Pre/Post Vegetation Cutting

Appendix B: Site Data Information Sheet

 # 130088
123 POST AVENUE
WESTBURY, NY 11590

O&M CHECKLIST - SVE SYSTEM

Date: 11/10/23 **Inspected By:** JB

	Arrival	Departure
System:	(On) / Off	(On) / Off
SVE Vacuum Relief Valve:	Open / (Closed)	Open / (Closed)
Hour Meter (Hours):	12872.0 @ 7:15	

SVE SYSTEM

Liquid Present in Moisture Separator? Amount?	(Yes) / No;	~4-8 gal
Moisture Separator Emptied?	(Yes) / No	
Moisture Disposal Drum	F / 75 / (50) / 25 / E	
Particulate Filter Inspected?	(Yes) / No	
Particulate Filter Require Cleaning or Replacement?	Yes / (No)	
Condition of SVE Shed?	good good	
Vegetation Require Maintenance?	(Yes) / No	
Any Evidence of System Tampering, Vandalism or Damage?	Yes / (No)	
Exhaust Stack in Good Condition?	(Yes) / No	

SVE WELL READINGS

SVE Well #	Air Flow (cfm)	Vacuum ("H2O)	PID (ppm)	Flow Control (Ball) Valve	Condition of Well?
RW1-S	29	-18	0.3	(O) / 75 / 50 / 25 / C	good
RW2-S	70	-10	0.9	(O) / 75 / 50 / 25 / C	
RW3-S	72	-10	0.6	(O) / 75 / 50 / 25 / C	
RW4-S	18	-20	0	(O) / 75 / 50 / 25 / C	

SVE MONITORING POINTS

	Vacuum ("H2O)		Vacuum ("H2O)	Notes
SV-1	-0.49	SS-1	-.12	
SV-2	0.72	SS-2	-.19	
SV-3	-0.60			

SVE SYSTEM DATA

	Moisture Separator	Pre-Blower (Influent)	Post-Blower (Effluent)	Notes
Vacuum ("H2O)	-26	-32		
Pressure ("H2O)			+1.9	
Air Flow (cfm)		180	180	
PID (ppm)			0.7	
Temp (F)		[illegible] —	84	

CARBON SYSTEM DATA

	Pre-Carbon	Between Carbon	Post-Carbon	Notes
Air Flow (cfm)			—	
PID (ppm)	—	—	—	

SVE RADIUS OF INFLUENCE

Piezometer ID	Vacuum ("H2O)	Notes
MW-1	—	2" well - no fittings with me
MW-2	-1.3	
MW-3	—	2" well. dont have fitting for vac reading

Attached Photographs

- air sample taken @ 8:05 "SVEEFF"
- heat turned on in shed. KO tank was ½ full. drained.
- SVE shed in good shape. some grafitti on it, but nothing new

Appendix C: Laboratory Analytical Report

con-test®
A Pace Analytical® Laboratory

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

November 20, 2023

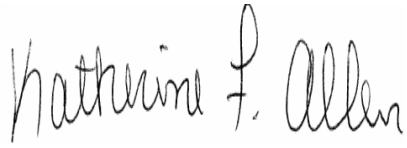
Ian Hofmann
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: 123 Post Ave, Westbury
Client Job Number:
Project Number: 130088
Laboratory Work Order Number: 23K1902

Enclosed are results of analyses for samples as received by the laboratory on November 14, 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: 11/20/2023

PURCHASE ORDER NUMBER: 146946

PROJECT NUMBER: 130088

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23K1902

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 Ave, Westbury

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SVE EFF	23K1902-01	Soil Gas		EPA TO-15	

con-test®
A Pace Analytical® Laboratory

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-03 Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Acetone, Isopropanol

23K1902-01[SVE EFF], B358649-BLK1, B358649-BS1, 23K1902-01RE1[SVE EFF]

V-05 Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene, Acetone, Hexachlorobutadiene, Naphthalene

23K1902-01[SVE EFF], B358649-BLK1, B358649-BS1, S096625-CCV1

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.

Lisa A. Worthington
Technical Representative

con-test®
A Pace Analytical® Laboratory

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

ANALYTICAL RESULTS

Project Location: 123 Post Ave, Westbury
Date Received: 11/14/2023
Field Sample #: SVE EFF
Sample ID: 23K1902-01
Sample Matrix: Soil Gas
Sampled: 11/10/2023 08:35

Sample Description/Location:
Sub Description/Location:
Canister ID: 1242
Canister Size: 6 liter
Flow Controller ID: 4750
Sample Type: 30 min

Work Order: 23K1902
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -7.3
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	4.8	4.0	0.94	L-03, V-05	12	9.5	2.2	2	11/16/23 0:27	TPH
Benzene	0.78	0.10	0.031		2.5	0.32	0.099	2	11/16/23 0:27	TPH
Benzyl chloride	ND	0.10	0.054		ND	0.52	0.28	2	11/16/23 0:27	TPH
Bromodichloromethane	ND	0.10	0.027		ND	0.67	0.18	2	11/16/23 0:27	TPH
Bromoform	ND	0.10	0.036		ND	1.0	0.37	2	11/16/23 0:27	TPH
Bromomethane	ND	0.10	0.053		ND	0.39	0.21	2	11/16/23 0:27	TPH
1,3-Butadiene	ND	0.10	0.084		ND	0.22	0.19	2	11/16/23 0:27	TPH
2-Butanone (MEK)	ND	4.0	1.1		ND	12	3.3	2	11/16/23 0:27	TPH
Carbon Disulfide	ND	1.0	0.19		ND	3.1	0.60	2	11/16/23 0:27	TPH
Carbon Tetrachloride	0.068	0.10	0.029	J	0.43	0.63	0.18	2	11/16/23 0:27	TPH
Chlorobenzene	ND	0.10	0.025		ND	0.46	0.12	2	11/16/23 0:27	TPH
Chloroethane	ND	0.10	0.063		ND	0.26	0.17	2	11/16/23 0:27	TPH
Chloroform	0.26	0.10	0.026		1.3	0.49	0.13	2	11/16/23 0:27	TPH
Chloromethane	0.066	0.20	0.041	J	0.14	0.41	0.084	2	11/16/23 0:27	TPH
Cyclohexane	0.63	0.10	0.044		2.2	0.34	0.15	2	11/16/23 0:27	TPH
Dibromochloromethane	ND	0.10	0.027		ND	0.85	0.23	2	11/16/23 0:27	TPH
1,2-Dibromoethane (EDB)	ND	0.10	0.033		ND	0.77	0.26	2	11/16/23 0:27	TPH
1,2-Dichlorobenzene	0.036	0.10	0.035	J	0.22	0.60	0.21	2	11/16/23 0:27	TPH
1,3-Dichlorobenzene	3.1	0.10	0.037		18	0.60	0.22	2	11/16/23 0:27	TPH
1,4-Dichlorobenzene	ND	0.10	0.037		ND	0.60	0.22	2	11/16/23 0:27	TPH
Dichlorodifluoromethane (Freon 12)	0.39	0.10	0.042		1.9	0.49	0.21	2	11/16/23 0:27	TPH
1,1-Dichloroethane	0.18	0.10	0.032		0.74	0.40	0.13	2	11/16/23 0:27	TPH
1,2-Dichloroethane	0.098	0.10	0.038	J	0.40	0.40	0.15	2	11/16/23 0:27	TPH
1,1-Dichloroethylene	ND	0.10	0.029		ND	0.40	0.11	2	11/16/23 0:27	TPH
cis-1,2-Dichloroethylene	1.2	0.10	0.031		4.7	0.40	0.12	2	11/16/23 0:27	TPH
trans-1,2-Dichloroethylene	0.078	0.10	0.033	J	0.31	0.40	0.13	2	11/16/23 0:27	TPH
1,2-Dichloropropane	ND	0.10	0.027		ND	0.46	0.13	2	11/16/23 0:27	TPH
cis-1,3-Dichloropropene	ND	0.10	0.045		ND	0.45	0.20	2	11/16/23 0:27	TPH
trans-1,3-Dichloropropene	ND	0.10	0.052		ND	0.45	0.23	2	11/16/23 0:27	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10	0.040		ND	0.70	0.28	2	11/16/23 0:27	TPH
1,4-Dioxane	ND	1.0	0.49		ND	3.6	1.8	2	11/16/23 0:27	TPH
Ethanol	22	4.0	2.7		42	7.5	5.0	2	11/16/23 0:27	TPH
Ethyl Acetate	1.0	1.0	0.29		3.6	3.6	1.0	2	11/16/23 0:27	TPH
Ethylbenzene	1.6	0.10	0.029		6.7	0.43	0.13	2	11/16/23 0:27	TPH
4-Ethyltoluene	0.25	0.10	0.043		1.2	0.49	0.21	2	11/16/23 0:27	TPH
Heptane	1.8	0.10	0.063		7.5	0.41	0.26	2	11/16/23 0:27	TPH
Hexachlorobutadiene	0.16	0.10	0.058	V-05	1.7	1.1	0.61	2	11/16/23 0:27	TPH
Hexane	ND	4.0	1.3		ND	14	4.7	2	11/16/23 0:27	TPH
2-Hexanone (MBK)	ND	0.10	0.043		ND	0.41	0.18	2	11/16/23 0:27	TPH
Isopropanol	170	20	6.4	L-03	410	49	16	10	11/16/23 0:54	TPH
Methyl tert-Butyl Ether (MTBE)	0.59	0.10	0.049		2.1	0.36	0.18	2	11/16/23 0:27	TPH
Methylene Chloride	ND	1.0	0.27		ND	3.5	0.93	2	11/16/23 0:27	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.10	0.053		ND	0.41	0.22	2	11/16/23 0:27	TPH
Naphthalene	0.18	0.10	0.067	V-05	0.94	0.52	0.35	2	11/16/23 0:27	TPH
Propene	ND	4.0	1.1		ND	6.9	1.9	2	11/16/23 0:27	TPH
Styrene	0.20	0.10	0.054		0.83	0.43	0.23	2	11/16/23 0:27	TPH
1,1,2,2-Tetrachloroethane	ND	0.10	0.025		ND	0.69	0.17	2	11/16/23 0:27	TPH

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ANALYTICAL RESULTS

Project Location: 123 Post Ave, Westbury
Date Received: 11/14/2023
Field Sample #: SVE EFF
Sample ID: 23K1902-01
Sample Matrix: Soil Gas
Sampled: 11/10/2023 08:35

Sample Description/Location:
Sub Description/Location:
Canister ID: 1242
Canister Size: 6 liter
Flow Controller ID: 4750
Sample Type: 30 min

Work Order: 23K1902
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -9
Receipt Vacuum(in Hg): -7.3
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	3.2	0.10	0.037		22	0.68	0.25	2	11/16/23 0:27	TPH
Tetrahydrofuran	0.22	1.0	0.21	J	0.65	2.9	0.61	2	11/16/23 0:27	TPH
Toluene	13	0.10	0.036		50	0.38	0.14	2	11/16/23 0:27	TPH
1,2,4-Trichlorobenzene	0.092	0.10	0.054	V-05, J	0.68	0.74	0.40	2	11/16/23 0:27	TPH
1,1,1-Trichloroethane	0.052	0.10	0.031	J	0.28	0.55	0.17	2	11/16/23 0:27	TPH
1,1,2-Trichloroethane	ND	0.10	0.026		ND	0.55	0.14	2	11/16/23 0:27	TPH
Trichloroethylene	0.53	0.10	0.041		2.9	0.54	0.22	2	11/16/23 0:27	TPH
Trichlorofluoromethane (Freon 11)	0.22	0.40	0.041	J	1.3	2.2	0.23	2	11/16/23 0:27	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.060	0.40	0.022	J	0.46	3.1	0.17	2	11/16/23 0:27	TPH
1,2,4-Trimethylbenzene	1.2	0.10	0.046		5.8	0.49	0.23	2	11/16/23 0:27	TPH
1,3,5-Trimethylbenzene	0.34	0.10	0.052		1.7	0.49	0.25	2	11/16/23 0:27	TPH
Vinyl Acetate	ND	2.0	0.36		ND	7.0	1.3	2	11/16/23 0:27	TPH
Vinyl Chloride	ND	0.10	0.046		ND	0.26	0.12	2	11/16/23 0:27	TPH
m&p-Xylene	4.3	0.20	0.070		19	0.87	0.30	2	11/16/23 0:27	TPH
o-Xylene	1.6	0.10	0.037		6.8	0.43	0.16	2	11/16/23 0:27	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	107	70-130	11/16/23 0:27
4-Bromofluorobenzene (1)	99.1	70-130	11/16/23 0:54

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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
23K1902-01 [SVE EFF]	B358649	1.5	1	N/A	1000	200	150	11/15/23
23K1902-01RE1 [SVE EFF]	B358649	1.5	1	N/A	1000	200	30	11/15/23

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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 B358649 - TO-15 Prep											
Blank (B358649-BLK1)					Prepared & Analyzed: 11/15/23						
Acetone	ND	0.80									L-03, V-05
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									V-05
Hexane	ND	0.80									
2-Hexanone (MBK)	ND	0.020									
Isopropanol	ND	0.80									L-03
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									V-05
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 B358649 - TO-15 Prep												
Blank (B358649-BLK1)					Prepared & Analyzed: 11/15/23							
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										V-05
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)	*8.35*				*8.00*		*104*		*70-130*			
LCS (B358649-BS1)					Prepared & Analyzed: 11/15/23							
Acetone	3.25				5.00		**64.9**	*	70-130			L-03, V-05
Benzene	4.50				5.00		90.0		70-130			
Benzyl chloride	4.26				5.00		85.1		70-130			
Bromodichloromethane	3.93				5.00		78.6		70-130			
Bromoform	4.75				5.00		95.0		70-130			
Bromomethane	4.64				5.00		92.8		70-130			
1,3-Butadiene	4.00				5.00		79.9		70-130			
2-Butanone (MEK)	4.56				5.00		91.1		70-130			
Carbon Disulfide	4.64				5.00		92.9		70-130			
Carbon Tetrachloride	4.22				5.00		84.5		70-130			
Chlorobenzene	4.80				5.00		96.0		70-130			
Chloroethane	3.90				5.00		78.1		70-130			
Chloroform	5.09				5.00		102		70-130			
Chloromethane	3.59				5.00		71.8		70-130			
Cyclohexane	4.86				5.00		97.2		70-130			
Dibromochloromethane	4.69				5.00		93.8		70-130			
1,2-Dibromoethane (EDB)	4.47				5.00		89.3		70-130			
1,2-Dichlorobenzene	4.66				5.00		93.3		70-130			
1,3-Dichlorobenzene	5.16				5.00		103		70-130			
1,4-Dichlorobenzene	5.16				5.00		103		70-130			
Dichlorodifluoromethane (Freon 12)	4.09				5.00		81.8		70-130			
1,1-Dichloroethane	3.79				5.00		75.9		70-130			
1,2-Dichloroethane	4.21				5.00		84.3		70-130			
1,1-Dichloroethylene	4.16				5.00		83.3		70-130			
cis-1,2-Dichloroethylene	5.05				5.00		101		70-130			
trans-1,2-Dichloroethylene	3.92				5.00		78.4		70-130			
1,2-Dichloropropane	4.58				5.00		91.5		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 B358649 - TO-15 Prep												
LCS (B358649-BS1)					Prepared & Analyzed: 11/15/23							
cis-1,3-Dichloropropene	4.45				5.00		89.0		70-130			
trans-1,3-Dichloropropene	4.46				5.00		89.2		70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.09				5.00		81.8		70-130			
1,4-Dioxane	4.57				5.00		91.3		70-130			
Ethanol	4.27				5.00		85.3		70-130			
Ethyl Acetate	4.62				5.00		92.3		70-130			
Ethylbenzene	4.87				5.00		97.4		70-130			
4-Ethyltoluene	5.15				5.00		103		70-130			
Heptane	4.61				5.00		92.2		70-130			
Hexachlorobutadiene	3.58				4.25		84.2		70-130			V-05
Hexane	4.46				5.00		89.2		70-130			
2-Hexanone (MBK)	4.33				5.00		86.7		70-130			
Isopropanol	3.39				5.00		**67.9**	*	70-130			L-03
Methyl tert-Butyl Ether (MTBE)	4.14				5.00		82.9		70-130			
Methylene Chloride	3.74				5.00		74.8		70-130			
4-Methyl-2-pentanone (MIBK)	4.89				5.00		97.7		70-130			
Naphthalene	3.54				3.68		96.3		70-130			V-05
Propene	5.61				5.00		112		70-130			
Styrene	4.95				5.00		99.0		70-130			
1,1,2,2-Tetrachloroethane	4.46				5.00		89.1		70-130			
Tetrachloroethylene	4.96				5.00		99.2		70-130			
Tetrahydrofuran	4.95				5.00		99.0		70-130			
Toluene	4.73				5.00		94.5		70-130			
1,2,4-Trichlorobenzene	3.51				3.90		90.0		70-130			V-05
1,1,1-Trichloroethane	3.96				5.00		79.1		70-130			
1,1,2-Trichloroethane	4.94				5.00		98.8		70-130			
Trichloroethylene	4.36				5.00		87.1		70-130			
Trichlorofluoromethane (Freon 11)	4.33				5.00		86.6		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.61				5.00		92.1		70-130			
1,2,4-Trimethylbenzene	4.76				5.00		95.2		70-130			
1,3,5-Trimethylbenzene	4.78				5.00		95.6		70-130			
Vinyl Acetate	4.42				5.00		88.4		70-130			
Vinyl Chloride	4.12				5.00		82.5		70-130			
m&p-Xylene	9.34				10.0		93.4		70-130			
o-Xylene	4.56				5.00		91.2		70-130			
Surrogate: 4-Bromofluorobenzene (1)	*8.26*				*8.00*		*103*		*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-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

ANALYST

TPH	Thomas P. Hnitecki
KKS	Kyle K. Stuckey
KMC	Kristen M Couture
CMR	Catherine M. Rouleau

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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 (S091464-ICV1)			Lab File ID: L23A214020.D			Analyzed: 08/02/23 23:42			
Bromochloromethane (1)	300782	2.867	314027	2.871	96	60 - 140	-0.0040	+/-0.50	
1,4-Difluorobenzene (1)	878479	3.54	895773	3.54	98	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	823159	5.202	837397	5.202	98	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 (S096625-CCV1)			Lab File ID: L23A319004.D			Analyzed: 11/15/23 12:32			
Bromochloromethane (1)	237378	2.869	314027	2.871	76	60 - 140	-0.0020	+/-0.50	
1,4-Difluorobenzene (1)	793838	3.538	895773	3.54	89	60 - 140	-0.0020	+/-0.50	
Chlorobenzene-d5 (1)	725069	5.195	837397	5.202	87	60 - 140	-0.0070	+/-0.50	
LCS (B358649-BS1)			Lab File ID: L23A319005.D			Analyzed: 11/15/23 12:58			
Bromochloromethane (1)	229581	2.864	237378	2.869	97	60 - 140	-0.0050	+/-0.50	
1,4-Difluorobenzene (1)	788950	3.538	793838	3.538	99	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	710166	5.195	725069	5.195	98	60 - 140	0.0000	+/-0.50	
Blank (B358649-BLK1)			Lab File ID: L23A319008.D			Analyzed: 11/15/23 14:31			
Bromochloromethane (1)	195259	2.863	237378	2.869	82	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	660033	3.537	793838	3.538	83	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	606762	5.193	725069	5.195	84	60 - 140	-0.0020	+/-0.50	
SVE EFF (23K1902-01)			Lab File ID: L23A319030.D			Analyzed: 11/16/23 00:27			
Bromochloromethane (1)	200176	2.874	237378	2.869	84	60 - 140	0.0050	+/-0.50	
1,4-Difluorobenzene (1)	745626	3.542	793838	3.538	94	60 - 140	0.0040	+/-0.50	
Chlorobenzene-d5 (1)	665307	5.196	725069	5.195	92	60 - 140	0.0010	+/-0.50	
SVE EFF (23K1902-01RE1)			Lab File ID: L23A319031.D			Analyzed: 11/16/23 00:54			
Bromochloromethane (1)	211510	2.869	237378	2.869	89	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	751432	3.542	793838	3.538	95	60 - 140	0.0040	+/-0.50	
Chlorobenzene-d5 (1)	681876	5.194	725069	5.195	94	60 - 140	-0.0010	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S096625-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	3.07	1.122255	0.6893512		-38.6	30 *
Benzene	A	5.00	4.60	0.7254293	0.6671669		-8.0	30
Benzyl chloride	A	5.00	3.79	0.65192	0.4936976		-24.3	30
Bromodichloromethane	A	5.00	4.00	0.5567047	0.4458018		-19.9	30
Bromoform	A	5.00	4.50	0.4926101	0.4432571		-10.0	30
Bromomethane	A	5.00	4.50	0.6308676	0.5673854		-10.1	30
1,3-Butadiene	A	5.00	3.90	0.551149	0.4304156		-21.9	30
2-Butanone (MEK)	A	5.00	4.24	1.381604	1.170515		-15.3	30
Carbon Disulfide	A	5.00	4.27	2.063757	1.762104		-14.6	30
Carbon Tetrachloride	A	5.00	4.20	0.5110368	0.4292866		-16.0	30
Chlorobenzene	A	5.00	4.69	0.7219812	0.6776183		-6.1	30
Chloroethane	A	5.00	3.82	0.411751	0.3146981		-23.6	30
Chloroform	A	5.00	4.89	1.439332	1.406877		-2.3	30
Chloromethane	A	5.00	3.78	0.6101459	0.4618187		-24.3	30
Cyclohexane	A	5.00	4.62	0.3030286	0.2797992		-7.7	30
Dibromochloromethane	A	5.00	4.54	0.5644122	0.5130392		-9.1	30
1,2-Dibromoethane (EDB)	A	5.00	4.47	0.5076449	0.4536241		-10.6	30
1,2-Dichlorobenzene	A	5.00	4.25	0.6234765	0.5299843		-15.0	30
1,3-Dichlorobenzene	A	5.00	4.73	0.6267236	0.5923431		-5.5	30
1,4-Dichlorobenzene	A	5.00	4.86	0.5801365	0.5640578		-2.8	30
Dichlorodifluoromethane (Freon 12)	A	5.00	4.02	1.768079	1.421281		-19.6	30
1,1-Dichloroethane	A	5.00	3.79	1.392824	1.055781		-24.2	30
1,2-Dichloroethane	A	5.00	4.08	0.9772927	0.7967849		-18.5	30
1,1-Dichloroethylene	A	5.00	3.99	1.127187	0.8994599		-20.2	30
cis-1,2-Dichloroethylene	A	5.00	4.84	0.908952	0.880459		-3.1	30
trans-1,2-Dichloroethylene	A	5.00	3.67	1.128232	0.8281745		-26.6	30
1,2-Dichloropropane	A	5.00	4.62	0.2601948	0.2402949		-7.6	30
cis-1,3-Dichloropropene	A	5.00	4.78	0.3962271	0.3783926		-4.5	30
trans-1,3-Dichloropropene	A	5.00	3.94	0.3522842	0.2776042		-21.2	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	4.17	1.784687	1.488771		-16.6	30
1,4-Dioxane	A	5.00	4.33	0.1742852	0.1508459		-13.4	30
Ethanol	A	5.00	4.08	0.1732414	0.141479		-18.3	30
Ethyl Acetate	A	5.00	4.11	0.2390169	0.1964192		-17.8	30
Ethylbenzene	A	5.00	4.75	1.176902	1.11836		-5.0	30
4-Ethyltoluene	A	5.00	4.73	1.247069	1.179178		-5.4	30
Heptane	A	5.00	4.56	0.2286847	0.2085483		-8.8	30
Hexachlorobutadiene	A	5.00	2.99	0.4755616	0.2840977		-40.3	30 *
Hexane	A	5.00	4.02	0.7442178	0.598748		-19.5	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S096625-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	4.14	0.5993899	0.4967273		-17.1	30
Isopropanol	A	5.00	3.82	1.180699	0.9022572		-23.6	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	3.93	2.130891	1.675943		-21.4	30
Methylene Chloride	A	5.00	3.67	0.8716214	0.6402278		-26.5	30
4-Methyl-2-pentanone (MIBK)	A	5.00	4.71	0.2414371	0.2273572		-5.8	30
Naphthalene	A	5.00	3.04	0.954618	0.579776		-39.3	30 *
Propene	A	5.00	5.40	0.4075236	0.4397172		7.9	30
Styrene	A	5.00	5.03	0.6680173	0.6716404		0.5	30
1,1,2,2-Tetrachloroethane	A	5.00	4.40	0.6838293	0.6011014		-12.1	30
Tetrachloroethylene	A	5.00	4.99	0.4174566	0.4169799		-0.1	30
Tetrahydrofuran	A	5.00	3.97	0.9111963	0.7232684		-20.6	30
Toluene	A	5.00	4.63	0.9385805	0.869269		-7.4	30
1,2,4-Trichlorobenzene	A	5.00	3.03	0.3693275	0.22395		-39.4	30 *
1,1,1-Trichloroethane	A	5.00	4.16	0.5075792	0.4219279		-16.9	30
1,1,2-Trichloroethane	A	5.00	4.78	0.309655	0.2960469		-4.4	30
Trichloroethylene	A	5.00	4.24	0.3356598	0.2849085		-15.1	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.34	1.816743	1.577791		-13.2	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	4.60	1.436582	1.322623		-7.9	30
1,2,4-Trimethylbenzene	A	5.00	4.62	1.021302	0.9437116		-7.6	30
1,3,5-Trimethylbenzene	A	5.00	4.60	1.055296	0.971379		-8.0	30
Vinyl Acetate	A	5.00	4.37	1.463541	1.279883		-12.5	30
Vinyl Chloride	A	5.00	4.01	0.7105757	0.5703578		-19.7	30
m&p-Xylene	A	10.0	9.09	0.9711506	0.8824495		-9.1	30
o-Xylene	A	5.00	4.48	0.9550518	0.8558678		-10.4	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	NY,ME,NH
Benzene	FL,NJ,NY,ME,NH,VA
Benzyl chloride	FL,NJ,NY,ME,NH,VA
Bromodichloromethane	NJ,NY,ME,NH,VA
Bromoform	NJ,NY,ME,NH,VA
Bromomethane	FL,NJ,NY,ME,NH
1,3-Butadiene	NJ,NY,ME,NH,VA
2-Butanone (MEK)	FL,NJ,NY,ME,NH,VA
Carbon Disulfide	NJ,NY,ME,NH,VA
Carbon Tetrachloride	FL,NJ,NY,ME,NH,VA
Chlorobenzene	FL,NJ,NY,ME,NH,VA
Chloroethane	FL,NJ,NY,ME,NH,VA
Chloroform	FL,NJ,NY,ME,NH,VA
Chloromethane	FL,NJ,NY,ME,NH,VA
Cyclohexane	NJ,NY,ME,NH,VA
Dibromochloromethane	NY,ME,NH
1,2-Dibromoethane (EDB)	NJ,NY,ME,NH
1,2-Dichlorobenzene	FL,NJ,NY,ME,NH,VA
1,3-Dichlorobenzene	NJ,NY,ME,NH
1,4-Dichlorobenzene	FL,NJ,NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH
1,1-Dichloroethane	FL,NJ,NY,ME,NH,VA
1,2-Dichloroethane	FL,NJ,NY,ME,NH,VA
1,1-Dichloroethylene	FL,NJ,NY,ME,NH,VA
cis-1,2-Dichloroethylene	FL,NY,ME,NH,VA
trans-1,2-Dichloroethylene	NJ,NY,ME,NH,VA
1,2-Dichloropropane	FL,NJ,NY,ME,NH,VA
cis-1,3-Dichloropropene	FL,NJ,NY,ME,NH,VA
trans-1,3-Dichloropropene	NY,ME,NH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	NJ,NY,ME,NH,VA
1,4-Dioxane	NJ,NY,ME,NH,VA
Ethylbenzene	FL,NJ,NY,ME,NH,VA
Heptane	NJ,NY,ME,NH,VA
Hexachlorobutadiene	NJ,NY,ME,NH,VA
Hexane	FL,NJ,NY,ME,NH,VA
Isopropanol	NY,ME,NH
Methyl tert-Butyl Ether (MTBE)	FL,NJ,NY,ME,NH,VA
Methylene Chloride	FL,NJ,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	FL,NJ,NY,ME,NH
Naphthalene	NY,ME,NH
Styrene	FL,NJ,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	FL,NJ,NY,ME,NH,VA
Tetrachloroethylene	FL,NJ,NY,ME,NH,VA
Toluene	FL,NJ,NY,ME,NH,VA
1,2,4-Trichlorobenzene	NJ,NY,ME,NH,VA
1,1,1-Trichloroethane	FL,NJ,NY,ME,NH,VA
1,1,2-Trichloroethane	FL,NJ,NY,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
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	06/30/2024
FL	Florida Department of Health	E871027 NELAP	06/30/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2023

Pace Analytical®

23K1902

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www.pacelabs.com

http://www.pacelabs.com

CHAIN OF CUSTODY RECORD (AIR)

DOC #378 REV3_11232021

39 Spruce Street
East Longmeadow, MA 01028

Company Name: EAR
Address: 225 atlantic ave, patchogue NY 11772
Phone: 631-447-6400
Project Name: 123 Post ave
Project Location: 123 post ave, westbury
Project Number: 130088
Project Manager: Ian hofmann
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: Pace Work Order#	Client Use: Client Sample ID / Description	Collection Data: Beginning Date/Time	Collection Data: Ending Date/Time	Duration: Total Minutes Sampled	Flow Rate: ☐ m³/min ☐ L/min	Matrix: Code	Volume: ☒ Liters ☐ m³	VOC via TO-15				Initial Pressure ("Hg)	Final Pressure ("Hg)	Lab Receipt Pressure ("Hg)	Summa Can ID	Flow Controller ID
01	SVEEFF	11/10/23 8:05	11/10/23 8:35	30		O	6	X				-30	-9	1.3	1242	4750

Please fill out completely, sign, date and retain the yellow copy for your records

Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply

For summa canister and flow controller information please refer to Con-Test's Air Media Agreement

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

Signature	Date/Time
Relinquished by: (signature) James Bum	11/10/23 1300
Received by: (signature) S R Roon	11/10/23 1300
Relinquished by: (signature) William A Vigliotta	11-13-23/1000
Received by: (signature) FED EX GROUND	11-13-23/1000
Relinquished by: (signature)	Date/Time:
Received by: (signature) Ivan Cowan	11/14/23 1212

Detection Limit Requirements
MA
CT
Other

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

Pace Analytical®

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

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

FedEx® Tracking

DELIVERED

Tuesday

11/14/23 at 12:12 PM

Signed for by: JMERIA

Obtain proof of delivery

How was your delivery?

DELIVERY STATUS

Delivered

TRACKING ID

773964610534

FROM
PATCHOGUE, NY US

WE HAVE YOUR PACKAGE
HOLBROOK, NY
11/13/23 12:29 PM

ON THE WAY
WINDSOR, CT
11/14/23 7:33 AM

OUT FOR DELIVERY
WINDSOR, CT
11/14/23 7:43 AM

DELIVERED
East Longmeadow, MA US

Delivered
11/14/23 at 12:12 PM

View travel history

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

YOUR EMAIL
Contestlab39

SUBMIT

MORE OPTIONS

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0009 v04_Air Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client NYDEC - EAR

Project 123 Post Ave

MCP/RCP Required

Deliverable Package Requirement Cat B

Location 123 Post Ave, Westbury

PWSID# (When Applicable)

Arrival Method FedEx 7739 6461 0534

Received By / Date / Time KMC 11/14/23 1212

Back-Sheet By / Date / Time KMC 11/14/23 1400

Temperature Method # ☐

Temp ≤ 6° C Actual Temperature

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

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

	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	6L	1	30min	Nut/Ferrule		IC Train	
Tedlar Bags					Tubing			
TO-17 Tubes					T-Connector		Shipping Charges	
Radiello					Syringe			
Pufs/ TO-11					Tedlar			

Can #'s														
1	1242	6		11		16		Regs #'s		5		10		15	
2		7		12		17		1	4750	6		11		16	
3		8		13		18		2		7		12		17	
4		9		14		19		3		8		13		18	
Unused Media		4		9		14		4		9		14		19	
1		5		10		15		Pufs/TO-17's		5		10		15	
2		6		11		16		1		6		11		16	
3		7		12		17		2		7		12		17	
4		8		13		18		3		8		13		18	
								4		9		14		19	

Qualtrax ID: 127034

Page 1 of 1

Air Sampling Media Certificate of Analysis

Date Analyzed: 10/30/2023 **Batch #:** 23CC0850

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs: BC1242

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 11/15/23