

May 2026 Progress Report: July 2025 through March 2026 (9 months)

Former Ozone Industries, Inc. Site
Ozone Park, Queens New York

Signature Aviation

Project reference: NYSDEC Number: 2-41-003

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Acronyms

Acronym	Definition
bgs	below ground surface
ft	feet
ISMP	Interim Site Management Plan
lbs/hr	pounds per hour
O&M	operation and maintenance
PID	photoionization detector
ppm	parts per million
SCFM	standard cubic feet per minute
SSD	sub-slab Depressurization
SVE	soil vapor extraction
VFD	variable frequency drive
VOC	volatile organic compound

1. Introduction

On behalf of Signature Aviation, AECOM Technical Services, Inc. has prepared this Progress Report, which summarizes the results of the Operation and Maintenance (O&M) of the Soil Vapor Extraction (SVE) and Sub-slab Depressurization (SSD) remedial systems at the Former Ozone Industries, Inc. site (New York State Department of Environmental Conservation [NYSDEC] Site Number: 2-41-033). This report covers the period of July 2025 through March 2026.

1.1 Site Location

The site is located in a mixed commercial/industrial/residential area of the Ozone Park section of Queens County of New York City, New York and is identified as Block 9106 and Lot 70 on the New York City Tax Map. The site is bounded by 101st Avenue to the north, 103rd Avenue to the south, 99th Street to the west, and 100th Street to the east (see **Figures 1 and 2**). The site is located across the street from 101-32 101st Street, the location of the former Ozone Industries facility.

Operation and maintenance visits and sampling events reported herein were conducted by either Clean Globe Environmental (Clean Globe) under subcontract to AECOM or AECOM personnel. The findings of each visit are discussed below.

All the data included in this report will be submitted electronically to the NYSDEC website.

2. Soil Vapor Extraction/Sub-slab Depressurization Operation and Maintenance

This section presents the evaluation of the system influent and effluent analytical air sampling data, (one round during this period) and the field data collected during each of the O&M site visits during this period (July 1, 2025 through March 31, 2026). O&M site visits took place on July 2025, September 2025, and March 2026. Figure 1 depicts the layout of the bays and systems.

2.1 Operation and Maintenance Events

The following information was primarily gathered during the O&M events:

- SSD vacuum blower, vacuum, flow, and temperature readings;
- SSD monitoring well head vacuums and photoionization detector (PID) concentrations;
- Effluent concentrations exiting the SSD carbon vessels;
- SVE vacuum blower, vacuum, flow, and temperature readings;
- SVE monitoring well head PID concentrations;
- Effluent concentrations exiting the SVE carbon vessels;
- Total effluent concentrations being discharged from the exhaust stack; and
- Air samples collected for laboratory analysis from the influent of the SVE, and total combined effluent (SVE/SSD) following off gas treatment (March 2026 event only).

2.2 Sub-slab Depressurization

During this period, the SSD system maintained an average flowrate of 464 standard cubic feet per minute (SCFM) applied to the 8 SSD legs. The vacuum applied to each leg was individually adjusted to provide a minimum flowrate of at least 30 SCFM to each bay to maintain adequate protection from mitigation of potential subsurface vapor migration as outlined in the July 2016 Interim Site Management Plan (ISMP) for the site, as approved by NYSDEC on September 8, 2016. During each O&M visit when the system was running, the flowrate at each leg was measured with a hot wire anemometer to confirm that the minimum flowrate was being upheld (30 SCFM). Prior to O&M adjustments, flowrates in each of the individual legs ranged from a minimum of 41.2 SCFM to a maximum of 92.9 SCFM.

Influent volatile organic compounds (VOCs) were measured with a calibrated PID from each of the SSD legs during the O&M events and concentrations were below the detection limit (0.0 parts per million (ppm)) from each individual leg with the exception of SSD-2 and SSD-3 which had detections of 0.1 ppm. Total VOC levels prior to carbon treatment ranged from 0.1 ppm to 0.4 ppm. A summary of the readings taken during the O&M visits are presented in Appendix A.

2.3 Soil Vapor Extraction

The SVE system maintained an average total flowrate of 198 SCFM during this period. Due to historical non-detect PID readings during previous (pre-2021) monitoring and sub slab vapor sampling events, eleven of the SVE legs (SVE-1, SVE-2, SVE-4, SVE-5, SVE-6, SVE-7, SVE-8, SVE-24, SVE-25, SVE-26, and SVE-27) have been shut off since 2019 to increase vacuum influence on the remaining legs. Like the SSD system, the vacuum applied to the SVE wells was manually adjusted so that each leg maintained a minimum flowrate of approximately 25 SCFM, as stated in the ISMP.

A summary of the readings collected during the O&M visit are presented in Appendix A.

During the March O&M event, it was found that the variable frequency drive (VFD) controlling the blower for the SVE system was not working properly and was unable to be repaired on site. Due to this mechanical issue, the blower for

the SVE system was unable to restart at the end of the visit and was shut down at the end of the O&M event. Efforts were made to locate a direct replacement unit; however, due to the system's age, the manufacturer no longer produces the required VFD. A compatible alternative has been identified and procured. Installation of this component is necessary to restore system operation and is anticipated to be completed in the next quarter. The SSD system has remained operational.

2.4 Combined Systems Operation

In each of the eight bays, two shallow monitoring points, each at a depth of 1.5 feet below ground surface (bgs) were monitored to observe SSD system influence. Two deep monitoring points, each at a depth of approximately 15 feet bgs, were monitored in each bay to observe SVE influence. In addition to these monitoring points, two wells, each at a depth of 30 feet bgs were also monitored in Bay 12 because that bay has bi-level SVE wells which extend to approximately 30 feet bgs. During the O&M events this monitoring period, the vacuum influence and the VOC concentrations were measured at each operable monitoring point. A summary of the monitoring point results is included in Appendix A.

2.5 Laboratory Analyses of Air Samples

2.5.1 System Air Sampling

One round of air samples from the system were collected on March 31, 2026 from the SVE influent (before carbon treatment), SSD influent (before carbon treatment), and the total combined effluent (following carbon treatment). Per compliance requirements established in a memorandum issued by the NYSDEC on February 28, 2003 (Substantive Compliance with Air Requirements), the emission from the system is not to exceed 0.5 pounds per hour (lbs/hr). The results of the completed air sampling events are shown in Table 1.

The laboratory analytical report from the air sampling is provided in Appendix B. The system samples were analyzed for the VOCs listed in the TO-15 method.

Analytically, effluent concentrations have remained below the effluent limit established by the NYSDEC regulations. Mass removal data at the influent of both SVE and SSD system as well as the combined effluent mass discharge rate following carbon treatment is presented in Table 2.

The SVE system is achieving a mass removal rate of approximately 0.00007 lbs/hr. When combined with the SSD system, the total mass removal rate for each sampling event remains below the threshold that would require pollution control under discharge limits. Following carbon treatment, the average mass of contaminants released to the atmosphere is approximately 0.0006 lbs/hr.

Two graphs are included in Appendix C which depict VOC concentrations over time for the influent (prior to treatment) SSD and SVE systems. As noted in previous Progress Reports, following the system restart in June 2021 (after being offline since August 2019) VOC concentrations did not rebound to levels observed during earlier sampling events. Although a slight increase in VOC concentrations was observed immediately after restart, influent concentrations have remained below detection limits from the August 2021 O&M event through the present. Analytical results are still well below the initial concentrations observed at the startup of the systems in 2016.

3. Summary and Future Actions

During this reporting period, the SSD system has continued to operate as intended, while the SVE system remains non-operational due to a faulty VFD. The SVE system will remain offline until the VFD is replaced during the next quarter. Despite this, the SSD system has maintained normal operation. Influent concentrations for both the SVE and SSD systems during this period remain relatively stable ("flat") and are consistent with the reduced levels observed following the decline from higher concentrations recorded in 2016.

3.1 Future Actions – O&M Activities

O&M events will continue on a bi-monthly or quarterly basis. AECOM will also continue to perform periodic site visits to ensure that the storage bays have not been tampered or damaged and to make sure the system is optimally performing. Semi-annual air samples will be taken at the SVE influent and total effluent following carbon treatment in the Summer or Fall 2026, while the system is operational. An update on site conditions will be included in the next Progress Report to NYSDEC scheduled for Fall 2026.

Tables

Table 1- Summary O&M Air Sample Analytical Data
Former Ozone Industries, Inc. Site,
Ozone Park, Queens, NY

ANALYTE	LOCATION	SVE Influent					SSD Influent				
	SAMPLING DATE	3/28/2022	7/26/2022	10/25/2023	3/18/2024	2/3/2025	3/28/2022	7/26/2022	3/18/2024	2/3/2025	3/31/2026
		2022 Q1 Sampling Event	2022 Q3 Sampling Event	2023 Q4 Sampling Event	2024 Q1 Sampling Event	2025 Q1 Sampling Event	2022 Q1 Sampling Event	2022 Q3 Sampling Event	2024 Q1 Sampling Event	2025 Q1 Sampling Event	2026 Q1 Sampling Event
	LAB SAMPLE ID	L2215966-03	L2239902-03	L2363961-02	L2415720-01	CS56412	L2215966-02	L2239902-02	L2415720-02	CS56413	L2619589
	PID READING (ppm)	ND	ND	ND	0.6	0.3	ND	ND	9.0	ND	0.0
VOCs TO-15	Units										
1,1,1-Trichloroethane	ug/m ³	<4.54	<10.9	<6.82	<1.09	<5.00	<1.09	<1.09	<1.09	<5.00	0.34
1,2,4-Trimethylbenzene	ug/m ³	<4.1	67.4	<6.15	9.34	89.9	<0.983	31.4	16.3	25.7	24.9
1,4-Dichlorobenzene	ug/m ³	<5.01	<12.0	<7.52	<1.20	<5.00	<1.2	<1.2	<1.20	<5.00	0.16
2,2,4-Trimethylpentane	ug/m ³	<3.89	162	<5.84	<0.934	--	<0.934	38.6	1.51	--	2.37
2-Butanone (MEK)	ug/m ³	<6.13	<14.7	<9.20	1.97	<5.01	<1.47	2.85	2.1	<5.01	
Acetone*	ug/m ³	<9.91	<23.8	<14.8	4.68	17	<2.38	<2.38	5.3	38.2	14.3
Benzene	ug/m ³	2.85	28.6	4.82	0.649	<5.01	<0.639	31.3	1.22	5.14	1.82
Carbon Disulfide*	ug/m ³	<2.59	<6.23	<3.89	<0.623	<5.01	<0.623	<0.623	<0.623	<5.01	2.36
Chloroform	ug/m ³	7.81	12	8.59	4.8	9.95	<0.977	<0.977	<0.977	<4.98	0.91
Chloromethane	ug/m ³	<1.72	<4.13	<2.58	<0.413	<4.99	0.733	0.69	0.715	<4.99	0.69
cis-1,2-Dichloroethene	ug/m ³	197	171	107	69	62.6	<0.793	4.6	<0.793	1.47	14.9
Dichlorodifluoromethane	ug/m ³	<4.12	<9.89	<6.18	2.29	<4.99	2.18	2.24	2.24	<4.99	2.84
Ethanol	ug/m ³	<39.2	<94.2	<58.8	<9.42	13.5	<9.42	46.7	14.4	74	19.6
Isopropyl Alcohol	ug/m ³	<5.11	<1.23	<7.67	<1.23	5.82	<1.23	<1.23	<1.23	<5.01	<2.46
Methylene Chloride	ug/m ³	<7.23	<17.4	<10.8	3.79	<15.0	<1.74	2.13	<1.74	<15.0	<1.74
n-Hexane	ug/m ³	<2.94	437	<4.41	<0.705	<5.00	<0.705	60.6	2.29	6.83	10.2
Tertiary butyl Alcohol	ug/m ³	<6.31	<15.2	<9.46	<1.52	--	<1.52	<1.52	<1.52	--	3.24
Tetrachloroethene	ug/m ³	390	285	160	106	115	1.8	37.4	1.64	5.59	<1.52
Tetrahydrofuran	ug/m ³	<6.13	<14.7	<9.20	2.73	<5.01	<1.47	<1.47	3.01	<5.01	42.4
Toluene	ug/m ³	<3.14	107	<4.71	3.28	<5.01	0.874	202	8.4	14.3	8.02
trans-1,2-Dichloroethene	ug/m ³	<3.3	<7.93	<4.96	<0.793	<4.99	<0.793	<0.793	<0.793	<4.99	25.1
Trichloroethene	ug/m ³	1810	2150	2060	1010	1220	15.4	120	13.2	31.3	0.28
Naphthalene	ug/m ³	NS	NS	NS	5.82	<5.23	NS	NS	5.14	<5.23	204
Trichlorofluoromethane	ug/m ³	<4.68	<11.2	<7.02	1.25	<5.00	<1.12	1.16	<1.12	<5.00	1.61
Total VOCs	ug/m ³	2,468	4,015	2,430	1,235	1,574	36	587	83	240	380

Notes:

1) -- = Non-existent data dependent on laboratory specific analyte list

2) * = As reported by laboratory this analyte is common laboratory background contaminant

3) ug/m3 = micrograms per cubic meter

4) ppm = parts-per-million

5) NS = Not Sampled

6) **Bold = Analyte detected in sample**

Table 1- Summary O&M Air Sample Analytical Data
Former Ozone Industries, Inc. Site,
Ozone Park, Queens, NY

ANALYTE	LOCATION	Total Effluent					
	SAMPLING DATE	3/28/2022	7/26/2022	10/25/2023	3/18/2024	2/3/2025	3/31/2026
		2022 Q1 Sampling Event	2022 Q3 Sampling Event	2023 Q4 Sampling Event	2024 Q1 Sampling Event	2025 Q1 Sampling Event	2026 Q1 Sampling Event
	LAB SAMPLE ID	L2215966-01	L2239902-01	L2363961-01	L2415720-03	CS56414	L2619589
	PID READING (ppm)	ND	ND	ND	ND	ND	ND
VOCs TO-15	Units						
1,1,1-Trichloroethane	ug/m ³	<1.09	<6.82	<3.64	<1.09	<5.00	0.15
1,2,4-Trimethylbenzene	ug/m ³	1.2	<6.15	<3.28	<0.983	<5.01	2.81
1,4-Dichlorobenzene	ug/m ³	<1.2	<7.52	<4.01	<1.20	< 5.00	<0.12
2,2,4-Trimethylpentane	ug/m ³	<0.934	<5.84	<3.12	<0.934	--	<0.934
2-Butanone (MEK)	ug/m ³	<1.47	<9.20	<4.93	1.7	<5.01	
Acetone*	ug/m ³	<2.38	<14.8	<7.91	<2.38	<5.01	20.4
Benzene	ug/m ³	<0.639	<3.99	<2.13	<0.639	<5.01	<0.319
Carbon Disulfide*	ug/m ³	<0.623	<3.89	<2.08	<0.623	<5.01	2.99
Chloroform	ug/m ³	2.12	12.6	6.84	3.76	<4.98	0.42
Chloromethane	ug/m ³	0.475	<2.58	<1.38	0.467	<4.99	0.56
cis-1,2-Dichloroethene	ug/m ³	42.4	190	99.5	65.4	20	4.52
Dichlorodifluoromethane	ug/m ³	1.45	<6.18	<3.30	1.79	<4.99	2.48
Ethanol	ug/m ³	<9.42	<58.8	<31.5	12.1	7.19	29.4
Isopropyl Alcohol	ug/m ³	<1.23	<7.67	<4.10	7.57	<5.01	<2.46
Methylene Chloride	ug/m ³	<1.74	<10.8	<5.80	<1.74	<15.0	<1.74
n-Hexane	ug/m ³	<0.705	<4.41	<2.35	<0.705	<5.00	4.5
Tertiary butyl Alcohol	ug/m ³	<1.52	<9.46	<5.06	2.94	--	<0.705
Tetrachloroethene	ug/m ³	<1.36	12.5	<4.52	<1.36	<1.25	<1.52
Tetrahydrofuran	ug/m ³	1.61	<9.20	<4.93	<1.47	<5.01	3.58
Toluene	ug/m ³	1.03	6.63	<2.51	<0.754	<5.01	<1.47
trans-1,2-Dichloroethene	ug/m ³	<0.793	<4.96	<2.64	<0.793	<4.99	0.54
Trichloroethene	ug/m ³	<1.07	2830	1380	591	380	0.14
Naphthalene	ug/m ³	NS	NS	NS	2.11	<5.23	1.48
Trichlorofluoromethane	ug/m ³	<1.12	<7.02	<3.75	<1.12	<5.00	0.78
Total VOCs	ug/m ³	64	3,141	1,538	697	458	75

Notes:

1) -- = Non-existent data dependent on laboratory specific analyte list

2) * = As reported by laboratory this analyte is common laboratory background contaminant

3) ug/m3 = micrograms per cubic meter

4) ppm = parts-per-million

5) NS = Not Sampled

6) **Bold = Analyte detected in sample**

**Table 2 - Summary of Mass Removal
Former Ozone Industries, Inc. Site,
Ozone Park, Queens, NY**

ANALYTE	LOCATION	SVE Influent						SSD Influent			
	SAMPLING DATE	3/28/2022	7/26/2022	10/25/2023	3/18/2024	2/3/2025	3/31/2026	3/28/2022	7/26/2022	3/18/2024	3/31/2026
	LAB SAMPLE ID	L2215966-03	L2239902-03	L2363961-02	L2415720-01	CS56413	L2619589	L2215966-02	L2239902-02	L2415720-02	L2619589
	Flow Rate (CFM)	380	341	416	446	310	198	291	292	249	464
VOCs TO-15	Units										
1,1,1-Trichloroethane	lbs/hr	0.000003	0.000007	0.000005	0.000001	0.000003	0.000000	0.000001	0.000001	0.000001	0.000004
1,2,4-Trimethylbenzene	lbs/hr	0.000003	0.000086	0.000005	0.000016	0.000104	0.000004	0.000001	0.000034	0.000015	0.000045
1,4-Dichlorobenzene	lbs/hr	0.000004	0.000008	0.000006	0.000001	0.000003	0.000000	0.000001	0.000001	0.000001	0.000004
2,2,4-Trimethylpentane	lbs/hr	0.000003	0.000207	0.000005	0.000001	0.000000	0.000000	0.000001	0.000042	0.000001	0.000000
2-Butanone (MEK)	lbs/hr	0.000004	0.000009	0.000007	0.000003	0.000003	0.000000	0.000001	0.000003	0.000002	0.000004
Acetone	lbs/hr	0.000007	0.000015	0.000012	0.000008	0.000020	0.000004	0.000001	0.000001	0.000005	0.000066
Benzene	lbs/hr	0.000004	0.000037	0.000008	0.000001	0.000003	0.000000	0.000000	0.000034	0.000001	0.000009
Carbon Disulfide	lbs/hr	0.000002	0.000004	0.000003	0.000001	0.000003	0.000003	0.000000	0.000000	0.000000	0.000004
Chloroform	lbs/hr	0.000011	0.000015	0.000013	0.000008	0.000012	0.000000	0.000001	0.000001	0.000000	0.000004
Chloromethane	lbs/hr	0.000001	0.000003	0.000002	0.000000	0.000003	0.000001	0.000001	0.000001	0.000001	0.000004
cis-1,2-Dichloroethene	lbs/hr	0.000280	0.000218	0.000167	0.000115	0.000073	0.000002	0.000000	0.000005	0.000000	0.000003
Dichlorodifluoromethane	lbs/hr	0.000003	0.000006	0.000005	0.000004	0.000003	0.000001	0.000002	0.000002	0.000002	0.000004
Ethanol	lbs/hr	0.000028	0.000060	0.000046	0.000008	0.000016	0.000003	0.000005	0.000051	0.000013	0.000129
Isopropyl Alcohol	lbs/hr	0.000004	0.000001	0.000006	0.000001	0.000007	0.000001	0.000001	0.000001	0.000001	0.000004
Methylene Chloride	lbs/hr	0.000005	0.000011	0.000008	0.000006	0.000009	0.000001	0.000001	0.000002	0.000001	0.000013
n-Hexane	lbs/hr	0.000002	0.000558	0.000003	0.000001	0.000003	0.000005	0.000000	0.000066	0.000002	0.000012
Tertiary butyl Alcohol	lbs/hr	0.000004	0.000010	0.000007	0.000001	0.000000	0.000000	0.000001	0.000001	0.000001	0.000000
Tetrachloroethene	lbs/hr	0.000555	0.000364	0.000249	0.000177	0.000134	0.000001	0.000002	0.000041	0.000002	0.000010
Tetrahydrofuran	lbs/hr	0.000004	0.000009	0.000007	0.000005	0.000003	0.000008	0.000001	0.000001	0.000003	0.000004
Toluene	lbs/hr	0.000002	0.000137	0.000004	0.000005	0.000003	0.000001	0.000001	0.000221	0.000008	0.000025
trans-1,2-Dichloroethene	lbs/hr	0.000002	0.000005	0.000004	0.000001	0.000003	0.000002	0.000000	0.000000	0.000000	0.000004
Trichloroethene	lbs/hr	0.002576	0.003350	0.003210	0.001687	0.001417	0.000000	0.000017	0.000131	0.000012	0.000054
Naphthalene	lbs/hr	0.000000	0.000000	0.000000	0.000010	0.000003	0.000035	0.000000	0.000000	0.000005	0.000005
Trichlorofluoromethane	lbs/hr	0.000003	0.000007	0.000005	0.000002	0.000003	0.000001	0.000001	0.000001	0.000001	0.000004
Total Mass Removal Rate	lbs/hr	0.00351	0.00513	0.00379	0.00206	0.00183	0.00007	0.00004	0.00064	0.00008	0.00042

Notes:

1) Compliance with Air Requirements = Per DEC memorandum issued 2/28/2003, remediation systems that have the potential to discharged greater than 0.5 lb/hr shall require pollution controls.

2) Mass Removal = VOC conc. ug/m3*flow rate (CFM)*(60 mins/hr)/(453,590,000 ug/lb)/(35.32 ft3/m3)

3) ug/m3 = micrograms per cubic meter

4) ppm = parts-per-million

5) **Bold = Analyte detected in sample**

6) Effluent samples were taken from the total effluent of both systems

**Table 2 - Summary of Mass Removal
Former Ozone Industries, Inc. Site,
Ozone Park, Queens, NY**

ANALYTE	LOCATION	Total Effluent					
	SAMPLING DATE	3/28/2022	7/26/2022	10/25/2023	3/18/2024	2/3/2025	3/31/2026
	LAB SAMPLE ID	L2215966-01	L2239902-01	L2363961-01	L2363961-02	CS56414	L2619589
	Flow Rate (CFM)	671	633	416	695	774	198
VOCs TO-15	Units						
1,1,1-Trichloroethane	lbs/hr	0.000001	0.000008	0.000003	0.000001	0.000007	0.000000
1,2,4-Trimethylbenzene	lbs/hr	0.000003	0.000007	0.000003	0.000001	0.000007	0.000002
1,4-Dichlorobenzene	lbs/hr	0.000002	0.000009	0.000003	0.000002	0.000007	0.000000
2,2,4-Trimethylpentane	lbs/hr	0.000001	0.000007	0.000002	0.000001	0.000000	0.000000
2-Butanone (MEK)	lbs/hr	0.000002	0.000011	0.000004	0.000004	0.000007	0.000000
Acetone	lbs/hr	0.000003	0.000018	0.000006	0.000003	0.000007	0.000015
Benzene	lbs/hr	0.000001	0.000005	0.000002	0.000001	0.000007	0.000000
Carbon Disulfide	lbs/hr	0.000001	0.000005	0.000002	0.000001	0.000007	0.000002
Chloroform	lbs/hr	0.000005	0.000030	0.000011	0.000010	0.000007	0.000000
Chloromethane	lbs/hr	0.000001	0.000003	0.000001	0.000001	0.000007	0.000000
cis-1,2-Dichloroethene	lbs/hr	0.000107	0.000451	0.000155	0.000170	0.000058	0.000003
Dichlorodifluoromethane	lbs/hr	0.000004	0.000007	0.000003	0.000005	0.000007	0.000002
Ethanol	lbs/hr	0.000012	0.000070	0.000025	0.000031	0.000021	0.000022
Isopropyl Alcohol	lbs/hr	0.000002	0.000009	0.000003	0.000020	0.000007	0.000001
Methylene Chloride	lbs/hr	0.000002	0.000013	0.000005	0.000002	0.000022	0.000001
n-Hexane	lbs/hr	0.000001	0.000005	0.000002	0.000001	0.000007	0.000003
Tertiary butyl Alcohol	lbs/hr	0.000002	0.000011	0.000004	0.000008	0.000000	0.000000
Tetrachloroethene	lbs/hr	0.000002	0.000030	0.000004	0.000002	0.000002	0.000001
Tetrahydrofuran	lbs/hr	0.000004	0.000011	0.000004	0.000002	0.000007	0.000003
Toluene	lbs/hr	0.000003	0.000016	0.000002	0.000001	0.000007	0.000001
trans-1,2-Dichloroethene	lbs/hr	0.000001	0.000006	0.000002	0.000001	0.000007	0.000000
Trichloroethene	lbs/hr	0.000001	0.006713	0.002150	0.001538	0.001102	0.000000
Naphthalene	lbs/hr	0.000000	0.000000	0.000000	0.000005	0.000008	0.000001
Trichlorofluoromethane	lbs/hr	0.000001	0.000008	0.000003	0.000001	0.000007	0.000001
Total Mass Removal Rate	lbs/hr	0.00016	0.00745	0.00240	0.00181	0.00133	0.00006

Notes:

1) Compliance with Air Requirements = Per DEC memorandum issued 2/28/2003, remediation systems that have the potential to discharged greater than 0.5 lb/hr shall require pollution controls.

2) Mass Removal = VOC conc. ug/m3*flow rate (CFM)*(60 mins/hr)/(453,590,000 ug/lb)/(35.32 ft3/m3)

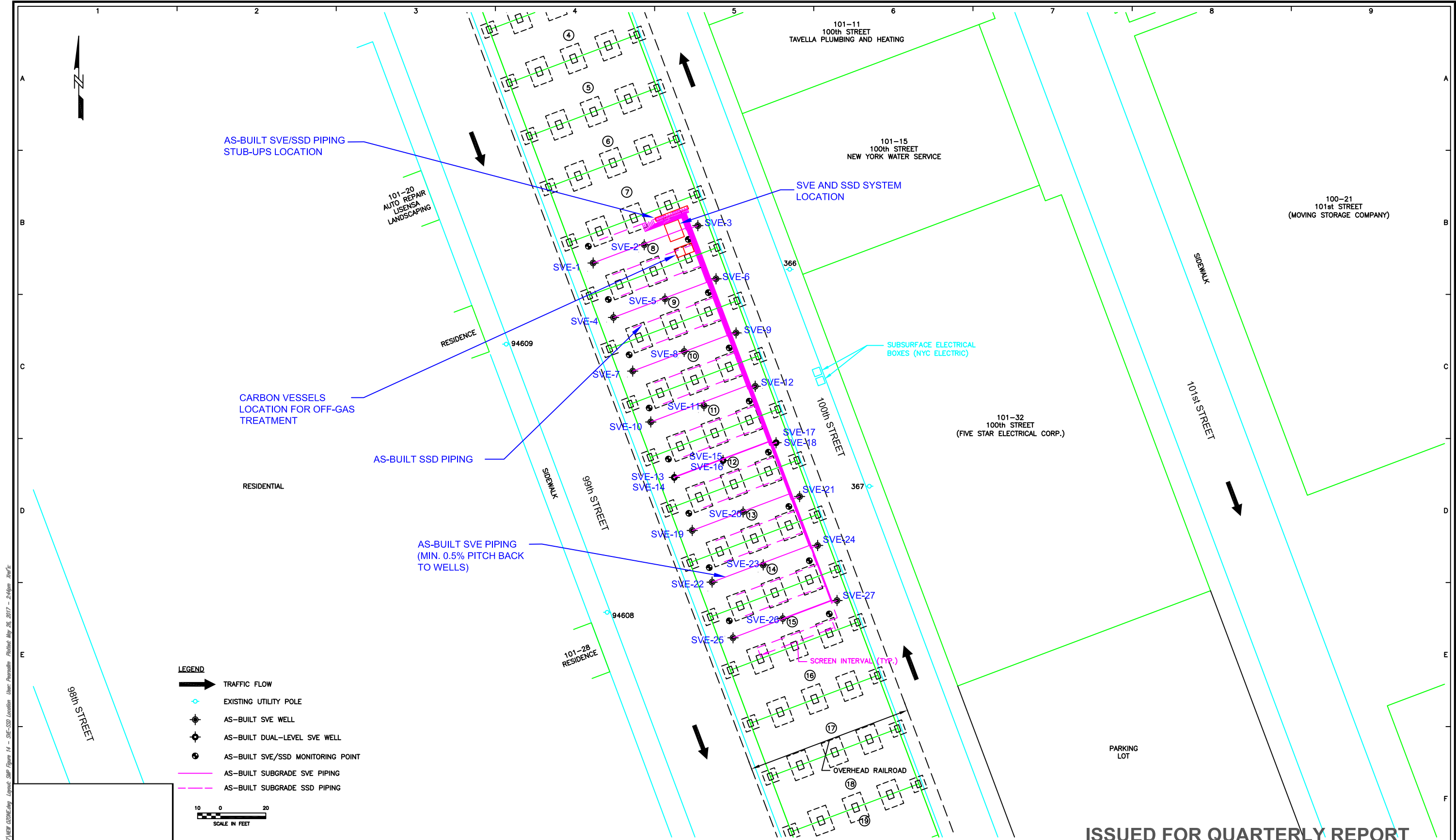
3) ug/m3 = micrograms per cubic meter

4) ppm = parts-per-million

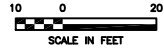
5) **Bold = Analyte detected in sample**

6) Effluent samples were taken from the total effluent of both systems

Figures



- LEGEND**
- TRAFFIC FLOW
 - EXISTING UTILITY POLE
 - AS-BUILT SVE WELL
 - AS-BUILT DUAL-LEVEL SVE WELL
 - AS-BUILT SVE/SSD MONITORING POINT
 - AS-BUILT SUBGRADE SVE PIPING
 - AS-BUILT SUBGRADE SSD PIPING



7									
6									
5									
4									
3									
2									
1	MRP	05/25/17	ISSUED FOR QUARTERLY REPORT						
0	RWM	03/18/15	ISSUED FOR SMP	RM	03/19/15	SAC	03/19/15		
NO	DRWN	DATE	REVISION	CHKD	DATE	APPVD	DATE		

AECOM

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250 APOLLO DRIVE
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FORMER OZONE INDUSTRIES, INC.
OZONE PARK
101-61 99 ST, QUEENS, NY

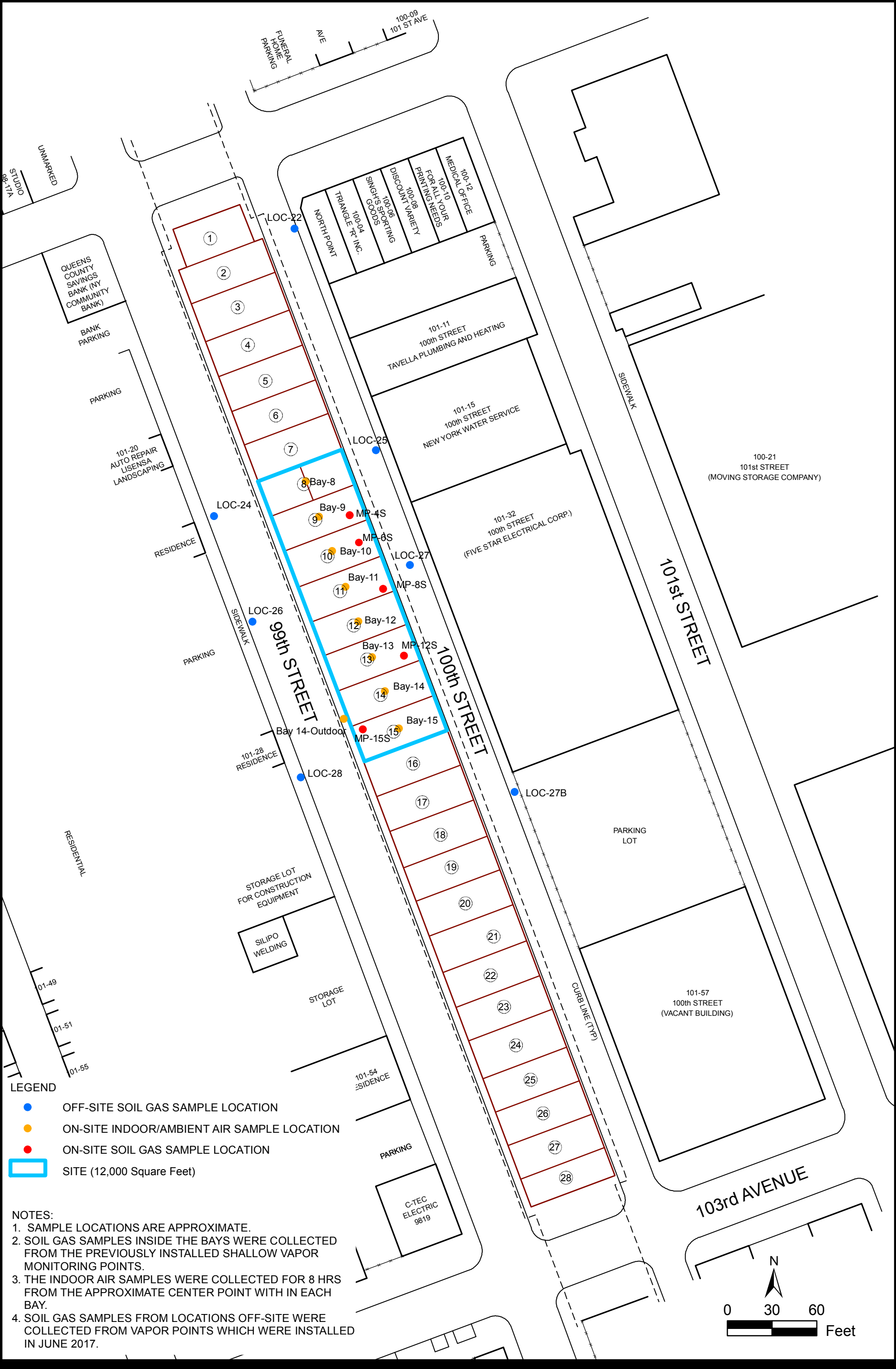
PROJ. NUMBER: 60221764

DATE: 05/25/17

**LOCATION OF SOIL VAPOR EXTRACTION
AND SUB SLAB DEPRESSURIZATION
TREATMENT SYSTEMS**

101-61 99 ST, QUEENS, NY
GROUND FLOOR

DRAWING NUMBER:	1
SHEET NUMBER:	1 of 2
REVISION	0



SITE and LOCATION OF SAMPLING POINTS
FORMER OZONE INDUSTRIES, INC.
OZONE PARK, NEW YORK, NY
Project No.: 60527976.1 Date: 2017-09-18

Appendix A System Summary Tables

Monitoring Point Summary
Former Ozone Industries, Inc.
Ozone Park, Queens NY

DATE OF O&M VISIT		07/11/25	09/22/25	03/31/26
TYPE OF SYSTEM CHECK		Full	Full	Full
FIELD TECHNICIAN		CG	CG	CG
Monitoring Well Network				
	Pressure ("H ₂ O)			
	MP-1S	0.00	0.00	0.00
	MP-1D	0.00	0.10	0.00
	MP-2S	0.00	0.00	0.00
	MP-2D	0.30	0.30	0.20
	MP-3S	0.00	0.00	0.00
	MP-3D	0.00	0.10	0.10
	MP-4S	0.00	0.00	0.00
	MP-4D	0.00	0.20	0.20
	MP-5S	0.00	0.00	0.00
	MP-5D	0.00	0.00	0.20
	MP-6S	0.00	0.10	0.00
	MP-6D	0.00	0.00	0.00
	MP-7S	0.00	0.00	0.00
	MP-7D	0.00	0.10	0.10
	MP-8S	0.00	0.00	0.00
	MP-8D	0.00	0.10	0.10
	MP-9S	0.00	0.00	0.00
	MP-9M	0.60	0.60	0.30
	MP-9D	0.70	0.70	0.40
	MP-10S	0.00	0.00	0.00
	MP-10M	0.70	0.70	0.60
	MP-10D	0.90	0.90	0.80
	MP-11S	0.00	0.00	0.00
	MP-11D	0.00	0.00	0.00
	MP-12S	0.00	0.00	0.00
	MP-12D	0.00	0.00	0.00
	MP-13S	0.00	0.00	0.00
	MP-13D	0.00	0.00	0.00
	MP-14S	0.00	0.00	0.00
	MP-14D	0.00	0.00	0.00
	MP-15S	0.00	0.00	0.00
	MP-15D	0.00	0.00	0.00
	MP-16S	0.00	0.00	0.00
	MP-16D	0.00	0.00	0.00

Notes

NM - Not Measureable (Due to faulty monitoring equipment, inaccessability, etc.)

"H₂O - Inches of water column

SSD System Summary
Former Ozone Industries, Inc.
Ozone Park, Queens NY

DATE OF O&M VISIT		07/11/25	09/22/25	03/31/26
SSD System Status (Up / Down / Off)				
	Status On Arrival	Up	Up	Up
	Overall Up Time Since Restart	85%	86%	87%
System Operation Status Between O&M Events				
	On Arrival			
	% Up Time	100%	100%	100%
Sub Slab Depression Blower (B-2)				
	Days Between O&M Events	94	73	190
	Days Of Operations	1225	1020	1415
SSD Blower Operation				
	Hour Meter (hrs)	53,705.0	55,456.0	60,020.0
	Hours Between Events	1,454.2	1,751.0	4,564.0
	Time Between Events (hrs)	2,257.0	1,753.0	4,561.0
	Time Since Start Up (hrs)	37,727.8	39,480.8	44,041.8
	VFD Frequency (Hz)	59.9	59.9	59.9
	VFD Load (Amps)	16.1	16.1	16.1
Pressure ("H ₂ O)				
	SSD-1	-2.0	-2.0	-2.2
	SSD-2	-3.0	-3.0	-3.0
	SSD-3	-3.5	-3.5	-3.5
	SSD-4	-4.0	-4.0	-3.8
	SSD-5	-4.0	-4.0	-3.8
	SSD-6	-4.0	-4.0	-3.8
	SSD-7	-4.0	-4.0	-3.8
	SSD-8	-3.9	-3.8	-3.8
Soil Vapor Velocity (ft/min)				
	SSD-1	2,272	3,234	3,384
	SSD-2	1,999	2,013	3,932
	SSD-3	3,000	3,025	3,829
	SSD-4	2,780	2,710	4,260
	SSD-5	2,431	2,403	2,929
	SSD-6	2,637	2,605	1,889
	SSD-7	2,066	2,054	2,395
	SSD-8	1,981	1,980	2,055
Soil Vapor Flow Rate (ft ³ /min)				
	SSD-1	49.57	70.55	73.83
	SSD-2	43.61	43.92	85.78
	SSD-3	65.45	66.00	83.54
	SSD-4	60.65	59.12	92.94
	SSD-5	53.04	52.43	63.90
	SSD-6	57.53	56.83	41.21
	SSD-7	45.07	44.81	52.25
	SSD-8	43.22	43.20	44.83
VOCs (ppm _v)				
	SSD-1	0.0	0.0	0.0
	SSD-2	0.1	0.1	0.1
	SSD-3	0.1	0.1	0.1
	SSD-4	0.0	0.0	0.0
	SSD-5	0.0	0.0	0.0
	SSD-6	0.0	0.0	0.0
	SSD-7	0.0	0.0	0.0
	SSD-8	0.0	0.0	0.0
SSD Sample Ports				
	VOCs (ppm _v)			
	SSD-SP01	0.4	0.3	0.1
	SSD-SP04	0.2	0.3	0.0

- Notes:
- 1) Soil Vapor Velocity taken form individual SSD Wells is from a 2.0-inch diameter pipe.
 - 2) Soil Vapor Velocity taken with pitot tube assuming soil vapor temp of 65 deg F, from SSD SP-03, which is from a 4.0" diameter pipe.
 - 3) Soil Vapor Velocity taken form SSD-SP-04 is from a 3.0-inch diameter pipe.
 - 4) Dilution is calculated by subtracting Blower Inlet and Discharge Soil Vapor Flow Rate.
 - 5) NM - Not Measureable (Due to faulty monitoring equipment, inaccessability, etc.)

SVE System Summary
Former Ozone Industries, Inc.
Ozone Park, Queens NY

DATE OF O&M VISIT		07/11/25	09/22/25	03/31/26
SVE System Status (Up / Down / Off)				
Status On Arrival		Up	Up	Up
Overall Up Time Since Start Up		71%	72%	73%
System Status Between O&M Events				
On Arrival				
% Up Time		100%	99%	87%
Soil Vapor Extraction Blower (B-1)				
Days Between O&M Events		94	73	190
Days Of Operations		1486	1559	1749
SVE Blower Operation				
Hour Meter (hrs)		42,061.1	43,551.1	47,199.9
Hours Between Events		1,918.5	1,490.1	3,648.8
Time Between Events (hrs)		2,257.0	1,753.0	4,561.0
Time Since Restart (hrs)		35,665.0	37,418.0	41,979.0
VFD Frequency (Hz)		60.0	60.0	60.0
VFD Load (Amps)		54.3	54.3	54.3
Vacuum ("H ₂ O)				
	SVE-8	NM	NM	NM
	SVE-7	NM	NM	NM
	SVE-11	-2.5	-2.5	NM
	SVE-10	-2.5	-2.5	NM
	SVE-15	-5.0	-4.9	NM
	SVE-13	-4.0	-5.2	NM
	SVE-14	-8.0	-8.4	NM
	SVE-16	-3.4	-2.8	NM
	SVE-18	-2.9	-1.5	NM
	SVE-17	-1.5	-5.2	NM
	SVE-12	-5.3	-5.0	NM
	SVE-9	-8.9	-7.6	NM
	SVE-21	-7.5	-8.5	NM
	SVE-3	-3.5	-3.5	NM
	SVE-1	-10.5	-10.4	NM
	SVE-4	NM	NM	NM
	SVE-2	NM	NM	NM
	SVE-5	NM	NM	NM
	SVE-20	-9.5	-9.6	NM
	SVE-19	-2.4	-2.4	NM
	SVE-23	-1.3	-1.2	NM
	SVE-22	-0.9	-0.9	NM
	SVE-25	NM	NM	NM
	SVE-26	NM	NM	NM
	SVE-27	NM	NM	NM
	SVE-24	NM	NM	NM
	SVE-6	NM	NM	NM

SVE System Summary
Former Ozone Industries, Inc.
Ozone Park, Queens NY

DATE OF O&M VISIT		07/11/25	09/22/25	03/31/26
SVE System Status (Up / Down / Off)				
Status On Arrival		Up	Up	Up
Overall Up Time Since Start Up		71%	72%	73%
Soil Vapor Velocity (ft/min)				
	SVE-8	NA	NA	NA
	SVE-7	NA	NA	NA
	SVE-11	1681	1588	NA
	SVE-10	1722	1725	NA
	SVE-15	1690	11698	NA
	SVE-13	1400	2435	NA
	SVE-14	1378	1377	NA
	SVE-16	1399	1397	NA
	SVE-18	655	678	NA
	SVE-17	1505	1510	NA
	SVE-12	1898	2911	NA
	SVE-9	3211	2111	NA
	SVE-21	1332	1378	NA
	SVE-3	491	490	NA
	SVE-1	NA	NA	NA
	SVE-4	NA	NA	NA
	SVE-2	NA	NA	NA
	SVE-5	NA	NA	NA
	SVE-20	2997	2309	NA
	SVE-19	933	981	NA
	SVE-23	699	698	NA
	SVE-22	477	478	NA
	SVE-25	NA	NA	NA
	SVE-26	NA	NA	NA
	SVE-27	NA	NA	NA
	SVE-24	NA	NA	NA
	SVE-6	NA	NA	NA

SVE System Summary
Former Ozone Industries, Inc.
Ozone Park, Queens NY

DATE OF O&M VISIT		07/11/25	09/22/25	03/31/26
SVE System Status (Up / Down / Off)				
Status On Arrival		Up	Up	Up
Overall Up Time Since Start Up		71%	72%	73%
Soil Vapor Flow Rate (ft ³ /min)				
	SVE-8	NA	NA	NA
	SVE-7	NA	NA	NA
	SVE-11	36.7	34.6	NA
	SVE-10	37.6	37.6	NA
	SVE-15	36.9	255.2	NA
	SVE-13	30.5	53.1	NA
	SVE-14	30.1	30.0	NA
	SVE-16	30.5	30.5	NA
	SVE-18	14.3	14.8	NA
	SVE-17	32.8	32.9	NA
	SVE-12	41.4	63.5	NA
	SVE-9	70.1	46.1	NA
	SVE-21	29.1	30.1	NA
	SVE-3	10.7	10.7	NA
	SVE-1	NA	NA	NA
	SVE-4	NA	NA	NA
	SVE-2	NA	NA	NA
	SVE-5	NA	NA	NA
	SVE-20	65.4	50.4	NA
	SVE-19	20.4	21.4	NA
	SVE-23	15.2	15.2	NA
	SVE-22	10.4	10.4	NA
	SVE-25	NA	NA	NA
	SVE-26	NA	NA	NA
	SVE-27	NA	NA	NA
	SVE-24	NA	NA	NA
	SVE-6	NA	NA	NA

SVE System Summary
Former Ozone Industries, Inc.
Ozone Park, Queens NY

DATE OF O&M VISIT		07/11/25	09/22/25	03/31/26
SVE System Status (Up / Down / Off)				
Status On Arrival		Up	Up	Up
Overall Up Time Since Start Up		71%	72%	73%
VOCs (ppm_v)				
	SVE-8	NA	NA	NA
	SVE-7	NA	NA	NA
	SVE-11	NM	NM	NM
	SVE-10	NM	NM	NM
	SVE-15	NM	NM	NM
	SVE-13	NM	NM	NM
	SVE-14	NM	NM	NM
	SVE-16	NM	NM	NM
	SVE-18	NM	NM	NM
	SVE-17	NM	NM	NM
	SVE-12	NM	NM	NM
	SVE-9	NM	NM	NM
	SVE-21	NM	NM	NM
	SVE-3	NM	NM	NM
	SVE-1	NA	NA	NA
	SVE-4	NA	NA	NA
	SVE-2	NA	NA	NA
	SVE-5	NA	NA	NA
	SVE-20	NM	NM	NM
	SVE-19	NM	NM	NM
	SVE-23	NM	NM	NM
	SVE-22	NM	NM	NM
	SVE-25	NA	NA	NA
	SVE-26	NA	NA	NA
	SVE-27	NA	NA	NA
	SVE-24	NA	NA	NA
	SVE-6	NA	NA	NA
SVE Sample Ports				
		0.0	0.0	0.0
		0.0	0.0	0.0
VOCs (ppm_v)				
	SVE-SP01	0.7	1.1	0.1
	SVE-SP04	0.0	0.9	0.0

- Notes:
- 1) Soil Vapor Velocity taken from individual SVE Wells is from a 2.0-inch diameter pipe.
 - 2) Soil Vapor Velocity taken with pitot tube assuming soil vapor temp of 65 deg F, from SVE-SP-03, which is from a 4.0-inch diameter pipe.
 - 3) Soil Vapor Velocity taken from SVE-SP-04 is from a 3.0-inch diameter pipe.
 - 4) Dilution is calculated by subtracting Blower Inlet and Discharge Soil Vapor Flow Rate.
 - 5) Mass removal based following calculation: #/hr = Flow Rate x 111 (MW of Benzene) x VOC x 1.53x10⁻⁷ .
 - 6) NA - Not Applicable (Point removed from monitoring program), NM - Not Measureable (Due to faulty monitoring equipment, inaccessability, etc.)

Appendix B Laboratory Analytical



ANALYTICAL REPORT

Lab Number:	L2619589
Client:	AECOM 250 Apollo Drive Chelmsford, MA 01824
ATTN:	Matthew Pearsall
Phone:	(860) 263-5763
Project Name:	ENDZONE OZONE PARK
Project Number:	60752529
Report Date:	04/30/26

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

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



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2619589-01	SVE INF	SOIL_VAPOR	101-37 99TH STREET	03/31/26 12:30	04/01/26
L2619589-02	SSD INF	SOIL_VAPOR	101-37 99TH STREET	03/31/26 13:15	04/01/26
L2619589-03	EFF TOTAL	SOIL_VAPOR	101-37 99TH STREET	03/31/26 13:30	04/01/26
L2619589-04	UNUSED CAN #5320	SOIL_VAPOR	101-37 99TH STREET		04/01/26

Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

Case Narrative

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

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

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

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

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

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

Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

Case Narrative (continued)

Volatile Organics in Air

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

The continuing calibration standard, associated with L2619589-01 through -03, is outside the %D criteria for Dibromochloromethane, Bromoform; however, it is within overall acceptance criteria.

The WG2199123-3 LCS recovery associated with L2619589-01 through -03 is above the upper 130% acceptance limit for dibromochloromethane (131%) and bromoform (131%). All samples associated with this LCS do not have reportable amounts of this analyte.

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

Authorized Signature:



Jennifer Jerome

Title: Technical Director/Representative

Date: 04/30/26

QC OUTLIER SUMMARY REPORT

Project Name: ENDZONE OZONE PARK

Lab Number: L2619589

Project Number: 60752529

Report Date: 04/30/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics in Air by SIM - Mansfield Air Lab								
TO-15-SIM	Batch QC	WG2199123-3	Dibromochloromethane	LCS	131	70-130	01-03	potential high bias
TO-15-SIM	Batch QC	WG2199123-3	Bromoform	LCS	131	70-130	01-03	potential high bias

AIR

Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

SAMPLE RESULTS

Lab ID: L2619589-01
 Client ID: SVE INF
 Sample Location: 101-37 99TH STREET

Date Collected: 03/31/26 12:30
 Date Received: 04/01/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/16/26 14:04
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.338	0.200	--	1.67	0.989	--		1
Chloromethane	0.417	0.200	--	0.861	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.46	1.00	--	5.84	2.38	--		1
Trichlorofluoromethane	0.155	0.050	--	0.871	0.281	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.28	0.200	--	3.99	0.623	--		1
Freon-113	0.054	0.050	--	0.414	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	0.809	0.020	--	3.21	0.079	--		1



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

SAMPLE RESULTS

Lab ID: L2619589-01
 Client ID: SVE INF
 Sample Location: 101-37 99TH STREET

Date Collected: 03/31/26 12:30
 Date Received: 04/01/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.055	0.020	--	0.269	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.141	0.100	--	0.450	0.319	--		1
Carbon tetrachloride	0.036	0.020	--	0.226	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	8.73	0.020	--	46.9	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.709	0.100	--	2.67	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	1.61	0.020	--	10.9	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.250	0.020	--	1.09	0.087	--		1



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

SAMPLE RESULTS

Lab ID: L2619589-01
 Client ID: SVE INF
 Sample Location: 101-37 99TH STREET

Date Collected: 03/31/26 12:30
 Date Received: 04/01/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
p/m-Xylene	1.08	0.040	--	4.69	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.024	0.020	--	0.102	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.453	0.020	--	1.97	0.087	--		1
4-Ethyltoluene	0.132	0.020	--	0.649	0.098	--		1
1,3,5-Trimethybenzene	0.214	0.020	--	1.05	0.098	--		1
1,2,4-Trimethylbenzene	1.11	0.020	--	5.46	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.027	0.020	--	0.162	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	1.31	0.050	--	6.87	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	114		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	97		60-140



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

SAMPLE RESULTS

Lab ID: L2619589-02
 Client ID: SSD INF
 Sample Location: 101-37 99TH STREET

Date Collected: 03/31/26 13:15
 Date Received: 04/01/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/16/26 14:42
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.574	0.200	--	2.84	0.989	--		1
Chloromethane	0.334	0.200	--	0.690	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	10.4	5.00	--	19.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.02	1.00	--	14.3	2.38	--		1
Trichlorofluoromethane	0.286	0.050	--	1.61	0.281	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.758	0.200	--	2.36	0.623	--		1
Freon-113	0.100	0.050	--	0.766	0.383	--		1
trans-1,2-Dichloroethene	0.070	0.020	--	0.278	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.66	0.500	--	4.90	1.47	--		1
cis-1,2-Dichloroethene	3.75	0.020	--	14.9	0.079	--		1



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

SAMPLE RESULTS

Lab ID: L2619589-02
 Client ID: SSD INF
 Sample Location: 101-37 99TH STREET

Date Collected: 03/31/26 13:15
 Date Received: 04/01/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Ethyl Acetate	0.516	0.500	--	1.86	1.80	--		1
Chloroform	0.186	0.020	--	0.908	0.098	--		1
Tetrahydrofuran	2.72	0.500	--	8.02	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	0.920	0.200	--	3.24	0.705	--		1
1,1,1-Trichloroethane	0.063	0.020	--	0.344	0.109	--		1
Benzene	0.570	0.100	--	1.82	0.319	--		1
Carbon tetrachloride	0.064	0.020	--	0.403	0.126	--		1
Cyclohexane	0.283	0.200	--	0.974	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	38.0	0.020	--	204	0.107	--		1
2,2,4-Trimethylpentane	0.508	0.200	--	2.37	0.934	--		1
Heptane	0.367	0.200	--	1.50	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	6.66	0.100	--	25.1	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	6.25	0.020	--	42.4	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	2.19	0.020	--	9.51	0.087	--		1



Project Name: ENDZONE OZONE PARK**Lab Number:** L2619589**Project Number:** 60752529**Report Date:** 04/30/26**SAMPLE RESULTS**

Lab ID: L2619589-02

Date Collected: 03/31/26 13:15

Client ID: SSD INF

Date Received: 04/01/26

Sample Location: 101-37 99TH STREET

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
p/m-Xylene	9.47	0.040	--	41.1	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.131	0.020	--	0.558	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	3.48	0.020	--	15.1	0.087	--		1
4-Ethyltoluene	0.816	0.020	--	4.01	0.098	--		1
1,3,5-Trimethylbenzene	1.25	0.020	--	6.15	0.098	--		1
1,2,4-Trimethylbenzene	5.07	0.020	--	24.9	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	0.027	0.020	--	0.162	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	1.94	0.050	--	10.2	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	115		60-140
bromochloromethane	83		60-140
chlorobenzene-d5	93		60-140



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

SAMPLE RESULTS

Lab ID: L2619589-03
 Client ID: EFF TOTAL
 Sample Location: 101-37 99TH STREET

Date Collected: 03/31/26 13:30
 Date Received: 04/01/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/16/26 04:19
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.501	0.200	--	2.48	0.989	--		1
Chloromethane	0.272	0.200	--	0.562	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	15.6	5.00	--	29.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.57	1.00	--	20.4	2.38	--		1
Trichlorofluoromethane	0.138	0.050	--	0.776	0.281	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.961	0.200	--	2.99	0.623	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	0.035	0.020	--	0.139	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	1.14	0.020	--	4.52	0.079	--		1



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

SAMPLE RESULTS

Lab ID: L2619589-03
 Client ID: EFF TOTAL
 Sample Location: 101-37 99TH STREET

Date Collected: 03/31/26 13:30
 Date Received: 04/01/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.085	0.020	--	0.415	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	0.027	0.020	--	0.147	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.276	0.020	--	1.48	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.144	0.100	--	0.543	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.528	0.020	--	3.58	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.079	0.020	--	0.343	0.087	--		1



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

SAMPLE RESULTS

Lab ID: L2619589-03
 Client ID: EFF TOTAL
 Sample Location: 101-37 99TH STREET

Date Collected: 03/31/26 13:30
 Date Received: 04/01/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
p/m-Xylene	0.342	0.040	--	1.49	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.149	0.020	--	0.647	0.087	--		1
4-Ethyltoluene	0.053	0.020	--	0.261	0.098	--		1
1,3,5-Trimethybenzene	0.091	0.020	--	0.447	0.098	--		1
1,2,4-Trimethylbenzene	0.572	0.020	--	2.81	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	0.859	0.050	--	4.50	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	82		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140



Project Name: ENDZONE OZONE PARK**Lab Number:** L2619589**Project Number:** 60752529**Report Date:** 04/30/26

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/16/26 00:54

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-03 Batch: WG2199123-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1



Project Name: ENDZONE OZONE PARK**Lab Number:** L2619589**Project Number:** 60752529**Report Date:** 04/30/26

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/16/26 00:54

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-03 Batch: WG2199123-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1



Project Name: ENDZONE OZONE PARK**Lab Number:** L2619589**Project Number:** 60752529**Report Date:** 04/30/26

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/16/26 00:54

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-03 Batch: WG2199123-4								
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: ENDZONE OZONE PARK

Project Number: 60752529

Lab Number: L2619589

Report Date: 04/30/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-03 Batch: WG2199123-3								
Dichlorodifluoromethane	104		-		70-130	-		
Chloromethane	108		-		70-130	-		
Freon-114	105		-		70-130	-		
Vinyl chloride	110		-		70-130	-		
1,3-Butadiene	115		-		70-130	-		
Bromomethane	111		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethanol	76		-		40-160	-		
Vinyl bromide	118		-		70-130	-		
Acetone	88		-		40-160	-		
Trichlorofluoromethane	94		-		70-130	-		
Isopropanol	93		-		40-160	-		
1,1-Dichloroethene	104		-		70-130	-		
Tertiary butyl Alcohol ¹	84		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	97		-		70-130	-		
Carbon disulfide	114		-		70-130	-		
Freon-113	103		-		70-130	-		
trans-1,2-Dichloroethene	95		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: ENDZONE OZONE PARK

Project Number: 60752529

Lab Number: L2619589

Report Date: 04/30/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-03 Batch: WG2199123-3								
1,1-Dichloroethane	95		-		70-130	-		
Methyl tert butyl ether	93		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	89		-		70-130	-		
Ethyl Acetate	118		-		70-130	-		
Chloroform	93		-		70-130	-		
Tetrahydrofuran	100		-		70-130	-		
1,2-Dichloroethane	80		-		70-130	-		
n-Hexane	96		-		70-130	-		
1,1,1-Trichloroethane	88		-		70-130	-		
Benzene	89		-		70-130	-		
Carbon tetrachloride	87		-		70-130	-		
Cyclohexane	94		-		70-130	-		
1,2-Dichloropropane	90		-		70-130	-		
Bromodichloromethane	94		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	103		-		70-130	-		
Heptane	91		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: ENDZONE OZONE PARK

Project Number: 60752529

Lab Number: L2619589

Report Date: 04/30/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-03 Batch: WG2199123-3								
cis-1,3-Dichloropropene	101		-		70-130	-		
4-Methyl-2-pentanone	89		-		70-130	-		
trans-1,3-Dichloropropene	100		-		70-130	-		
1,1,2-Trichloroethane	94		-		70-130	-		
Toluene	119		-		70-130	-		
2-Hexanone	123		-		70-130	-		
Dibromochloromethane	131	Q	-		70-130	-		
1,2-Dibromoethane	123		-		70-130	-		
Tetrachloroethene	118		-		70-130	-		
Chlorobenzene	118		-		70-130	-		
Ethylbenzene	110		-		70-130	-		
p/m-Xylene	116		-		70-130	-		
Bromoform	131	Q	-		70-130	-		
Styrene	119		-		70-130	-		
1,1,2,2-Tetrachloroethane	117		-		70-130	-		
o-Xylene	111		-		70-130	-		
4-Ethyltoluene	121		-		70-130	-		
1,3,5-Trimethylbenzene	112		-		70-130	-		
1,2,4-Trimethylbenzene	118		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: ENDZONE OZONE PARK

Project Number: 60752529

Lab Number: L2619589

Report Date: 04/30/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-03 Batch: WG2199123-3								
Benzyl chloride	104		-		70-130	-		
1,3-Dichlorobenzene	118		-		70-130	-		
1,4-Dichlorobenzene	116		-		70-130	-		
1,2-Dichlorobenzene	113		-		70-130	-		
1,2,4-Trichlorobenzene	115		-		70-130	-		
Naphthalene	99		-		70-130	-		
Hexachlorobutadiene	114		-		70-130	-		

Project Name: ENDZONE OZONE PARK

Serial_No: 04302616:40
Lab Number: L2619589

Project Number: 60752529

Report Date: 04/30/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2619589-01	SVE INF	3055	6.0L Can	03/30/26	561059	L2616797-01	Pass	-29.3	28.8	-	-	-	-
L2619589-02	SSD INF	3044	6.0L Can	03/30/26	561059	L2616776-10	Pass	-29.4	29.1	-	-	-	-
L2619589-03	EFF TOTAL	5801	6.0L TO Can	03/30/26	561059	L2616776-10	Pass	-29.4	29.9	-	-	-	-
L2619589-04	UNUSED CAN #5320	5320	6.0L Can	03/30/26	561059	L2616776-10	Pass	-29.6	-30.1	-	-	-	-

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

Lab Number: L2616776
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616776-10
Client ID: CAN 1655 SHELF 105
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 03/27/26 07:33
Analyst: KMH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



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

Lab Number: L2616776
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616776-10
Client ID: CAN 1655 SHELF 105
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2616776
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616776-10
Client ID: CAN 1655 SHELF 105
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2616776
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616776-10
Client ID: CAN 1655 SHELF 105
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2616776**Project Number:** CANISTER QC BAT**Report Date:** 04/30/26**Air Canister Certification Results**

Lab ID: L2616776-10

Date Collected: 03/26/26 17:42

Client ID: CAN 1655 SHELF 105

Date Received: 03/26/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	88		60-140



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

Lab Number: L2616776
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616776-10
Client ID: CAN 1655 SHELF 105
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 03/27/26 07:33
Analyst: KMH

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



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

Lab Number: L2616776
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616776-10
Client ID: CAN 1655 SHELF 105
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:

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



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2616776**Project Number:** CANISTER QC BAT**Report Date:** 04/30/26**Air Canister Certification Results**

Lab ID: L2616776-10
 Client ID: CAN 1655 SHELF 105
 Sample Location:

Date Collected: 03/26/26 17:42
 Date Received: 03/26/26
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	76		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	81		60-140



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

Lab Number: L2616797
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616797-01
Client ID: CAN 767 SHELF 106
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 03/27/26 08:11
Analyst: KMH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



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

Lab Number: L2616797
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616797-01
Client ID: CAN 767 SHELF 106
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2616797
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616797-01
Client ID: CAN 767 SHELF 106
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2616797
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616797-01
Client ID: CAN 767 SHELF 106
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2616797**Project Number:** CANISTER QC BAT**Report Date:** 04/30/26**Air Canister Certification Results**

Lab ID: L2616797-01

Date Collected: 03/26/26 17:42

Client ID: CAN 767 SHELF 106

Date Received: 03/26/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	89		60-140



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

Lab Number: L2616797
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616797-01
Client ID: CAN 767 SHELF 106
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 03/27/26 08:11
Analyst: KMH

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



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

Lab Number: L2616797
Report Date: 04/30/26

Air Canister Certification Results

Lab ID: L2616797-01
Client ID: CAN 767 SHELF 106
Sample Location:

Date Collected: 03/26/26 17:42
Date Received: 03/26/26
Field Prep: Not Specified

Sample Depth:

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



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2616797**Project Number:** CANISTER QC BAT**Report Date:** 04/30/26**Air Canister Certification Results**

Lab ID: L2616797-01

Date Collected: 03/26/26 17:42

Client ID: CAN 767 SHELF 106

Date Received: 03/26/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	76		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	81		60-140



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2619589-01A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		TO15-SIM(30)
L2619589-02A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		TO15-SIM(30)
L2619589-03A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		TO15-SIM(30)
L2619589-04A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

GLOSSARY

Acronyms

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

Report Format: Data Usability Report



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: Data Usability Report



Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

Data Qualifiers

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

Project Name: ENDZONE OZONE PARK
Project Number: 60752529

Lab Number: L2619589
Report Date: 04/30/26

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

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

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

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

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

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

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

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

SM 2540D: TSS.

Biological Tissue Matrix: EPA 3050B

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

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

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

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

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

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

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

Drinking Water

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

Non-Potable Water

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

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

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

SM2340B

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

Drinking Water

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

SM4500F-C, SM4500CI-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.

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

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

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500CI-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECI: NO₃, SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500CI-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0: Cl, SO₄, NO₃.

EPA 624.1: Volatile Halocarbons, Volatile Aromatics.

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

EPA 625.1: SVOC-Acid Extractables and Base/Neutrals

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

Certification IDs:

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

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

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

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

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

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

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

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

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



Sample Delivery Group Summary

Pace Job Number : L2619589

Received : 01-APR-2026

Reviewer : Jennifer Jerome

Account Name : AECOM

Project Number : 60752529

Project Name : ENDZONE OZONE PARK

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

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

Condition Information

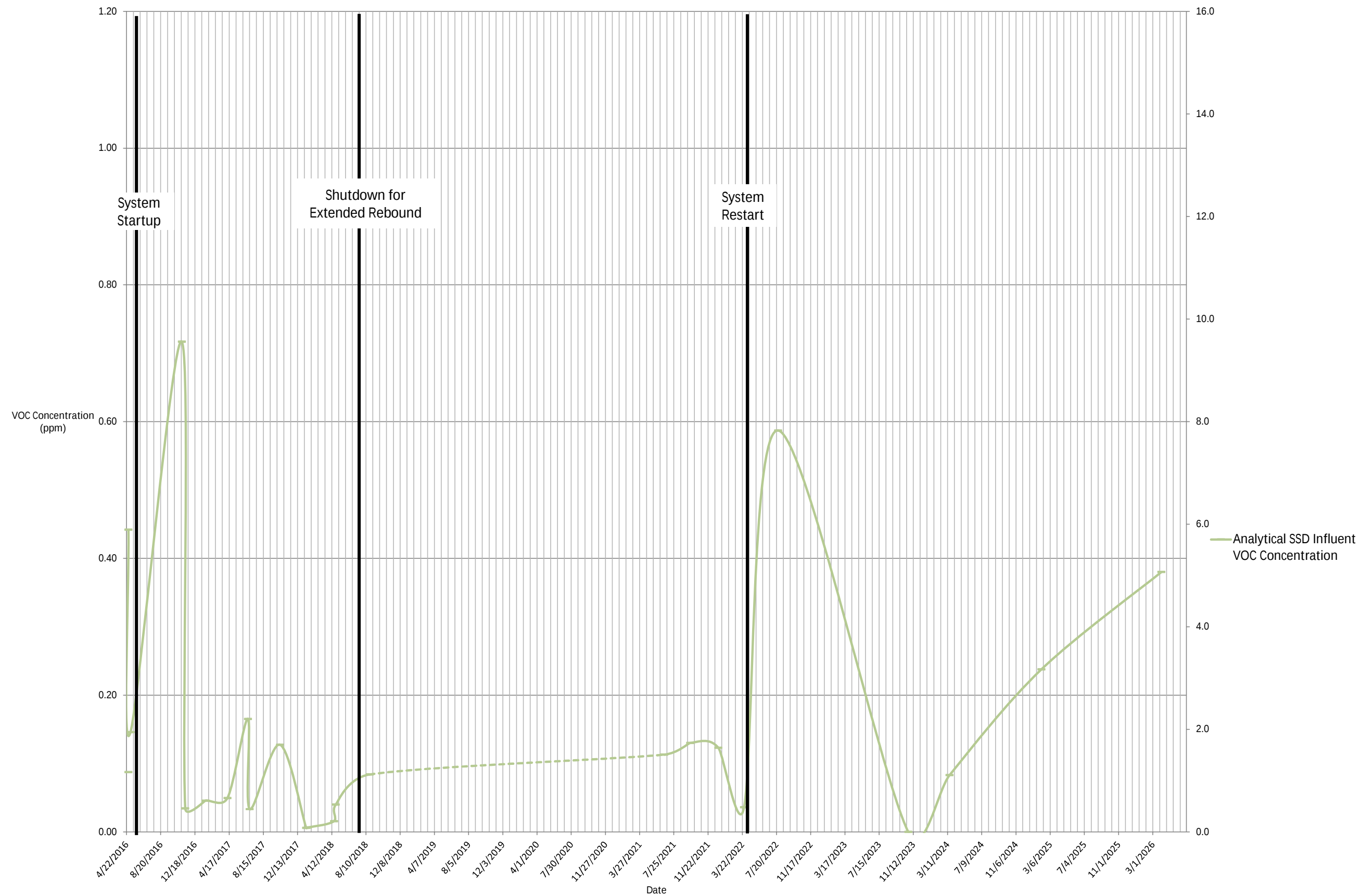
1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between COC & sample labels?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?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

Volatile Organics/VPH

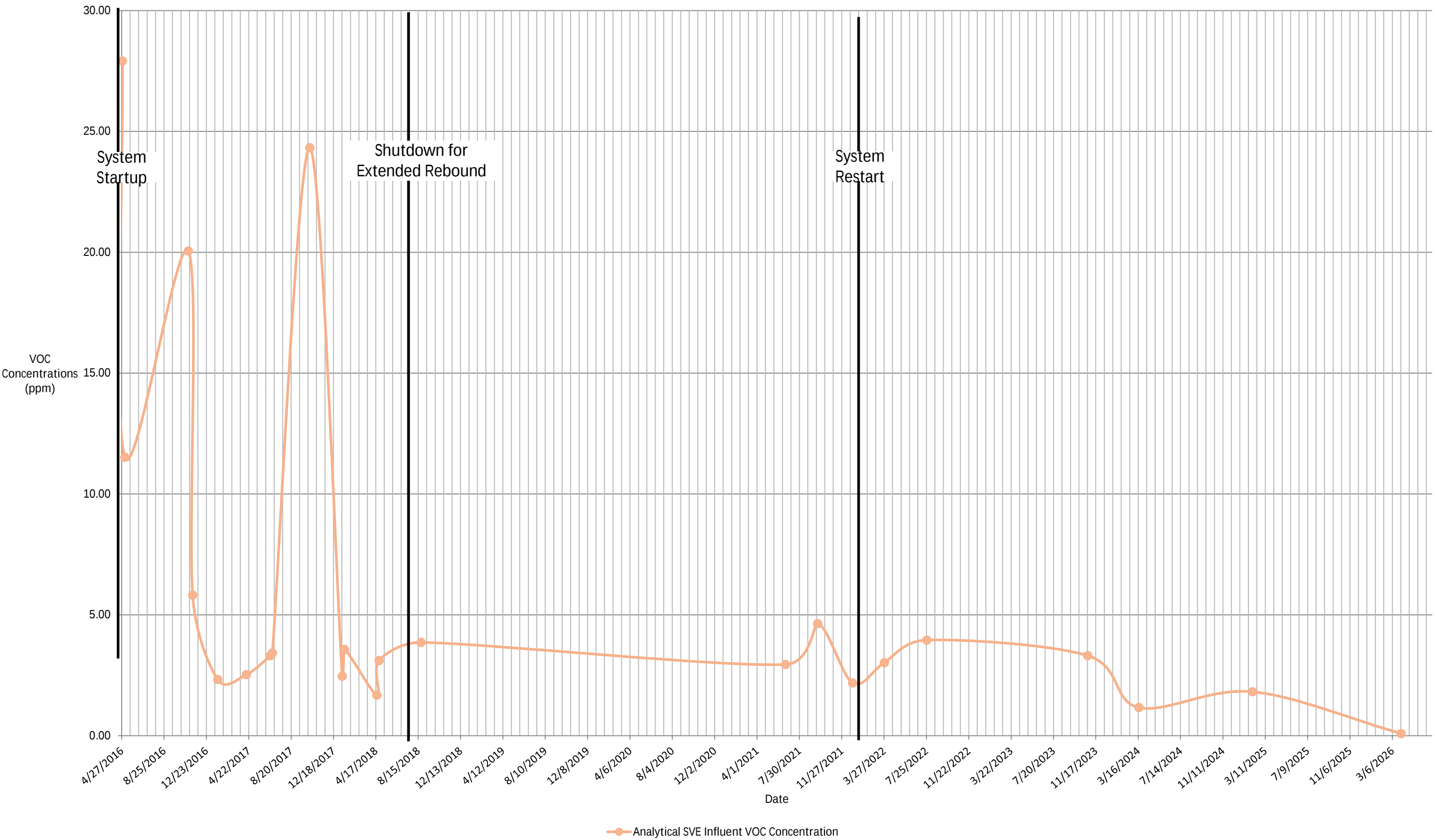
1) Reagent Water Vials Frozen by Client?	NA
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Appendix C Graphs depicting Lab Results – SSD and SVE Systems

Influent SSD VOC Concentrations (ppm) - Laboratory results



Influent SVE VOC Concentrations (ppm) - Laboratory results



Acronym	Term	Page	Cross-Reference Count	Cross-Reference Pages
O&M	On behalf of Signature Aviation, AECOM has prepared this Progress Report, which summarizes the results of the Operation and Maintenance	1	19	3, 1, 2 & 1
SVE	Soil Vapor Extraction	1	37	3, 1, 2, 1 & 6
SSD	SVE and Sub-slab Depressurization	1	25	3, 1, 2, 1 & 6
PID		1	4	1
SCFM		1	7	1
ISMP	Interim Site Management Plan	1	2	1
VFD		1	4	1, 2 & 1