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QUARTERLY OPERATIONS AND MAINTENANCE REPORT SECOND QUARTER 2025

STANTON CLEANERS AREA SUPERFUND SITE

110 Cutter Mill Road
Great Neck, NY 11021

NYDEC Site No. 130072

Prepared For:

New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233
Contract #D009808

Prepared By:

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HRP#: DEC1003.OM

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GENERAL INFORMATION

Project/Site Information:

Stanton Cleaners Area Superfund Site
110 Cutter Mill Road
Great Neck, NY 11021

Consultant Information:

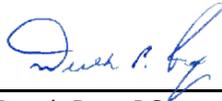
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Report Date: August 25, 2025

Project Manager:



Derek Roy, PG
Project Manager

1.0 **INTRODUCTION**

HRP Associates, Inc. (HRP) has been contracted by the New York State Department of Environmental Conservation (NYSDEC) for site management tasks under Standby Engineering Contract D009808. Under this contract, on-going site management was assigned to HRP for the former Stanton Cleaners Site, NYSDEC Site No. 130072, located at 110 Cutter Mill Road in Great Neck, New York (herein referred to as the "Site"). The Site location is depicted on **Figure 1**. The Site is currently listed on the New York State Registry of Inactive Hazardous Waste Sites as a Class 4 site. This designation is for properly closed sites but requires continued management until remedial objectives are achieved. The U.S. Environmental Protection Agency (EPA) oversaw the operations and maintenance (O&M) and site management from 2001 to 2012. NYSDEC assumed responsibility for site management in 2012. The on-going site management was assigned to HRP in April 2020. This work assignment (WA) includes the following tasks:

- Task 1 – Preliminary Activities
- Task 2 – Site Management Plan
- Task 3 – System O&M
- Task 4 – Monitoring and Reporting
- Task 5 – Periodic Review and Report
- Task 6 – Site Remedial Systems Optimization

This quarterly O&M Report summarizes the O&M and monitoring activities completed during the second quarter of 2025 (April through June 2025). This report provides a description of the work performed throughout the reporting period, a discussion of the data obtained, and documents the relevant performance monitoring.

2.0 **SITE BACKGROUND**

2.1 **Site Location and Current Use**

Stanton Cleaners is a former dry-cleaning facility located at 110 Cutter Mill Road in Great Neck, Nassau County, New York (The Site location is shown on **Figure 1**). A dry cleaner had operated at the Site since the 1950s. The property had several different owners in subsequent years, and the business may have had several names, most recently Stanton Cleaners. Between about 1958 and 1983, waste liquids from the onsite dry-cleaning processes were discharged, spilled, or leaked onto the ground behind the facility (U.S. Department of Health, 2004). The Site is located approximately 1,000 feet north of an active public water supply well field, owned and operated by the Water Authority of Great Neck North (WAGNN). The Site is approximately 0.25 acres and includes a two-story building in which the dry-cleaning business operated, an adjacent one-story boiler/storage building, and a building that houses the current remediation system. Site features are depicted on **Figure 2**. The Site is bordered to the west by Cutter Mill Road, to the north and east by a former indoor tennis court, and to the south by a gasoline station. Adjacent areas that have been affected by the contamination include, but are not limited to, the former neighboring Plaza Tennis Center,

the Century Condominium Complex, the North Shore Sephardic Synagogue, and the Long Island Hebrew Academy (LIHA).

2.2 Remedial History

In June of 1983, the Nassau County Department of Health (NCDH) inspected the Stanton Cleaners facility. According to NCDH files, the inspection revealed a pipe protruding from the rear side of the building. It was noted that the pipe was connected to the dry-cleaning fluid/water separator that discharged onto the ground in the rear yard sloping away from the building. To determine the impacts of the separator discharge, soil samples were collected by NCDH in the rear of the building. The results of the analysis indicated the soil was contaminated with tetrachloroethene (PCE) at concentrations up to 8,000 parts per million (ppm). Groundwater sampling conducted in January 1998 by a contractor for the NYSDEC detected PCE; 1,2-dichloroethene (DCE); and trichloroethene (TCE) contamination at, and downgradient of Stanton Cleaners.

On June 8, 1998, the NYSDEC requested that the EPA perform a Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA) authorized emergency response action at the Site to address contaminated groundwater impacting the nearby public water supply. The Stanton Cleaners Site was added to the National Priorities List (NPL) on May 17, 1999.

A remediation system was subsequently installed at the Site, which includes groundwater extraction and treatment (GWE&T), soil vapor extraction (SVE), and air sparging. Three extraction wells are associated with the GWE&T system and are equipped with submersible pumps. The extracted groundwater is treated through a 2,000-pound liquid phase granular activated carbon (GAC) vessel prior to discharge to the storm sewer. The SVE system consists of six extraction wells connected to a blower and knockout tank. The extracted vapor is treated through a 3,000-pound vapor phase GAC vessel prior to discharge to the atmosphere. An air sparge system was installed using a compressor to provide sparge air to the screened interval in two wells. Use of the air sparge system was discontinued in December 2014.

In 2020, modifications to the SVE system were completed. The treatment system was expanded to include the installation of two horizontal SVE (hSVE-1 and hSVE-2) wells beneath the former Stanton Cleaners building and the boiler room building to enhance mass removal from the subsurface.

Per NYSDEC approval, the GWE&T system was shut down in February 2022, as the concentrations of volatile organic compounds (VOCs) in the influent samples were consistently below their Technical and Operational Guidance Series (TOGS) values.

In January 2024, as approved by the NYSDEC, the groundwater sampling frequency was changed from semi-annually to every fifteen months, starting from the July 2023 groundwater sampling event.

2.3 Site Cleanup Objectives

On-going remedial actions are being implemented to restore the impacted media (soil, soil vapor, and groundwater) to pre-disposal conditions. The closure criterion will ultimately be determined by

the NYSDEC based on the future monitoring data. The standards, criteria, and guidance (SCGs) currently used for the various media being sampled at the Site are summarized below.

- Soil – NYSDEC Environmental Conservation Law (ECL) 6 New York Code of Rules and Regulations (NYCRR) Part 375-6: Remedial Program Soil Cleanup Objectives (SCOs).
- Groundwater – NYSDEC TOGS 1.1.1. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.
- Soil Vapor – New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion (SVI) in the State of New York.

3.0 OPERATIONS AND MAINTENANCE PROGRAM

The O&M program for the Stanton Cleaners Area Superfund Site includes the following:

- Monthly inspections of the SVE system
 - SVE operations temporarily suspended November 2024 to April 2025 as a rebound study.
- Quarterly sampling of SVE system influent and effluent
 - SVE operations temporarily suspended November 2024 to April 2025 as a rebound study.
- Monthly inspections of the GWE&T system (operations discontinued in March 2022)
- System discharge point to city sewer sampled and analyzed for compliance with state pollution discharge elimination system (SPDES) Equivalency Parameters (discontinued in December 2021; the GWE&T system has been shut down since March 2022).

HRP assumed O&M and sampling responsibilities for the Site in January 2021. Notes related to system issues are included in **Section 5.0** of this report. HRP performs the monthly, quarterly, and annual sampling activities at the Site as well as monitoring the day-to-day active remediation system. HRP prepares daily reports during each visit to the Site that summarize Site activities for that day. The daily reports are included in **Appendix A**.

3.1 Groundwater Extraction and Treatment System Operations and Maintenance

The GWE&T was shut down following the February 2022 O&M event, as approved by the NYSDEC, and is expected to remain off until further notice. The locations of the extraction wells are depicted on **Figure 2**.

GWE&T System Annual SPDES Sampling

Annual SPDES sampling of the GWE&T system was not completed during this quarter, and no further sampling of the effluent is planned since the GWE&T system has been shut down.

3.2 Soil Vapor Extraction System Operations and Maintenance

Monitoring of the SVE system is performed on a monthly basis when the system is operational. Monitoring includes the field analysis of the following parameters: VOCs, carbon monoxide, oxygen, lower explosive limit, hydrogen sulfide, air velocity (cubic feet per minute (cfm)), temperature, relative humidity, dew point, and vacuum pressure. Originally, the following locations were monitored: SVE-Influent, Post-Blower-Pre-Carbon, EPA-SVE-1 (shallow), EPA-SVE-1 (medium), EPA-SVE-2 (shallow), EPA-SVE-2 (medium), SS-A, SVE-3A, SVE-3B, SVE-1 Combined, SVE-2 Combined, hSVE-1, hSVE-2, and background.

Following system optimization performed in May to June 2022 and the installation of a variable frequency drive (VFD) in November 2022, the monthly SVE operations and monitoring was reduced to the following locations:

- SVE-Influent (pre-treatment)
- Post-Blower (pre-treatment)
- SVE-2 Combined
- SS-3A
- hSVE-1
- hSVE-2
- Background

Due to asymptotic recovery, the SVE system was shut down on November 20, 2024, for a rebound study. An SVI investigation was conducted in February 2025, and following receipt of the SVI analytical data, the SVE system was restarted on April 29, 2025.

Monitoring of the SVE system occurred monthly during the second quarter of 2024 on April 29, May 22, and June 24, 2025. Monthly monitoring logs are included in **Appendix B**.

Samples SVE_INF and SVE_EFF were collected from the influent and effluent, respectively, via Summa Canisters and analyzed for VOCs by TO-15, monthly, on April 29, May 22, and June 24, 2025. Concentrations of PCE were detected in the influent sample (SVE_INF) at 15,700 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in April, 34.1 $\mu\text{g}/\text{m}^3$ in May, and 3,830 in June. PCE was detected in the effluent sample (SVE_EFF) at a concentration of 10.8 $\mu\text{g}/\text{m}^3$ in June. Concentrations of TCE were detected in the influent sample at 1,280 $\mu\text{g}/\text{m}^3$, 1.84 $\mu\text{g}/\text{m}^3$, and 175 $\mu\text{g}/\text{m}^3$, in April, May, and June, respectively. Several non-chlorinated VOCs were detected in the effluent samples. The following compounds were additionally detected in the samples including: 1,2-trichloroethane, 1,2-dichloropropane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, cyclohexane, cis-1,2-dichloroethane, carbon tetrachloride, chloromethane, dichlorodifluoromethane, ethanol, ethylbenzene, methyl isobutyl ketone, m&p-xylene, o-xylene, styrene, methyl tert butyl ether, vinyl acetate, toluene, trichlorofluoromethane, and vinyl chloride. Laboratory sample results are included on **Table 1**. The laboratory analytical reports are included in **Appendix C**.

Photoionization detector (PID) readings are collected at each influent leg of the SVE system during each monthly visit. The PID readings at hSVE-1 ranged between 0.0 ppm and 0.3 ppm; hSVE-2

ranged between 0.0 to 37.0 ppm; PID readings at SVE-3A were not able to be collected due to moisture buildup in the piping. The readings are recorded on each of the monthly monitoring logs.

The PID readings at the SVE system effluent during each monthly visit were recorded at 16.5, 6.5, and 13.7 ppm, respectively, as recorded on the monthly monitoring logs.

The VelociCalc® meter recorded a flow rate of approximately 20.24 cfm at the SVE influent in April, 19.32 cfm in May, and 17.95 cfm in June 2025. Based on the data available, approximately 2.12 pounds (lb) of chlorinated VOCs (consisting primarily of PCE, TCE, and cis-1,2-DCE) were removed by the SVE system during this reporting period. The VOC mass removal for the second quarter of 2025 is summarized in **Table 2**.

4.0 **MONITORING PROGRAM**

The monitoring program for the Stanton Cleaners Area Superfund Site includes the following:

- Quarterly O&M reports.
- Monthly gauging of sixteen monitoring wells for water level (discontinued in April 2023; **Section 4.1**).
- Groundwater sampling of the well network (conducted every fifteen months, starting July 2023) for analysis of VOCs via EPA Method 624.1, per- and poly-fluoroalkyl substances (PFAS) via Method 1633, and 1,4-dioxane via method 8270.
- Annual SVI sampling at the LIHA (January).
- Monitoring of the WAGNN supply well (discontinued following shutdown of the GWE&T system in 2022).

4.1 **Plume Perimeter Monitoring**

Monthly gauging was discontinued following the April 2023 O&M event since the gauging activities were conducted to monitor the inactive GWE&T system.

The locations and number of wells monitored were previously determined by the EPA based on the 2014 *Final Capture Zone Analysis Report*. **Figure 3** depicts the network of monitoring wells.

4.2 **Groundwater Monitoring Well Repairs**

No well repairs were conducted during the second quarter of 2025.

4.3 **Groundwater Sampling**

The next routine groundwater sampling event is scheduled for January 2026. **Table 3** summarizes the groundwater monitoring schedule.

4.4 Indoor Air Quality Sampling

Annual indoor air sampling at the LIHA was not conducted during the second quarter of 2025. The next annual indoor air sampling is scheduled for January 2026.

4.5 Water Authority of Great Neck North Public Supply Well Monitoring

Monitoring of the WAGNN public supply well was not conducted and has been discontinued until further notice.

4.6 Fire Safety Inspection Tasks

Monthly fire inspections and emergency lighting testing were completed during the April, May, and June Site inspections. All fire safety items are addressed, inspection forms are maintained at the site, and copies are included in **Appendix D**.

5.0 MAINTENANCE ISSUES AND RECOMMENDED SOLUTIONS

Several O&M issues were identified when HRP assumed O&M responsibilities in January 2021. The following lists items that HRP has worked on during the reporting period or is working to address in 2025:

- Based on discussions with NYSDEC and NYSDOH, the GWE&T system was shut down in the first quarter of 2022; therefore, no repairs will be performed to address issues previously identified with the GWE&T system.
- Fire safety inspections are performed monthly. The fire extinguishers annual inspection was completed in June 2025.
- There was no other maintenance issues identified during the reporting period.

Maintenance issues and recommended solutions are part of ongoing O&M of the remediation systems in 2025.

6.0 FUTURE ACTIVITIES

Future maintenance and monitoring activities at the Site includes the following:

- Remedial system optimization and engineering assessments.
- Continuance of monthly fire inspections.
- The next groundwater sampling is scheduled to be completed in January 2026.
- The next LIHA IA sampling event is scheduled to be completed in January 2026.

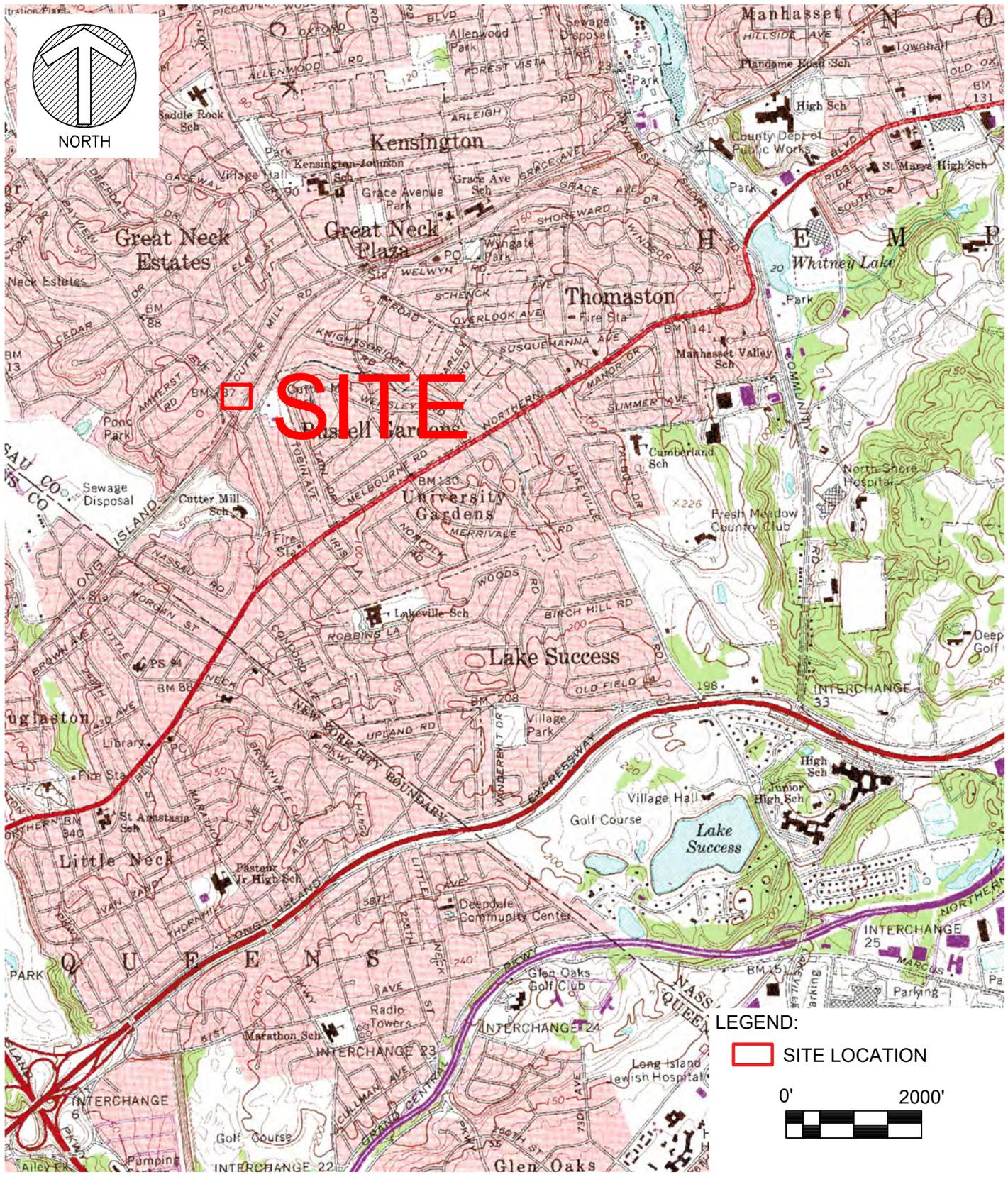
7.0 PROGRESS TOWARD CLEANUP OBJECTIVES

Based on review of O&M field notes and laboratory analysis of SVE-Influent samples analyzed by the laboratory, the SVE system removed approximately 2.12 lbs of VOCs consisting primarily of PCE. The total cost of system O&M during this quarter was \$11,375 (Tasks 3 through 6 of the WA). A cost per pound of vapor phase VOC removal is provided below.

Quarterly Cost Summary					
Period	Quarterly O&M Cost	VOC Mass Removed by SVE (lb)	VOC Mass Removed by GWE&T (lb)	Total VOC Mass Removed (lb)	Cost per Pound of VOC Removal
4/1/2025 through 6/31/2025	\$11,375	2.12	NA	2.12	\$5,366

Based on the laboratory data from SVE system influent and the PID readings at the SVE system during each monthly visit, the SVE system continues to recover VOC mass from the subsurface, and the system will be continued to be evaluated for optimization actions through the third quarter of 2025 to maximize mass recovery.

FIGURES



SITE LOCATION MAP



STANTON CLEANERS
 110 CUTTER MILL ROAD
 GREAT NECK, NEW YORK 11021

1" = 2000'

SCALE:

05/13/2020

ISSUE DATE:

DEC1003.OM

PROJECT NUMBER:

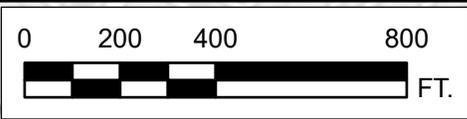
FIGURE

1

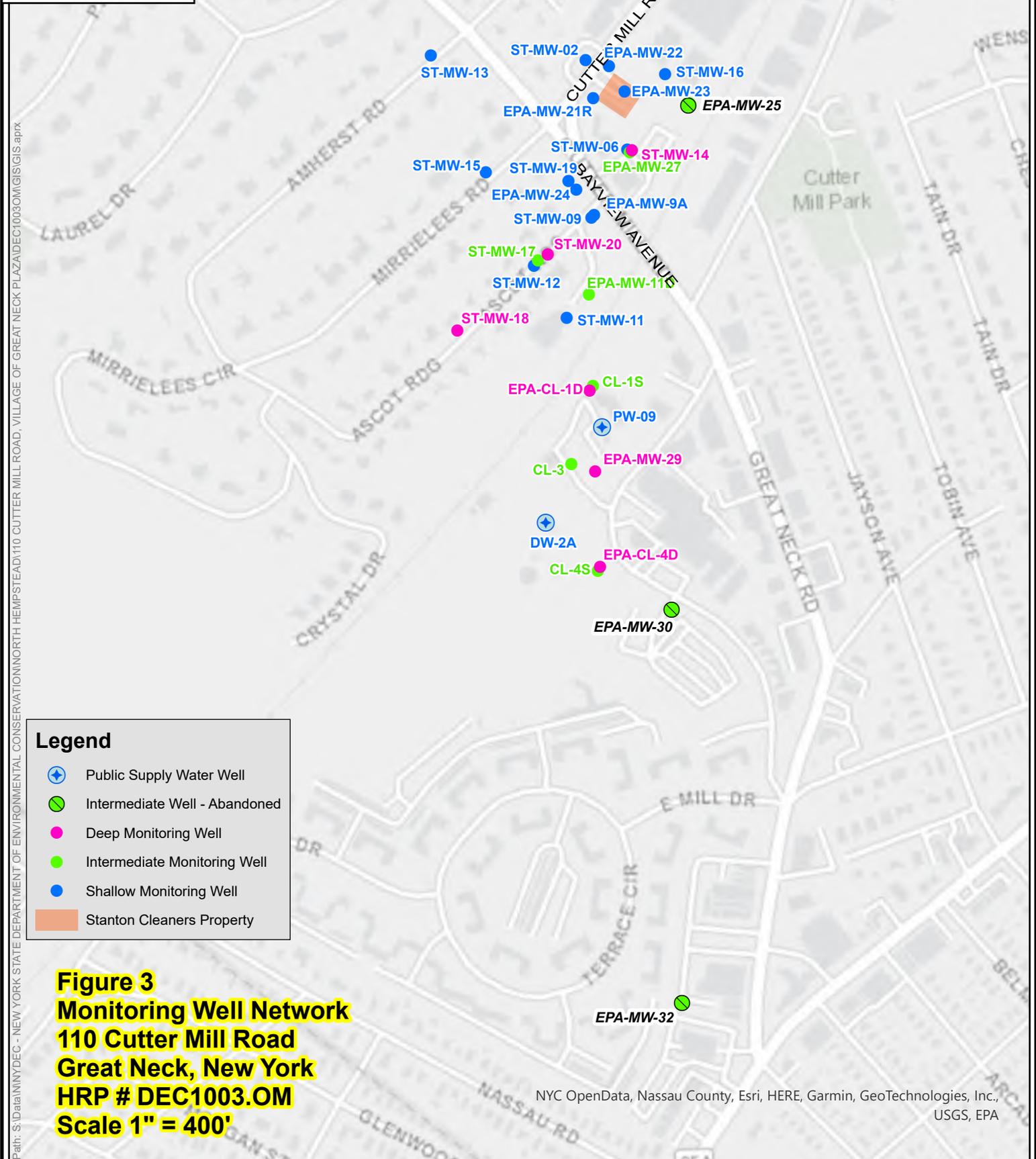


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Legend

- Public Supply Water Well
- Intermediate Well - Abandoned
- Deep Monitoring Well
- Intermediate Monitoring Well
- Shallow Monitoring Well
- Stanton Cleaners Property

Figure 3
Monitoring Well Network
110 Cutter Mill Road
Great Neck, New York
HRP # DEC1003.OM
Scale 1" = 400'

TABLES

Table 1: SVE System Analytical Results
 Stanton Cleaners - NYSDEC Site # 130072
 110 Cutter Mill Road, Great Neck, NY

ID:	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF	SVE-INF	SVE-EFF
Date Collected:	04/29/2025	04/29/2025	05/22/2025	05/22/2025	06/24/2025	06/24/2025
Lab Report No:	L2526544	L2526544	L2532959	L2532959	L2540300	L2540300
Sample Type:	N	N	N	N	N	N
Parameter	Units					
Gases						
1,1,1-Trichloroethane	ug/m3	2.34 J	< 0.109	< 0.109	< 0.109	< 0.109
1,1,2,2-Tetrachloroethane	ug/m3	< 4.53	< 0.137	< 0.137	< 0.137	< 0.137
1,1,2-Trichloroethane	ug/m3	< 3.6	< 0.109	< 0.109	< 0.109	< 0.109
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/m3	< 12.6	0.184 J	0.828	0.115 J	< 6.67 0.184 J
1,1-Dichloroethane	ug/m3	< 2.67	< 0.081	< 0.081	< 0.081	< 1.41
1,1-Dichloroethane	ug/m3	< 2.61	< 0.079	0.103	< 0.079	< 1.38 0.559
1,2,4-Trichlorobenzene	ug/m3	< 12.2	< 0.371	< 0.371	< 0.371	< 6.46
1,2,4-Trimethylbenzene	ug/m3	< 3.24	0.32	0.059 J	0.31	1.03 J
1,2-Dibromoethane (EDB) (ethylene dibromide)	ug/m3	< 5.06	< 0.154	< 0.154	< 0.154	< 2.67
1,2-Dichlorobenzene	ug/m3	< 3.96	< 0.12	< 0.12	< 0.12	< 2.09
1,2-Dichloroethane	ug/m3	< 2.67	< 0.081	0.077 J	< 0.081	< 1.41
1,2-Dichloropropane	ug/m3	< 3.05	< 0.092	< 0.092	< 0.092	< 1.61
1,2-Dichlorotetrafluoroethane (Freon 114)	ug/m3	< 11.5	< 0.349	0.133 J	0.084 J	< 6.08 0.238 J
1,3,5-Trimethylbenzene	ug/m3	< 3.24	0.123	< 0.098	0.084 J	< 1.71 0.241
1,3-Dichlorobenzene	ug/m3	< 3.96	< 0.12	< 0.12	< 0.12	< 2.09
1,4-Dichlorobenzene	ug/m3	< 3.96	< 0.12	< 0.12	< 0.12	< 2.09
1,4-Dioxane	ug/m3	< 11.9	< 0.36	< 0.36	< 0.36	< 6.27 0.259 J
2,2,4-Trimethylpentane	ug/m3	< 30.8	0.257 J	1.67	0.285 J	3.01 J
2-Butanone (MEK)	ug/m3	< 48.7	0.687 J	5.37	0.731 J	< 25.7 1.73
Benzene	ug/m3	< 10.5	0.131 J	0.188 J	0.102 J	< 5.56 0.115 J
Benzyl chloride	ug/m3	< 17	< 0.518	< 0.518	< 0.518	< 9.01
Bromodichloromethane	ug/m3	< 4.41	< 0.134	< 0.134	< 0.134	< 2.33
Bromoform	ug/m3	< 6.81	< 0.207	< 0.207	< 0.207	< 3.6
Bromomethane	ug/m3	< 2.56	< 0.078	0.051 J	< 0.078	< 1.35 0.043 J
Carbon tetrachloride	ug/m3	< 4.15	0.176	0.472	< 0.126	< 2.19 0.088 J
Chlorobenzene	ug/m3	< 15.2	< 0.461	< 0.461	< 0.461	< 8.01
Chloroethane	ug/m3	< 8.68	< 0.264	< 0.264	< 0.264	< 4.59
Chloroform	ug/m3	< 3.22	0.059 J	0.093 J	0.078 J	< 1.7 0.122
Chloromethane	ug/m3	< 13.6	0.599	1.46	0.981	< 7.19 1.43
cis-1,2-Dichloroethene	ug/m3	1050	2.71	0.959	9.79	100
cis-1,3-Dichloropropene	ug/m3	< 2.99	< 0.091	< 0.091	< 0.091	< 1.58
Cyclohexane	ug/m3	< 22.7	1.47	1.06	1.8	< 12 6.82
Dibromochloromethane	ug/m3	< 5.61	< 0.17	< 0.17	< 0.17	< 2.96
Dichlorodifluoromethane	ug/m3	< 32.6	1.62	2.09	1.31	< 17.2 2.7
Ethanol	ug/m3	< 311	22.2	13.6	96.3	65.4 J
Ethylbenzene	ug/m3	< 2.86	0.109	< 0.087	0.152	0.83 J
Heptane	ug/m3	< 27	< 0.82	0.197 J	< 0.82	< 14.3 0.258 J
Hexachloro-1,3-butadiene	ug/m3	< 17.6	< 0.533	< 0.533	< 0.533	< 9.28
Hexane	ug/m3	< 23.2	18.6	0.624 J	2.01	< 12.3 7.26
m,p-Xylene	ug/m3	< 5.73	0.439	0.113 J	0.391	2.65 J
Methyl isobutyl ketone (MIBK)	ug/m3	< 67.6	< 2.05	< 2.05	< 2.05	< 35.7
Methylene chloride	ug/m3	< 57.3	0.393 J	0.594 J	0.427 J	< 30.2 0.799 J
Methyltertbutyl ether	ug/m3	< 23.8	< 0.721	< 0.721	< 0.721	< 12.5
Naphthalene	ug/m3	< 8.65	< 0.262	< 0.262	0.43	< 4.56 0.178 J
o-Xylene	ug/m3	< 2.86	0.269	0.052 J	0.213	1.13 J
Styrene	ug/m3	< 2.81	0.115	< 0.085	0.094	< 1.48 0.251
tert-Butanol	ug/m3	< 50	19.8	< 1.52	22.9	< 26.4 42.7
Tetrachloroethene	ug/m3	15700	25.3	34.1	0.149	3830
Toluene	ug/m3	2.11 J	0.58	0.328 J	0.577	5.95 J
trans-1,2-Dichloroethene	ug/m3	23.2	0.083	< 0.079	0.206	1.38
trans-1,3-Dichloropropene	ug/m3	< 2.99	< 0.091	< 0.091	< 0.091	< 1.58
Trichloroethene	ug/m3	1280	1.86	1.84	< 0.107	175
Trichlorofluoromethane	ug/m3	< 9.27	0.815	1.46	1.48	1.76 J
Vinyl chloride	ug/m3	< 1.68	0.031 J	< 0.051	< 0.051	< 0.89 0.026 J

Legend	
<1	Parameter not detected above the laboratory reporting limit
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion

Notes:
 D = Reported result is a diluted result
 E = Reported result is estimated, value reported over verified calibration range
 J = Value is estimated
 NYSDOH = New York Department of Health
 NP = not promulgated/ no applicable action level
 U = Reported result is non-detected at the reporting limit
 NA = Not analyzed
 ug/m3 = micrograms per cubic meter

**Table 2: Soil Vapor Extraction System
Summary of VOC Mass Removal
Stanton Cleaners - NYSDEC Site # 130072
110 Cutter Mill Road, Great Neck, NY**

Sample Date	Period (Days)	PCE Concentration (mg/m ³)	TCE Concentration (mg/m ³)	cis-1,2-DCE Concentration (mg/m ³)	Flowrate (cfm)	Ave. PCE Concentration (mg/m ³)	PCE Discharge (lbs)	Ave. TCE Concentration (mg/m ³)	TCE Discharge (lbs)	Ave. cis-1,2-DCE Concentration (mg/m ³)	cis-1,2-DCE Discharge (lbs)	Cumulative VOC Mass Removed (lbs)
3/20/2020	1	34.00	0.410	0.40	189	17.00	0.29	0.21	0.00	0.20	0.00	0
6/3/2020	75	10.00	0.280	0.40	189	22.00	28.03	0.35	0.44	0.40	0.00	28.47
9/1/2020	90	12.00	0.390	0.32	189	11.00	16.82	0.34	0.51	0.36	0.00	45.81
12/7/2020	97	5.30	0.160	0.15	186	8.65	14.03	0.28	0.45	0.235	0.00	60.28
12/24/2020	17	5.30	0.160	0.15	186	5.30	1.51	0.16	0.05	0.150	0.00	61.84
SVE Temporarily Shut Down												
3/18/2021	1	0.00	0.022	0.000	186	0.00	0.00	0.01	0.00	0.075	0.00	61.84
6/30/2021	104	0.20	0.006	0.007	21.8	0.10	0.02	0.01	0.00	0.003	0.00	61.86
9/28/2021	90	1.00	0.047	0.044	20.07	0.60	0.10	0.03	0.00	0.03	0.00	61.96
12/20/2021	83	0.00	0.000	0.000	7.20	0.50	0.03	0.02	0.00	0.02	0.00	61.99
3/31/2022	101	5.80	0.170	0.170	23.36	2.90	0.62	0.09	0.02	0.09	0.00	62.62
4/26/2022	26	3.10	0.140	0.150	23.77	4.45	0.25	0.16	0.01	0.16	0.00	62.88
5/26/2022	30	3.50	0.120	0.120	20.78	3.30	0.18	0.13	0.01	0.14	0.00	63.07
6/22/2022	27	2.20	0.097	0.089	27.30	2.85	0.19	0.11	0.01	0.10	0.00	63.27
7/28/2022	36	12.00	0.360	0.260	21.48	7.10	0.49	0.23	0.02	0.17	0.00	63.78
10/25/2022	89	0.099	0.029	0.083	20.74	6.05	1.00	0.19	0.03	0.17	0.00	64.81
11/29/2022	35	0.56	0.070	0.095	21.19	0.33	0.02	0.05	0.00	0.09	0.00	64.84
12/19/2022	20	0.16	0.038	0.100	17.85	0.36	0.01	0.05	0.00	0.09	0.00	64.85
1/5/2023	17	0.44	0.037	0.074	22.04	0.30	0.01	0.04	0.00	0.17	0.00	64.86
2/15/2023	41	5.90	0.170	0.250	18.34	3.17	0.21	0.10	0.01	0.16	0.00	65.08
5/26/2023	100	7.10	0.200	0.150	15.60	6.50	0.91	0.19	0.03	0.20	0.00	66.02
8/29/2023	95	18.00	0.370	0.220	21.01	12.55	2.25	0.29	0.05	0.19	0.00	68.32
10/26/2023	58	29.00	0.470	0.270	22.25	23.50	2.73	0.42	0.05	0.25	0.00	71.10
1/26/2024	92	0.04	0.040	0.140	21.81	14.52	2.62	0.26	0.05	0.21	0.00	73.76
4/30/2024	95	3.80	0.200	0.160	22.06	1.92	0.36	0.12	0.02	0.15	0.00	74.15
6/26/2024	57	0.67	0.045	0.046	17.03	2.24	0.20	0.12	0.01	0.10	0.00	74.35
8/28/2024	63	5.50	0.260	0.210	19.18	3.09	0.34	0.15	0.02	0.13	0.00	74.71
10/23/2024	56	8.07	0.822	0.412	18.02	6.79	0.62	0.54	0.05	0.31	0.00	75.37
SVE Temporarily Shut Down												
4/29/2025	188	15.70	1.280	1.050	20.24	11.89	4.07	1.05	0.36	0.73	0.00	79.80
5/22/2025	23	34.10	1.840	0.959	19.32	24.90	0.99	1.56	0.06	1.00	0.00	80.85
6/24/2025	33	3.83	0.175	0.100	17.95	18.97	1.01	1.01	0.05	0.53	0.00	81.92

Notes:

PCE = Tetrachloroethylene

TCE = Trichloroethylene

Cis-1,2-DCE = cis-1,2-dichloroethylene

cfm = cubic feet per minute

ave. = average

lbs = pounds

mg/m³ = milligrams per cubic meter

SVE system was shut down between 12/24/20 and 3/18/21

SVE system was shut down between 11/04/22 and 11/29/22 for carbon replacement

SVE system was shut down between 10/3/23 and 10/26/23 due to a broken SVE discharge line

SVE system was shut down between 11/20/25 and 4/29/25 due to asymptotic recovery trends, restarted in April following Soil Vapor Intrusion and Indoor Air Investigation Results

Table 3
Well Monitoring Schedule
Stanton Cleaners Area Superfund Site
110 Cutter Mill Road, Great Neck, NY

Well ID	Groundwater Gauging (15 month cycle)	Groundwater Sampling (15 month cycle)
EPA-MW-9A	X	X
EPA-MW-11D	X	X
EPA-MW-21R	X	X
EPA-MW-23	X	X
EPA-MW-26	X	X
EPA-MW-27	X	X
ST-MW-11	X	X
ST-MW-12	X	X
ST-MW-13	X	X
ST-MW-14	X	X
ST-MW-15	X	X
ST-MW-16	X	X
ST-MW-17	X	X
ST-MW-18	X	X
ST-MW-19	X	X
ST-MW-20	X	X

Notes: Groundwater sampling schedule changed to a 15 month cycle starting July 2023

APPENDIX A

Daily Operations and Maintenance Reports

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 04/29/25

Interaction with Public, Property Owners, Media, etc.

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 04/29/25

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 04/29/25

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 04/29/25

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 04/29/25

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 05/22/25

Interaction with Public, Property Owners, Media, etc.

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 05/22/25

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 05/22/25

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 05/22/25

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. _____ (Site Name) - NYSDEC Site No. 130072

Date: 05/22/25

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above:		
<ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 06/24/25

Interaction with Public, Property Owners, Media, etc.

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 06/24/25

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 06/24/25

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 06/24/25

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 06/24/25

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above: <ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

APPENDIX B

SVE System Operations and Maintenance Reports

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

4/29/25
Date: ~~2/29/22~~
HRP #: DSC 1603 OM

	Pipe ID	FID		MultiRae				VelociCalc				
		VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709		3.4					61.8	18	46.2	39.9	20.24
Post-Blower Pre-Carbon*	5.706		16.5					66.0	0.538	74.6	39.7	103.25
EPA-SVE-1 (shallow)	1.913											
EPA-SVE-1 (medium)	1.913											
EPA-SVE-2 (shallow)	1.913											
EPA-SVE-2 (medium)	1.913											
SS-A	1.913											
SVE-3A	1.913			multi-Trace					15			
SVE-3B	1.913											
SVE-1 Combined	1.913											
SVE-2 Combined	1.913		2.1					59.3	10	45.5	37.8	96.71
hSVE-1			0.3					57.7	14	51.6	37.3	3.39
hSVE-2			37					56.8	14	52.9	36.2	39.79
Background	N/A							63				

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1		
SVE-2		
SVE-3		
SVE-4		
EPA-SVE-04R/SSB(A)		
SS-A		
SS-B(B)		
SS-B(C)		
L1		
L2		
hSVE-1		
hSVE-2		

Restart SVE system @ 6:05 AM
43.4 RH 39.8 pp background
sample SVE INF 7:05 -
SVE eff 7:00 -

Equipment Calibrated by: _____ Air Readings Collected by: _____

FID - Flame Ionization Detector
CO - Carbon Monoxide
LEL - Lower Explosive Limit
VOC - Volatile Organic Compounds
H2S - Hydrogen Sulfide

Temperature - degrees F
Vacuum Pressure - inches/H2O
%RH - Relative Humidity
Dew Point - degrees F
Flow - cubic feet per minute (CFM)

*SVE-Effluent relabeled as "Post-Blower Pre-Carbon"

44 Hz
23"

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

Date: ~~2/29/21~~ 4-29-25
HRP #: DSC 1603 OR

	Pipe ID	MultiRae						VelociCalc				
		FID VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709		3.4									
Post-Blower Pre-Carbon*	5.706		16.5						18			
EPA-SVE-1 (shallow)	1.913								0.55%			
EPA-SVE-1 (medium)	1.913											
EPA-SVE-2 (shallow)	1.913											
EPA-SVE-2 (medium)	1.913											
SS-A	1.913											
SVE-3A	1.913				Moisture				15			
SVE-3B	1.913				Moisture				15			
SVE-1 Combined	1.913											
SVE-2 Combined	1.913		2.1									
hSVE-1			0.3					59.3	10	45.5	37.8	96.71
hSVE-2			37.0					57.7	17	51.6	37.3	3.39
Background	N/A		0.0					56.8	17	52.9	36.2	38.77
										43.4	39.8	

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1	closed	closed
SVE-2	open	open
SVE-3	open	open
SVE-4	closed	closed
EPA SVE-04R/SSB(A)		
SS-A		
SS-B(B)		
SS-B(C)		
L1		
L2		
hSVE-1	open	open
hSVE-2	open	open

Restart SVE system at 6:05am
44Hz
23" at SVE blower
bleed slightly open
0.0 ppm Effluent - PID

Equipment Calibrated by: OJA Air Readings Collected by: OJA

- FID - Flame Ionization Detector
- CO - Carbon Monoxide
- LEL - Lower Explosive Limit
- VOC - Volatile Organic Compounds
- H2S - Hydrogen Sulfide
- Temperature - degrees F
- Vacuum Pressure - inches/H2O
- %RH - Relative Humidity
- Dew Point - degrees F
- Flow - cubic feet per minute (CFM)

*SVE-Effluent relabeled as "Post-Blower Pre-Carbon"

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

Date: 5-22-25
HRP #: 0001003 BA

Pipe ID	FID		MultiRae					VelociCalc				
	VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow	
SVE-Influent	5.709	0.0					58.1	15	57.6	42.7	19.32	
Post-Blower Pre-Carbon*	5.706	6.5					56.2	0.526	59.3	43.6	89.09	
EPA-SVE-1 (shallow)	1.913											
EPA-SVE-1 (medium)	1.913											
EPA-SVE-2 (shallow)	1.913											
EPA-SVE-2 (medium)	1.913											
SS-A	1.913											
SVE-3A	1.913	moisture						16				
SVE-3B	1.913											
SVE-1 Combined	1.913											
SVE-2 Combined	1.913	0.2					54.2	16	58.0	46.0	101.20	
hSVE-1		0.0					56	15	57.5	44.0	2.92	
hSVE-2		18.5					54.7	16	59.3	42.6	24.00	
Background	N/A	0.0					52		71	49.3		

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1	closed	closed
SVE-2	open	open
SVE-3	open	open
SVE-4	closed	closed
EPA-SVE-04R/SSB(A)		
SS-A		
SS-B(B)		
SS-B(C)		
L1		
L2		
hSVE-1	open	open
hSVE-2	open	open

4/4/27 system on upon arrival
27" at SVE blower
bleed slightly open
0.0 ppm effluent
sample both wf & eff.

Equipment Calibrated by: OTA Air Readings Collected by: OTA

FID - Flame Ionization Detector
CO - Carbon Monoxide
LEL - Lower Explosive Limit
VOC - Volatile Organic Compounds
H2S - Hydrogen Sulfide

Temperature - degrees F
Vacuum Pressure - inches/H2O
%RH - Relative Humidity
Dew Point - degrees F
Flow - cubic feet per minute (CFM)

*SVE-Effluent relabeled as "Post-Blower Pre-Carbon"

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

Date: 6.24.25
HRP #: DEC1002012

Pipe ID	FID	MultiRae					VelociCalc					
		VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709	0.0	0.0					87.0	18"	67.4	75.4	17.95
Post-Blower Pre-Carbon*	5.706	13.7						85.3	0.574	66.8	73.1	95.30
EPA-SVE-1 (shallow)	1.913											
EPA-SVE-1 (medium)	1.913											
EPA-SVE-2 (shallow)	1.913											
EPA-SVE-2 (medium)	1.913											
SS-A	1.913											
SVE-3A	1.913	Moisture					16"					
SVE-3B	1.913											
SVE-1 Combined	1.913											
SVE-2 Combined	1.913	0.0						87.0	16"	73.4	64.8	102.29
hSVE-1		0.0						82.7	15"	67.3	76.7	3.70
hSVE-2		0.0						82.7	16"	66.5	75.6	25.20
Background	N/A	0.0						77		89.2	73.4	

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1	closed	closed
SVE-2	open	open
SVE-3	open	open
SVE-4	closed	closed
EPA-SVE-04R/SSB(A)		
SS-A		
SS-B(B)		
SS-B(C)		
L1		
L2		
hSVE-1	open	open
hSVE-2	open	open

44 H2 system on upon arrival
27" at SVE blower
bleed slightly open
0.0 ppm effluent

Equipment Calibrated by: OJA Air Readings Collected by: OJA

- FID - Flame Ionization Detector
- CO - Carbon Monoxide
- LEL - Lower Explosive Limit
- VOC - Volatile Organic Compounds
- H2S - Hydrogen Sulfide
- Temperature - degrees F
- Vacuum Pressure - inches/H2O
- %RH - Relative Humidity
- Dew Point - degrees F
- Flow - cubic feet per minute (CFM)

*SVE-Effluent relabeled as "Post-Blower Pre-Carbon"

APPENDIX C

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2526544
Client:	NYDEC_HRP Associates Inc. 1 Fairchild Square, Suite 110 Clifton Park, NY 12065
ATTN:	Derek Roy
Phone:	(518) 877-7101
Project Name:	STANTON CLEANERS
Project Number:	CO 152021/S 130072
Report Date:	05/14/25

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.

Certifications & Approvals: NH ELAP (2249).

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



Project Name: STANTON CLEANERS
Project Number: CO 152021/S 130072

Lab Number: L2526544
Report Date: 05/14/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2526544-01	SVE-INF	SOIL_VAPOR	122 CUTTER MILL ROAD, GREAT NECK, NY	04/29/25 07:20	04/30/25
L2526544-02	SVE-EFF	SOIL_VAPOR	122 CUTTER MILL ROAD, GREAT NECK, NY	04/29/25 07:30	04/30/25

Project Name: STANTON CLEANERS
Project Number: CO 152021/S 130072

Lab Number: L2526544
Report Date: 05/14/25

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: STANTON CLEANERS
Project Number: CO 152021/S 130072

Lab Number: L2526544
Report Date: 05/14/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on April 18, 2025. The canister certification data is provided as an addendum.

Report Submission

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

L2526544-01D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2526544-01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 05/14/25

AIR

Project Name: STANTON CLEANERS
Project Number: CO 152021/S 130072

Lab Number: L2526544
Report Date: 05/14/25

SAMPLE RESULTS

Lab ID: L2526544-01 D
 Client ID: SVE-INF
 Sample Location: 122 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 04/29/25 07:20
 Date Received: 04/30/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 06:51
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	6.59	1.64	ND	32.6	8.11		32.94
Chloromethane	ND	6.59	2.49	ND	13.6	5.14		32.94
Freon-114	ND	1.65	0.211	ND	11.5	1.47		32.94
Vinyl chloride	ND	0.659	0.290	ND	1.68	0.741		32.94
Bromomethane	ND	0.659	0.310	ND	2.56	1.20		32.94
Chloroethane	ND	3.29	1.30	ND	8.68	3.43		32.94
Ethanol	ND	165	44.5	ND	311	83.8		32.94
Trichlorofluoromethane	ND	1.65	0.303	ND	9.27	1.70		32.94
1,1-Dichloroethene	ND	0.659	0.254	ND	2.61	1.01		32.94
Tert-Butyl Alcohol	ND	16.5	4.41	ND	50.0	13.4		32.94
Methylene chloride	ND	16.5	3.62	ND	57.3	12.6		32.94
Freon-113	ND	1.65	0.273	ND	12.6	2.09		32.94
trans-1,2-Dichloroethene	5.86	0.659	0.296	23.2	2.61	1.17		32.94
1,1-Dichloroethane	ND	0.659	0.283	ND	2.67	1.15		32.94
Methyl tert butyl ether	ND	6.59	0.860	ND	23.8	3.10		32.94
2-Butanone	ND	16.5	4.35	ND	48.7	12.8		32.94
cis-1,2-Dichloroethene	266	0.659	0.336	1050	2.61	1.33		32.94
Chloroform	ND	0.659	0.234	ND	3.22	1.14		32.94
1,2-Dichloroethane	ND	0.659	0.273	ND	2.67	1.10		32.94
n-Hexane	ND	6.59	1.55	ND	23.2	5.46		32.94
1,1,1-Trichloroethane	0.428	0.659	0.194	2.34	3.60	1.06	J	32.94
Benzene	ND	3.29	0.982	ND	10.5	3.14		32.94
Carbon tetrachloride	ND	0.659	0.362	ND	4.15	2.28		32.94



Project Name: STANTON CLEANERS**Lab Number:** L2526544**Project Number:** CO 152021/S 130072**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2526544-01 D
 Client ID: SVE-INF
 Sample Location: 122 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 04/29/25 07:20
 Date Received: 04/30/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	ND	6.59	1.03	ND	22.7	3.55		32.94
1,2-Dichloropropane	ND	0.659	0.273	ND	3.05	1.26		32.94
Bromodichloromethane	ND	0.659	0.244	ND	4.41	1.63		32.94
1,4-Dioxane	ND	3.29	1.13	ND	11.9	4.07		32.94
Trichloroethene	239	0.659	0.198	1280	3.54	1.06		32.94
2,2,4-Trimethylpentane	ND	6.59	1.22	ND	30.8	5.70		32.94
Heptane	ND	6.59	1.03	ND	27.0	4.22		32.94
cis-1,3-Dichloropropene	ND	0.659	0.389	ND	2.99	1.77		32.94
4-Methyl-2-pentanone	ND	16.5	6.29	ND	67.6	25.8		32.94
trans-1,3-Dichloropropene	ND	0.659	0.379	ND	2.99	1.72		32.94
1,1,2-Trichloroethane	ND	0.659	0.320	ND	3.60	1.75		32.94
Toluene	0.560	3.29	0.547	2.11	12.4	2.06	J	32.94
Dibromochloromethane	ND	0.659	0.264	ND	5.61	2.25		32.94
1,2-Dibromoethane	ND	0.659	0.300	ND	5.06	2.31		32.94
Tetrachloroethene	2130	0.659	0.244	14400	4.47	1.65	E	32.94
Chlorobenzene	ND	3.29	0.850	ND	15.2	3.91		32.94
Ethylbenzene	ND	0.659	0.280	ND	2.86	1.22		32.94
p/m-Xylene	ND	1.32	0.593	ND	5.73	2.58		32.94
Bromoform	ND	0.659	0.366	ND	6.81	3.78		32.94
Styrene	ND	0.659	0.260	ND	2.81	1.11		32.94
1,1,2,2-Tetrachloroethane	ND	0.659	0.221	ND	4.53	1.52		32.94
o-Xylene	ND	0.659	0.286	ND	2.86	1.24		32.94
1,3,5-Trimethylbenzene	ND	0.659	0.316	ND	3.24	1.55		32.94
1,2,4-Trimethylbenzene	ND	0.659	0.250	ND	3.24	1.23		32.94
Benzyl chloride	ND	3.29	1.09	ND	17.0	5.64		32.94
1,3-Dichlorobenzene	ND	0.659	0.254	ND	3.96	1.53		32.94



Project Name: STANTON CLEANERS**Lab Number:** L2526544**Project Number:** CO 152021/S 130072**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2526544-01 D
 Client ID: SVE-INF
 Sample Location: 122 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 04/29/25 07:20
 Date Received: 04/30/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.659	0.247	ND	3.96	1.49		32.94
1,2-Dichlorobenzene	ND	0.659	0.204	ND	3.96	1.23		32.94
1,2,4-Trichlorobenzene	ND	1.65	0.481	ND	12.2	3.57		32.94
Naphthalene	ND	1.65	0.692	ND	8.65	3.63		32.94
Hexachlorobutadiene	ND	1.65	0.362	ND	17.6	3.86		32.94

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	84		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	85		60-140



Project Name: STANTON CLEANERS**Lab Number:** L2526544**Project Number:** CO 152021/S 130072**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2526544-01 D2
 Client ID: SVE-INF
 Sample Location: 122 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 04/29/25 07:20
 Date Received: 04/30/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 09:50
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Tetrachloroethene	2320	1.32	0.487	15700	8.95	3.30		65.79

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	86		60-140



Project Name: STANTON CLEANERS**Lab Number:** L2526544**Project Number:** CO 152021/S 130072**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2526544-02
 Client ID: SVE-EFF
 Sample Location: 122 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 04/29/25 07:30
 Date Received: 04/30/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/13/25 06:16
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.328	0.200	0.050	1.62	0.989	0.247		1
Chloromethane	0.290	0.200	0.076	0.599	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	0.012	0.020	0.009	0.031	0.051	0.023	J	1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	11.8	5.00	1.35	22.2	9.42	2.54		1
Trichlorofluoromethane	0.145	0.050	0.009	0.815	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	6.53	0.500	0.134	19.8	1.52	0.406		1
Methylene chloride	0.113	0.500	0.110	0.393	1.74	0.382	J	1
Freon-113	0.024	0.050	0.008	0.184	0.383	0.064	J	1
trans-1,2-Dichloroethene	0.021	0.020	0.009	0.083	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.233	0.500	0.132	0.687	1.47	0.389	J	1
cis-1,2-Dichloroethene	0.683	0.020	0.010	2.71	0.079	0.040		1
Chloroform	0.012	0.020	0.007	0.059	0.098	0.035	J	1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
n-Hexane	5.27	0.200	0.047	18.6	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.041	0.100	0.030	0.131	0.319	0.095	J	1
Carbon tetrachloride	0.028	0.020	0.011	0.176	0.126	0.069		1



Project Name: STANTON CLEANERS**Lab Number:** L2526544**Project Number:** CO 152021/S 130072**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2526544-02
 Client ID: SVE-EFF
 Sample Location: 122 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 04/29/25 07:30
 Date Received: 04/30/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.428	0.200	0.031	1.47	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	0.347	0.020	0.006	1.86	0.107	0.032		1
2,2,4-Trimethylpentane	0.055	0.200	0.037	0.257	0.934	0.173	J	1
Heptane	ND	0.200	0.031	ND	0.820	0.128		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.154	0.100	0.017	0.580	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	3.73	0.020	0.007	25.3	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.025	0.020	0.009	0.109	0.087	0.037		1
p/m-Xylene	0.101	0.040	0.018	0.439	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.027	0.020	0.008	0.115	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.062	0.020	0.009	0.269	0.087	0.038		1
1,3,5-Trimethylbenzene	0.025	0.020	0.010	0.123	0.098	0.047		1
1,2,4-Trimethylbenzene	0.065	0.020	0.008	0.320	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1



Project Name: STANTON CLEANERS**Lab Number:** L2526544**Project Number:** CO 152021/S 130072**Report Date:** 05/14/25**SAMPLE RESULTS**

Lab ID: L2526544-02

Date Collected: 04/29/25 07:30

Client ID: SVE-EFF

Date Received: 04/30/25

Sample Location: 122 CUTTER MILL ROAD, GREAT NECK, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	81		60-140
bromochloromethane	82		60-140
chlorobenzene-d5	90		60-140



Project Name: STANTON CLEANERS

Lab Number: L2526544

Project Number: CO 152021/S 130072

Report Date: 05/14/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 05/12/25 15:23

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): 01-02 Batch: WG2065633-4								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	ND	5.00	1.35	ND	9.42	2.54		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
n-Hexane	ND	0.200	0.047	ND	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1
Cyclohexane	ND	0.200	0.031	ND	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1



Project Name: STANTON CLEANERS

Lab Number: L2526544

Project Number: CO 152021/S 130072

Report Date: 05/14/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 05/12/25 15:23

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): 01-02 Batch: WG2065633-4								
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173		1
Heptane	ND	0.200	0.031	ND	0.820	0.128		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1



Project Name: STANTON CLEANERS

Lab Number: L2526544

Project Number: CO 152021/S 130072

Report Date: 05/14/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 05/12/25 15:23

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): 01-02 Batch: WG2065633-4								
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: STANTON CLEANERS

Lab Number: L2526544

Project Number: CO 152021/S 130072

Report Date: 05/14/25

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): 01-02 Batch: WG2065633-3								
Dichlorodifluoromethane	115		-		70-130	-		25
Chloromethane	82		-		70-130	-		25
Freon-114	120		-		70-130	-		25
Vinyl chloride	97		-		70-130	-		25
Bromomethane	122		-		70-130	-		25
Chloroethane	97		-		70-130	-		25
Ethanol	80		-		40-160	-		25
Trichlorofluoromethane	122		-		70-130	-		25
1,1-Dichloroethene	102		-		70-130	-		25
Tert-Butyl Alcohol ¹	103		-		70-130	-		25
Methylene chloride	94		-		70-130	-		25
Freon-113	111		-		70-130	-		25
trans-1,2-Dichloroethene	92		-		70-130	-		25
1,1-Dichloroethane	93		-		70-130	-		25
Methyl tert butyl ether	97		-		70-130	-		25
2-Butanone	82		-		70-130	-		25
cis-1,2-Dichloroethene	90		-		70-130	-		25
Chloroform	107		-		70-130	-		25
1,2-Dichloroethane	102		-		70-130	-		25
n-Hexane	78		-		70-130	-		25
1,1,1-Trichloroethane	100		-		70-130	-		25
Benzene	79		-		70-130	-		25
Carbon tetrachloride	102		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: STANTON CLEANERS

Lab Number: L2526544

Project Number: CO 152021/S 130072

Report Date: 05/14/25

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): 01-02 Batch: WG2065633-3								
Cyclohexane	73		-		70-130	-		25
1,2-Dichloropropane	74		-		70-130	-		25
Bromodichloromethane	94		-		70-130	-		25
1,4-Dioxane	85		-		70-130	-		25
Trichloroethene	96		-		70-130	-		25
2,2,4-Trimethylpentane	80		-		70-130	-		25
Heptane	73		-		70-130	-		25
cis-1,3-Dichloropropene	82		-		70-130	-		25
4-Methyl-2-pentanone	73		-		70-130	-		25
trans-1,3-Dichloropropene	90		-		70-130	-		25
1,1,2-Trichloroethane	88		-		70-130	-		25
Toluene	95		-		70-130	-		25
Dibromochloromethane	118		-		70-130	-		25
1,2-Dibromoethane	102		-		70-130	-		25
Tetrachloroethene	112		-		70-130	-		25
Chlorobenzene	100		-		70-130	-		25
Ethylbenzene	93		-		70-130	-		25
p/m-Xylene	99		-		70-130	-		25
Bromoform	127		-		70-130	-		25
Styrene	98		-		70-130	-		25
1,1,2,2-Tetrachloroethane	98		-		70-130	-		25
o-Xylene	99		-		70-130	-		25
1,3,5-Trimethylbenzene	105		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: STANTON CLEANERS

Lab Number: L2526544

Project Number: CO 152021/S 130072

Report Date: 05/14/25

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): 01-02 Batch: WG2065633-3								
1,2,4-Trimethylbenzene	108		-		70-130	-		25
Benzyl chloride	86		-		70-130	-		25
1,3-Dichlorobenzene	110		-		70-130	-		25
1,4-Dichlorobenzene	110		-		70-130	-		25
1,2-Dichlorobenzene	111		-		70-130	-		25
1,2,4-Trichlorobenzene	96		-		70-130	-		25
Naphthalene	94		-		70-130	-		25
Hexachlorobutadiene	119		-		70-130	-		25

Project Name: STANTON CLEANERS

Project Number: CO 152021/S 130072

Serial_No:05142515:53
Lab Number: L2526544

Report Date: 05/14/25

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
L2526544-01	SVE-INF	02473	SV200	04/18/25	515320		-	-	-	Pass	229	223	3
L2526544-01	SVE-INF	4967	6.0L Can	04/18/25	515320	L2507653-05	Pass	-29.2	-8.2	-	-	-	-
L2526544-02	SVE-EFF	02623	SV20	04/18/25	515320		-	-	-	Pass	220	218	1
L2526544-02	SVE-EFF	1975	6.0L Can	04/18/25	515320	L2522188-08	Pass	-29.2	-7.7	-	-	-	-



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

Lab Number: L2507653
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2507653-05
 Client ID: CAN 1998 SHELF 58
 Sample Location:

Date Collected: 02/11/25 18:00
 Date Received: 02/12/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 02/12/25 22:33
 Analyst: KJD

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



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

Lab Number: L2507653
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2507653-05
 Client ID: CAN 1998 SHELF 58
 Sample Location:

Date Collected: 02/11/25 18:00
 Date Received: 02/12/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2507653
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2507653-05
 Client ID: CAN 1998 SHELF 58
 Sample Location:

Date Collected: 02/11/25 18:00
 Date Received: 02/12/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2507653
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2507653-05
 Client ID: CAN 1998 SHELF 58
 Sample Location:

Date Collected: 02/11/25 18:00
 Date Received: 02/12/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1



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

Lab Number: L2507653
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2507653-05
 Client ID: CAN 1998 SHELF 58
 Sample Location:

Date Collected: 02/11/25 18:00
 Date Received: 02/12/25
 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	95		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140



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

Lab Number: L2507653
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2507653-05
 Client ID: CAN 1998 SHELF 58
 Sample Location:

Date Collected: 02/11/25 18:00
 Date Received: 02/12/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/12/25 22:33
 Analyst: KJD

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



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

Lab Number: L2507653
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2507653-05
 Client ID: CAN 1998 SHELF 58
 Sample Location:

Date Collected: 02/11/25 18:00
 Date Received: 02/12/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2507653
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2507653-05
 Client ID: CAN 1998 SHELF 58
 Sample Location:

Date Collected: 02/11/25 18:00
 Date Received: 02/12/25
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/15/25 03:11
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	14.0	5.00	3.03	18.3	6.55	3.97	B	1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 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								
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 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								
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 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								
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 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								

Tentatively Identified Compounds	Results	Qualifier	Units	RDL	Dilution Factor
	Unknown	3.2	J	ppbV	
Unknown	1.3	J	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	115		60-140
Bromochloromethane	120		60-140
chlorobenzene-d5	112		60-140



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/17/25 01:06
 Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/15/25 03:11
 Analyst: KJD

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



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2522188
Report Date: 05/14/25

Air Canister Certification Results

Lab ID: L2522188-08
 Client ID: CAN 2103 SHELF 43
 Sample Location:

Date Collected: 04/11/25 10:00
 Date Received: 04/11/25
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	118		60-140
bromochloromethane	123		60-140
chlorobenzene-d5	115		60-140



Project Name: STANTON CLEANERS**Lab Number:** L2526544**Project Number:** CO 152021/S 130072**Report Date:** 05/14/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2526544-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)
L2526544-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)

Project Name: STANTON CLEANERS
Project Number: CO 152021/S 130072

Lab Number: L2526544
Report Date: 05/14/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: STANTON CLEANERS
Project Number: CO 152021/S 130072

Lab Number: L2526544
Report Date: 05/14/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: STANTON CLEANERS
Project Number: CO 152021/S 130072

Lab Number: L2526544
Report Date: 05/14/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

Project Name: STANTON CLEANERS
Project Number: CO 152021/S 130072

Lab Number: L2526544
Report Date: 05/14/25

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.



Certification Information

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

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.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

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

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

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, SM4500Cl-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-D, 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, EPA 1600, EPA 1603, SM9222D.

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME 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, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

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

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



ANALYTICAL REPORT

Lab Number:	L2532959
Client:	NYDEC_HRP Associates Inc. 197 Scott Swamp Road Farmington, CT 06032
ATTN:	Payson Long
Phone:	(860) 674-9570
Project Name:	NYSDEC
Project Number:	DEC 1003OM TASK 3
Report Date:	06/09/25

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Certifications & Approvals: NH ELAP (2249).

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



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2532959-01	SVE-INF	SOIL_VAPOR	110 CUTTER MILL ROAD, GREAT NECK, NY	05/22/25 07:12	05/23/25
L2532959-02	SVE-EFF	SOIL_VAPOR	110 CUTTER MILL ROAD, GREAT NECK, NY	05/22/25 07:09	05/23/25

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

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: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 13, 2025. The canister certification data is provided as an addendum.

Report Submission

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

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:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 06/09/25

AIR

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

SAMPLE RESULTS

Lab ID: L2532959-01
 Client ID: SVE-INF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 05/22/25 07:12
 Date Received: 05/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/06/25 01:51
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.422	0.200	0.050	2.09	0.989	0.247		1
Chloromethane	0.706	0.200	0.076	1.46	0.413	0.156		1
Freon-114	0.019	0.050	0.006	0.133	0.349	0.045	J	1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	0.013	0.020	0.009	0.051	0.078	0.037	J	1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	7.20	5.00	1.35	13.6	9.42	2.54		1
Trichlorofluoromethane	0.259	0.050	0.009	1.46	0.281	0.052		1
1,1-Dichloroethene	0.026	0.020	0.008	0.103	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	0.171	0.500	0.110	0.594	1.74	0.382	J	1
Freon-113	0.108	0.050	0.008	0.828	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	1.82	0.500	0.132	5.37	1.47	0.389		1
cis-1,2-Dichloroethene	0.242	0.020	0.010	0.959	0.079	0.040		1
Chloroform	0.019	0.020	0.007	0.093	0.098	0.035	J	1
1,2-Dichloroethane	0.019	0.020	0.008	0.077	0.081	0.034	J	1
n-Hexane	0.177	0.200	0.047	0.624	0.705	0.166	J	1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.059	0.100	0.030	0.188	0.319	0.095	J	1
Carbon tetrachloride	0.075	0.020	0.011	0.472	0.126	0.069		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

SAMPLE RESULTS

Lab ID: L2532959-01
 Client ID: SVE-INF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 05/22/25 07:12
 Date Received: 05/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.307	0.200	0.031	1.06	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	0.342	0.020	0.006	1.84	0.107	0.032		1
2,2,4-Trimethylpentane	0.357	0.200	0.037	1.67	0.934	0.173		1
Heptane	0.048	0.200	0.031	0.197	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.087	0.100	0.017	0.328	0.377	0.063	J	1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	5.03	0.020	0.007	34.1	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	0.026	0.040	0.018	0.113	0.174	0.078	J	1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.012	0.020	0.009	0.052	0.087	0.038	J	1
1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	0.012	0.020	0.008	0.059	0.098	0.037	J	1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

SAMPLE RESULTS

Lab ID: L2532959-01
 Client ID: SVE-INF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 05/22/25 07:12
 Date Received: 05/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	77		60-140
bromochloromethane	80		60-140
chlorobenzene-d5	90		60-140



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

SAMPLE RESULTS

Lab ID: L2532959-02
 Client ID: SVE-EFF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 05/22/25 07:09
 Date Received: 05/23/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/06/25 00:47
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.264	0.200	0.050	1.31	0.989	0.247		1
Chloromethane	0.475	0.200	0.076	0.981	0.413	0.156		1
Freon-114	0.012	0.050	0.006	0.084	0.349	0.045	J	1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	51.1	5.00	1.35	96.3	9.42	2.54		1
Trichlorofluoromethane	0.263	0.050	0.009	1.48	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	7.55	0.500	0.134	22.9	1.52	0.406		1
Methylene chloride	0.123	0.500	0.110	0.427	1.74	0.382	J	1
Freon-113	0.015	0.050	0.008	0.115	0.383	0.064	J	1
trans-1,2-Dichloroethene	0.052	0.020	0.009	0.206	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.248	0.500	0.132	0.731	1.47	0.389	J	1
cis-1,2-Dichloroethene	2.47	0.020	0.010	9.79	0.079	0.040		1
Chloroform	0.016	0.020	0.007	0.078	0.098	0.035	J	1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
n-Hexane	0.569	0.200	0.047	2.01	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.032	0.100	0.030	0.102	0.319	0.095	J	1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

SAMPLE RESULTS

Lab ID: L2532959-02
 Client ID: SVE-EFF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 05/22/25 07:09
 Date Received: 05/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	0.523	0.200	0.031	1.80	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	0.061	0.200	0.037	0.285	0.934	0.173	J	1
Heptane	ND	0.200	0.031	ND	0.820	0.128		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.153	0.100	0.017	0.577	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	0.022	0.020	0.007	0.149	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.035	0.020	0.009	0.152	0.087	0.037		1
p/m-Xylene	0.090	0.040	0.018	0.391	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.022	0.020	0.008	0.094	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.049	0.020	0.009	0.213	0.087	0.038		1
1,3,5-Trimethylbenzene	0.017	0.020	0.010	0.084	0.098	0.047	J	1
1,2,4-Trimethylbenzene	0.063	0.020	0.008	0.310	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

SAMPLE RESULTS

Lab ID: L2532959-02
 Client ID: SVE-EFF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 05/22/25 07:09
 Date Received: 05/23/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	0.082	0.050	0.021	0.430	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	76		60-140
bromochloromethane	78		60-140
chlorobenzene-d5	91		60-140



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 06/05/25 16:22

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): 01-02 Batch: WG2075477-4								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	ND	5.00	1.35	ND	9.42	2.54		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
n-Hexane	ND	0.200	0.047	ND	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1
Cyclohexane	ND	0.200	0.031	ND	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 06/05/25 16:22

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): 01-02 Batch: WG2075477-4								
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173		1
Heptane	ND	0.200	0.031	ND	0.820	0.128		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 06/05/25 16:22

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): 01-02 Batch: WG2075477-4								
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

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): 01-02 Batch: WG2075477-3								
Dichlorodifluoromethane	84		-		70-130	-		25
Chloromethane	80		-		70-130	-		25
Freon-114	102		-		70-130	-		25
Vinyl chloride	106		-		70-130	-		25
Bromomethane	105		-		70-130	-		25
Chloroethane	106		-		70-130	-		25
Ethanol	92		-		40-160	-		25
Trichlorofluoromethane	95		-		70-130	-		25
1,1-Dichloroethene	97		-		70-130	-		25
Tert-Butyl Alcohol ¹	88		-		70-130	-		25
Methylene chloride	109		-		70-130	-		25
Freon-113	91		-		70-130	-		25
trans-1,2-Dichloroethene	92		-		70-130	-		25
1,1-Dichloroethane	93		-		70-130	-		25
Methyl tert butyl ether	91		-		70-130	-		25
2-Butanone	98		-		70-130	-		25
cis-1,2-Dichloroethene	92		-		70-130	-		25
Chloroform	93		-		70-130	-		25
1,2-Dichloroethane	91		-		70-130	-		25
n-Hexane	118		-		70-130	-		25
1,1,1-Trichloroethane	105		-		70-130	-		25
Benzene	103		-		70-130	-		25
Carbon tetrachloride	103		-		70-130	-		25

Lab Control Sample Analysis Batch Quality Control

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

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): 01-02 Batch: WG2075477-3								
Cyclohexane	103		-		70-130	-		25
1,2-Dichloropropane	107		-		70-130	-		25
Bromodichloromethane	114		-		70-130	-		25
1,4-Dioxane	105		-		70-130	-		25
Trichloroethene	93		-		70-130	-		25
2,2,4-Trimethylpentane	112		-		70-130	-		25
Heptane	109		-		70-130	-		25
cis-1,3-Dichloropropene	96		-		70-130	-		25
4-Methyl-2-pentanone	97		-		70-130	-		25
trans-1,3-Dichloropropene	106		-		70-130	-		25
1,1,2-Trichloroethane	91		-		70-130	-		25
Toluene	86		-		70-130	-		25
Dibromochloromethane	91		-		70-130	-		25
1,2-Dibromoethane	88		-		70-130	-		25
Tetrachloroethene	75		-		70-130	-		25
Chlorobenzene	84		-		70-130	-		25
Ethylbenzene	84		-		70-130	-		25
p/m-Xylene	88		-		70-130	-		25
Bromoform	88		-		70-130	-		25
Styrene	85		-		70-130	-		25
1,1,2,2-Tetrachloroethane	95		-		70-130	-		25
o-Xylene	88		-		70-130	-		25
1,3,5-Trimethylbenzene	87		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

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): 01-02 Batch: WG2075477-3								
1,2,4-Trimethylbenzene	89		-		70-130	-		25
Benzyl chloride	73		-		70-130	-		25
1,3-Dichlorobenzene	89		-		70-130	-		25
1,4-Dichlorobenzene	85		-		70-130	-		25
1,2-Dichlorobenzene	85		-		70-130	-		25
1,2,4-Trichlorobenzene	77		-		70-130	-		25
Naphthalene	72		-		70-130	-		25
Hexachlorobutadiene	75		-		70-130	-		25

Project Name: NYSDEC

Serial_No:06092517:54
Lab Number: L2532959

Project Number: DEC 1003OM TASK 3

Report Date: 06/09/25

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
L2532959-01	SVE-INF	01314	SV200	05/13/25	519813		-	-	-	Pass	216	210	3
L2532959-01	SVE-INF	5504	6.0L TO Can	05/13/25	519813	L2528445-03	Pass	-29.9	-8.4	-	-	-	-
L2532959-02	SVE-EFF	02502	SV200	05/13/25	519813		-	-	-	Pass	224	220	2
L2532959-02	SVE-EFF	4992	6.0L Can	05/13/25	519813	L2528445-03	Pass	-29.9	-7.5	-	-	-	-

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

Lab Number: L2528445
Report Date: 06/09/25

Air Canister Certification Results

Lab ID: L2528445-03
 Client ID: CAN 1570 SHELF 42
 Sample Location:

Date Collected: 05/07/25 15:00
 Date Received: 05/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/08/25 18:38
 Analyst: JFI

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



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

Lab Number: L2528445
Report Date: 06/09/25

Air Canister Certification Results

Lab ID: L2528445-03
 Client ID: CAN 1570 SHELF 42
 Sample Location:

Date Collected: 05/07/25 15:00
 Date Received: 05/08/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2528445
Report Date: 06/09/25

Air Canister Certification Results

Lab ID: L2528445-03
 Client ID: CAN 1570 SHELF 42
 Sample Location:

Date Collected: 05/07/25 15:00
 Date Received: 05/08/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2528445
Report Date: 06/09/25

Air Canister Certification Results

Lab ID: L2528445-03
 Client ID: CAN 1570 SHELF 42
 Sample Location:

Date Collected: 05/07/25 15:00
 Date Received: 05/08/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1



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

Lab Number: L2528445
Report Date: 06/09/25

Air Canister Certification Results

Lab ID: L2528445-03
 Client ID: CAN 1570 SHELF 42
 Sample Location:

Date Collected: 05/07/25 15:00
 Date Received: 05/08/25
 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	97		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	98		60-140



Project Name: BATCH CANISTER CERTIFICATION
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Lab Number: L2528445
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Air Canister Certification Results

Lab ID: L2528445-03
 Client ID: CAN 1570 SHELF 42
 Sample Location:

Date Collected: 05/07/25 15:00
 Date Received: 05/08/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/08/25 18:38
 Analyst: JMB

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



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

Lab Number: L2528445
Report Date: 06/09/25

Air Canister Certification Results

Lab ID: L2528445-03
 Client ID: CAN 1570 SHELF 42
 Sample Location:

Date Collected: 05/07/25 15:00
 Date Received: 05/08/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2528445
Report Date: 06/09/25

Air Canister Certification Results

Lab ID: L2528445-03
 Client ID: CAN 1570 SHELF 42
 Sample Location:

Date Collected: 05/07/25 15:00
 Date Received: 05/08/25
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140



Project Name: NYSDEC**Lab Number:** L2532959**Project Number:** DEC 1003OM TASK 3**Report Date:** 06/09/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2532959-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)
L2532959-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2532959
Report Date: 06/09/25

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.



Certification Information

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

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.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

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

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

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, SM4500Cl-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-D, 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, EPA 1600, EPA 1603, SM9222D.

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME 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, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

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

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



ANALYTICAL REPORT

Lab Number:	L2540300
Client:	NYDEC_HRP Associates Inc. 197 Scott Swamp Road Farmington, CT 06032
ATTN:	Payson Long
Phone:	(860) 674-9570
Project Name:	NYSDEC
Project Number:	DEC 1003OM TASK 3
Report Date:	07/15/25

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Certifications & Approvals: NH ELAP (2249).

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



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2540300-01	SVE INF	SOIL_VAPOR	110 CUTTER MILL ROAD, GREAT NECK, NY	06/24/25 07:03	06/26/25
L2540300-02	SVE EFF	SOIL_VAPOR	110 CUTTER MILL ROAD, GREAT NECK, NY	06/24/25 07:00	06/26/25

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

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: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 12, 2025. The canister certification data is provided as an addendum.

Report Submission

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

L2540300-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 07/15/25

AIR

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2540300-01 D
 Client ID: SVE INF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 06/24/25 07:03
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/13/25 20:24
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	3.48	0.868	ND	17.2	4.29		17.4
Chloromethane	ND	3.48	1.32	ND	7.19	2.73		17.4
Freon-114	ND	0.870	0.111	ND	6.08	0.776		17.4
Vinyl chloride	ND	0.348	0.153	ND	0.890	0.391		17.4
Bromomethane	ND	0.348	0.164	ND	1.35	0.637		17.4
Chloroethane	ND	1.74	0.687	ND	4.59	1.81		17.4
Ethanol	34.7	87.0	23.5	65.4	164	44.3	J	17.4
Trichlorofluoromethane	0.313	0.870	0.160	1.76	4.89	0.899	J	17.4
1,1-Dichloroethene	ND	0.348	0.134	ND	1.38	0.531		17.4
Tert-Butyl Alcohol	ND	8.70	2.33	ND	26.4	7.06		17.4
Methylene chloride	ND	8.70	1.91	ND	30.2	6.64		17.4
Freon-113	ND	0.870	0.144	ND	6.67	1.10		17.4
trans-1,2-Dichloroethene	0.348	0.348	0.157	1.38	1.38	0.622		17.4
1,1-Dichloroethane	ND	0.348	0.150	ND	1.41	0.607		17.4
Methyl tert butyl ether	ND	3.48	0.454	ND	12.5	1.64		17.4
2-Butanone	ND	8.70	2.30	ND	25.7	6.78		17.4
cis-1,2-Dichloroethene	25.3	0.348	0.177	100	1.38	0.702		17.4
Chloroform	ND	0.348	0.124	ND	1.70	0.606		17.4
1,2-Dichloroethane	ND	0.348	0.144	ND	1.41	0.583		17.4
n-Hexane	ND	3.48	0.820	ND	12.3	2.89		17.4
1,1,1-Trichloroethane	ND	0.348	0.103	ND	1.90	0.562		17.4
Benzene	ND	1.74	0.518	ND	5.56	1.65		17.4
Carbon tetrachloride	ND	0.348	0.191	ND	2.19	1.20		17.4



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2540300-01 D
 Client ID: SVE INF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 06/24/25 07:03
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	ND	3.48	0.545	ND	12.0	1.88		17.4
1,2-Dichloropropane	ND	0.348	0.144	ND	1.61	0.666		17.4
Bromodichloromethane	ND	0.348	0.129	ND	2.33	0.864		17.4
1,4-Dioxane	ND	1.74	0.598	ND	6.27	2.16		17.4
Trichloroethene	32.6	0.348	0.104	175	1.87	0.559		17.4
2,2,4-Trimethylpentane	0.644	3.48	0.644	3.01	16.3	3.01	J	17.4
Heptane	ND	3.48	0.545	ND	14.3	2.23		17.4
cis-1,3-Dichloropropene	ND	0.348	0.205	ND	1.58	0.931		17.4
4-Methyl-2-pentanone	ND	8.70	3.32	ND	35.7	13.6		17.4
trans-1,3-Dichloropropene	ND	0.348	0.200	ND	1.58	0.908		17.4
1,1,2-Trichloroethane	ND	0.348	0.169	ND	1.90	0.922		17.4
Toluene	1.58	1.74	0.289	5.95	6.56	1.09	J	17.4
Dibromochloromethane	ND	0.348	0.139	ND	2.96	1.18		17.4
1,2-Dibromoethane	ND	0.348	0.158	ND	2.67	1.21		17.4
Tetrachloroethene	565	0.348	0.129	3830	2.36	0.875		17.4
Chlorobenzene	ND	1.74	0.449	ND	8.01	2.07		17.4
Ethylbenzene	0.191	0.348	0.148	0.830	1.51	0.643	J	17.4
p/m-Xylene	0.609	0.696	0.313	2.65	3.02	1.36	J	17.4
Bromoform	ND	0.348	0.193	ND	3.60	2.00		17.4
Styrene	ND	0.348	0.137	ND	1.48	0.583		17.4
1,1,1,2-Tetrachloroethane	ND	0.348	0.116	ND	2.39	0.797		17.4
o-Xylene	0.261	0.348	0.151	1.13	1.51	0.656	J	17.4
1,3,5-Trimethylbenzene	ND	0.348	0.167	ND	1.71	0.821		17.4
1,2,4-Trimethylbenzene	0.209	0.348	0.132	1.03	1.71	0.649	J	17.4
Benzyl chloride	ND	1.74	0.578	ND	9.01	2.99		17.4
1,3-Dichlorobenzene	ND	0.348	0.134	ND	2.09	0.806		17.4



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2540300-01 D
 Client ID: SVE INF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 06/24/25 07:03
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.348	0.130	ND	2.09	0.782		17.4
1,2-Dichlorobenzene	ND	0.348	0.108	ND	2.09	0.649		17.4
1,2,4-Trichlorobenzene	ND	0.870	0.254	ND	6.46	1.89		17.4
Naphthalene	ND	0.870	0.365	ND	4.56	1.91		17.4
Hexachlorobutadiene	ND	0.870	0.191	ND	9.28	2.04		17.4

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2540300-02
 Client ID: SVE EFF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 06/24/25 07:00
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 07/13/25 20:57
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	0.547	0.200	0.050	2.70	0.989	0.247		1
Chloromethane	0.691	0.200	0.076	1.43	0.413	0.156		1
Freon-114	0.034	0.050	0.006	0.238	0.349	0.045	J	1
Vinyl chloride	0.010	0.020	0.009	0.026	0.051	0.023	J	1
Bromomethane	0.011	0.020	0.009	0.043	0.078	0.037	J	1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	37.0	5.00	1.35	69.7	9.42	2.54		1
Trichlorofluoromethane	0.791	0.050	0.009	4.45	0.281	0.052		1
1,1-Dichloroethene	0.141	0.020	0.008	0.559	0.079	0.031		1
Tert-Butyl Alcohol	14.1	0.500	0.134	42.7	1.52	0.406		1
Methylene chloride	0.230	0.500	0.110	0.799	1.74	0.382	J	1
Freon-113	0.024	0.050	0.008	0.184	0.383	0.064	J	1
trans-1,2-Dichloroethene	0.226	0.020	0.009	0.896	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	0.587	0.500	0.132	1.73	1.47	0.389		1
cis-1,2-Dichloroethene	14.0	0.020	0.010	55.5	0.079	0.040		1
Chloroform	0.025	0.020	0.007	0.122	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
n-Hexane	2.06	0.200	0.047	7.26	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	0.036	0.100	0.030	0.115	0.319	0.095	J	1
Carbon tetrachloride	0.014	0.020	0.011	0.088	0.126	0.069	J	1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2540300-02
 Client ID: SVE EFF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 06/24/25 07:00
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Cyclohexane	1.98	0.200	0.031	6.82	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	0.072	0.100	0.034	0.259	0.360	0.124	J	1
Trichloroethene	0.124	0.020	0.006	0.666	0.107	0.032		1
2,2,4-Trimethylpentane	0.418	0.200	0.037	1.95	0.934	0.173		1
Heptane	0.063	0.200	0.031	0.258	0.820	0.128	J	1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	0.335	0.100	0.017	1.26	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	1.60	0.020	0.007	10.8	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	0.044	0.020	0.009	0.191	0.087	0.037		1
p/m-Xylene	0.159	0.040	0.018	0.691	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	0.059	0.020	0.008	0.251	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	0.086	0.020	0.009	0.374	0.087	0.038		1
1,3,5-Trimethylbenzene	0.049	0.020	0.010	0.241	0.098	0.047		1
1,2,4-Trimethylbenzene	0.124	0.020	0.008	0.610	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

SAMPLE RESULTS

Lab ID: L2540300-02
 Client ID: SVE EFF
 Sample Location: 110 CUTTER MILL ROAD, GREAT NECK, NY

Date Collected: 06/24/25 07:00
 Date Received: 06/26/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	0.034	0.050	0.021	0.178	0.262	0.110	J	1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

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



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/13/25 15:17

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): 01-02 Batch: WG2090099-4								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Ethanol	ND	5.00	1.35	ND	9.42	2.54		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
n-Hexane	ND	0.200	0.047	ND	0.705	0.166		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1
Cyclohexane	ND	0.200	0.031	ND	0.688	0.108		1
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/13/25 15:17

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): 01-02 Batch: WG2090099-4								
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173		1
Heptane	ND	0.200	0.031	ND	0.820	0.128		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/13/25 15:17

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): 01-02 Batch: WG2090099-4								
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	0.023	0.050	0.021	0.121	0.262	0.110	J	1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2090099-3								
Dichlorodifluoromethane	113		-		70-130	-		25
Chloromethane	101		-		70-130	-		25
Freon-114	122		-		70-130	-		25
Vinyl chloride	108		-		70-130	-		25
Bromomethane	119		-		70-130	-		25
Chloroethane	112		-		70-130	-		25
Ethanol	86		-		40-160	-		25
Trichlorofluoromethane	124		-		70-130	-		25
1,1-Dichloroethene	123		-		70-130	-		25
Tert-Butyl Alcohol ¹	99		-		70-130	-		25
Methylene chloride	113		-		70-130	-		25
Freon-113	126		-		70-130	-		25
trans-1,2-Dichloroethene	116		-		70-130	-		25
1,1-Dichloroethane	118		-		70-130	-		25
Methyl tert butyl ether	121		-		70-130	-		25
2-Butanone	109		-		70-130	-		25
cis-1,2-Dichloroethene	110		-		70-130	-		25
Chloroform	112		-		70-130	-		25
1,2-Dichloroethane	112		-		70-130	-		25
n-Hexane	105		-		70-130	-		25
1,1,1-Trichloroethane	107		-		70-130	-		25
Benzene	100		-		70-130	-		25
Carbon tetrachloride	107		-		70-130	-		25

Lab Control Sample Analysis Batch Quality Control

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

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): 01-02 Batch: WG2090099-3								
Cyclohexane	99		-		70-130	-		25
1,2-Dichloropropane	99		-		70-130	-		25
Bromodichloromethane	107		-		70-130	-		25
1,4-Dioxane	110		-		70-130	-		25
Trichloroethene	105		-		70-130	-		25
2,2,4-Trimethylpentane	100		-		70-130	-		25
Heptane	100		-		70-130	-		25
cis-1,3-Dichloropropene	111		-		70-130	-		25
4-Methyl-2-pentanone	100		-		70-130	-		25
trans-1,3-Dichloropropene	120		-		70-130	-		25
1,1,2-Trichloroethane	107		-		70-130	-		25
Toluene	111		-		70-130	-		25
Dibromochloromethane	110		-		70-130	-		25
1,2-Dibromoethane	115		-		70-130	-		25
Tetrachloroethene	110		-		70-130	-		25
Chlorobenzene	109		-		70-130	-		25
Ethylbenzene	110		-		70-130	-		25
p/m-Xylene	111		-		70-130	-		25
Bromoform	115		-		70-130	-		25
Styrene	117		-		70-130	-		25
1,1,2,2-Tetrachloroethane	109		-		70-130	-		25
o-Xylene	111		-		70-130	-		25
1,3,5-Trimethylbenzene	121		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

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): 01-02 Batch: WG2090099-3								
1,2,4-Trimethylbenzene	118		-		70-130	-		25
Benzyl chloride	88		-		70-130	-		25
1,3-Dichlorobenzene	118		-		70-130	-		25
1,4-Dichlorobenzene	114		-		70-130	-		25
1,2-Dichlorobenzene	112		-		70-130	-		25
1,2,4-Trichlorobenzene	116		-		70-130	-		25
Naphthalene	95		-		70-130	-		25
Hexachlorobutadiene	116		-		70-130	-		25

Project Name: NYSDEC

Serial_No:07152515:45
Lab Number: L2540300

Project Number: DEC 1003OM TASK 3

Report Date: 07/15/25

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
L2540300-01	SVE INF	0669	SV200	06/12/25	524352		-	-	-	Pass	218	217	0
L2540300-01	SVE INF	774	6.0L Can	06/12/25	524352	L2532820-05	Pass	-29.6	-8.6	-	-	-	-
L2540300-02	SVE EFF	02541	SV200	06/12/25	524352		-	-	-	Pass	222	221	0
L2540300-02	SVE EFF	4525	6.0L Can	06/12/25	524352	L2532820-05	Pass	-29.6	-8.6	-	-	-	-



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

Lab Number: L2532820
Report Date: 07/15/25

Air Canister Certification Results

Lab ID: L2532820-05
 Client ID: CAN 1989 SHELF 52
 Sample Location:

Date Collected: 05/24/25 15:00
 Date Received: 05/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/27/25 19:57
 Analyst: JMB

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



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

Lab Number: L2532820
Report Date: 07/15/25

Air Canister Certification Results

Lab ID: L2532820-05
 Client ID: CAN 1989 SHELF 52
 Sample Location:

Date Collected: 05/24/25 15:00
 Date Received: 05/27/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2532820
Report Date: 07/15/25

Air Canister Certification Results

Lab ID: L2532820-05
 Client ID: CAN 1989 SHELF 52
 Sample Location:

Date Collected: 05/24/25 15:00
 Date Received: 05/27/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2532820
Report Date: 07/15/25

Air Canister Certification Results

Lab ID: L2532820-05
 Client ID: CAN 1989 SHELF 52
 Sample Location:

Date Collected: 05/24/25 15:00
 Date Received: 05/27/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1



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

Lab Number: L2532820
Report Date: 07/15/25

Air Canister Certification Results

Lab ID: L2532820-05
 Client ID: CAN 1989 SHELF 52
 Sample Location:

Date Collected: 05/24/25 15:00
 Date Received: 05/27/25
 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								

Tentatively Identified Compounds	Results	Qualifier	Units	RDL	Dilution Factor
	Cyclotrisiloxane, Hexamethyl-	1.7	NJ	ppbV	

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140



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

Lab Number: L2532820
Report Date: 07/15/25

Air Canister Certification Results

Lab ID: L2532820-05
 Client ID: CAN 1989 SHELF 52
 Sample Location:

Date Collected: 05/24/25 15:00
 Date Received: 05/27/25
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/27/25 19:57
 Analyst: JMB

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



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

Lab Number: L2532820
Report Date: 07/15/25

Air Canister Certification Results

Lab ID: L2532820-05
 Client ID: CAN 1989 SHELF 52
 Sample Location:

Date Collected: 05/24/25 15:00
 Date Received: 05/27/25
 Field Prep: Not Specified

Sample Depth:

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



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

Lab Number: L2532820
Report Date: 07/15/25

Air Canister Certification Results

Lab ID: L2532820-05
 Client ID: CAN 1989 SHELF 52
 Sample Location:

Date Collected: 05/24/25 15:00
 Date Received: 05/27/25
 Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140



Project Name: NYSDEC**Lab Number:** L2540300**Project Number:** DEC 1003OM TASK 3**Report Date:** 07/15/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2540300-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)
L2540300-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		NYDEC-TO15-SIM(30)

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

Project Name: NYSDEC
Project Number: DEC 1003OM TASK 3

Lab Number: L2540300
Report Date: 07/15/25

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.



Certification Information

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

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.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

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

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

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, SM4500Cl-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-D, 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, EPA 1600, EPA 1603, SM9222D.

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME 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, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

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

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



Sample Delivery Group Summary

Pace Job Number : L2540300

Received : 26-JUN-2025

Account Name : NYDEC_HRP Associates Inc.

Reviewer : Christopher J Anderson

Project Number : DEC 1003OM TASK 3

Project Name : NYSDEC

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

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

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 |
|--|----|

APPENDIX D

Fire Safety Reports

Fire Safety Inspection Log
 Stanton Dry Cleaners Site
 NYSDEC Site No. 130072
 110 Cutter Mill Road, Great Neck, NY

Monthly Fire Safety Inspection Items			
Item	Description	Result	
		1	Exit signs internally or externally illuminated
2	Smoke alarms tested and functioning	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
3	Water leaks/water damage observed inside building	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
4	Fire extinguishers within expiration or inspected annually	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
5	All fire extinguishers present	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
6	Electrical Breaker Panel Issues	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
7	Covers present on all junction boxes, electrical switches, and outlets	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
8	Any evidence of pests present inside building (rodents, insects, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
9	Emergency lighting tested and functioning	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Periodic System Testing and Inspection				
Item	Description	Frequency	Date Last Performed	Date Due
10	Sprinkler system testing	Annual	N/A	
11	Battery powered emergency lighting tested	Annual	12/21/24	12/21/25
12	Fire Extinguishers annual inspection	Annual	5/9/24	
13	Emergency Lighting Testing	Monthly	5/22/25	

Inspected By: *D. Adam*
 Inspection Date: *5/22/25*

Other Items Noted:

Fire Safety Inspection Log
 Stanton Dry Cleaners Site
 NYSDEC Site No. 130072
 110 Cutter Mill Road, Great Neck, NY

Monthly Fire Safety Inspection Items			
Item	Description	Result	
1	Exit signs internally or externally illuminated	Yes	No
2	Smoke alarms tested and functioning	Yes	No
3	Water leaks/water damage observed inside building	Yes	No
4	Fire extinguishers within expiration or inspected annually	Yes	No
5	All fire extinguishers present	Yes	No
6	Electrical Breaker Panel Issues	Yes	No
7	Covers present on all junction boxes, electrical switches, and outlets	Yes	No
8	Any evidence of pests present inside building (rodents, insects, etc.)	Yes	No
9	Emergency lighting tested and functioning	Yes	No

Periodic System Testing and Inspection				
Item	Description	Frequency	Date Last	Date Due
			Performed	
10	Sprinkler system testing	Annual	N/A	
11	Battery powered emergency lighting tested	Annual	12/21/25	12/21/25
12	Fire Extinguishers annual inspection	Annual	6/24/25	
13	Emergency Lighting Testing	Monthly	6/24/25	

Inspected By: *DJA*
 Inspection Date: *6/24/25*

MES on-site for annual fire extinguisher inspection

Other Items Noted: