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QUARTERLY OPERATION AND MAINTENANCE REPORT – FOURTH QUARTER 2023

STANTON CLEANERS AREA SUPERFUND SITE

110 Cutter Mill Road
Great Neck, New York

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:

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110 Cutter Mill Road
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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. The 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 fourth quarter of 2023 (October through December 2023). 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 NYSDEC detected PCE; 1,2-dichloroethene (DCE); and trichloroethene (TCE) contamination at, and downgradient of Stanton Cleaners.

On June 8, 1998, 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. 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.

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 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.
- Monthly inspections of the GWE&T system (operations discontinued in March 2022).
- Quarterly sampling of SVE system influent and effluent. Samples are analyzed for VOCs via EPA method TO-15.
- 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 the day-to-day O&M of the active remediation systems. 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 NYSDEC, and is expected to remain off until further notice. The locations of the extraction wells are depicted on **Figure 2**.

3.1.1 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

Air monitoring of the SVE system is performed on a monthly basis. 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

Monitoring of the SVE system occurred monthly during the fourth quarter of 2023 on October 26, November 29, and December 21, 2023. Monthly monitoring logs are included in **Appendix B**.

The system was shut down on October 3, 2023, following the discovery of a broken SVE discharge pipe at the exterior carbon vessel. The discharge pipe was repaired on October 26, and the system was restarted, and samples collected.

Samples SVE_INF and SVE_EFF were collected from the influent and effluent, respectively, via tedlar bags and analyzed for VOCs by TO-15 on October 26, 2023. Concentrations of PCE were detected in the influent sample (SVE_INF) at 29,000 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). PCE was detected in the effluent sample (SVE_EFF) at a concentration of 4.0 $\mu\text{g}/\text{m}^3$. Concentrations of TCE were detected in the influent sample at 470 $\mu\text{g}/\text{m}^3$ and were not detected above laboratory reporting limit (RL) in the effluent sample. Several non-chlorinated VOCs were detected in the effluent including 1,2-dichloropropane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1-ethyl-4-methylbenzene, chloromethane, benzene, cyclohexane, dichlorodifluoromethane, ethanol, ethylbenzene, m,p-xylene, o-xylene, and toluene. 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 0.1 to 36.6 ppm; hSVE-2 ranged between 3.1 to 68.2 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 0.0 ppm, as recorded on the monthly monitoring logs.

The VelociCalc® meter recorded a flow rate of approximately 22.25 cfm at the SVE influent in October, 120.7 cfm in November, and 22.78 cfm in December 2023. Based on the data available, approximately 2.78 pounds (lbs.) 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 fourth quarter of 2023 is summarized on **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, see **Section 4.1**).
- Semi-annual groundwater sampling of the well network for analysis of VOCs via EPA Method 624.1, per- and polyfluoroalkyl substances (PFAS) via Method 1633, and 1,4-dioxane via method 8270 (January and July).
- Annual SVI sampling at the LIHA (January).
- Monitoring of the WAGNN supply well (discontinued following shutdown of the GWE&T system).

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 fourth quarter of 2023.

4.3 **Groundwater Sampling**

The next routine semi-annual groundwater sampling event is scheduled for January 2024. **Table 3** summarizes the groundwater monitoring schedule.

4.4 **Indoor Air Quality Sampling**

The indoor air (IA) investigations were conducted in general accordance with the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006* (updated May 2017).

In October 2023, the Great Neck Plaza Building Department asked NYSDEC if the former Stanton Cleaners building is safe to occupy for a commercial business. To assess current IA quality, on October 26, 2023, two IA samples and one outdoor air (background) sample were collected from the former Stanton Cleaners building using 6-liter Summa® canisters, equipped with 8-hour flow controllers, and submitted to Pace Lab for the analysis of VOCs via EPA Method TO-15. Please note that the IA samples were collected when the system was shut down for approximately one month, thereby assessing IA quality with no vapor mitigation. The results are as follows.

PCE was detected in samples 1IA, 2IA, and 3OA at concentrations (12.0, 3.70, and 5.50 $\mu\text{g}/\text{m}^3$ respectively) below the NYSDOH Air Guidance Value of 30 $\mu\text{g}/\text{m}^3$. TCE was detected in sample 1IA at a concentration (0.390 $\mu\text{g}/\text{m}^3$) below the NYSDOH Air Guidance Value of 2 $\mu\text{g}/\text{m}^3$.

The following other compounds were detected in all or some of the samples: 1,2,4-trimethylbenzene, 1,3,5-trimethyl-benzene, 1,4-dichlorobenzene, 1-ethyl4-methyl-benzene, 2-hexanone, acetone, benzene, carbon tetrachloride, chloroform, chloromethane, cyclohexane, dichlorodifluoromethane, ethanol, ethyl acetate, ethylbenzene, heptane, isopropyl alcohol, m,p-xylene, naphthalene, o-xylene, propene, styrene, tetrahydrofuran, toluene, and trichlorofluoromethane. Analytical results are summarized on **Table 4**.

IA quality sampling at the LIHA was not conducted during this quarter. The next routine annual IA sampling event is scheduled for January 2024 at the LIHA.

4.5 WAGNN 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 monthly during the fourth quarter of 2023. 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 is working to address in 2023:

- 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.
- In October 2023 a broken SVE discharge line was identified and subsequently repaired. There are no ongoing maintenance tasks related to this issue.

Maintenance issues and recommended solutions are part of ongoing O&M of the remediation systems in 2023.

6.0 FUTURE ACTIVITIES

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

- Annual IA sampling at the LIHA is scheduled to be completed in January 2024.
- The next semi-annual groundwater sampling is scheduled to be completed in the January 2024.

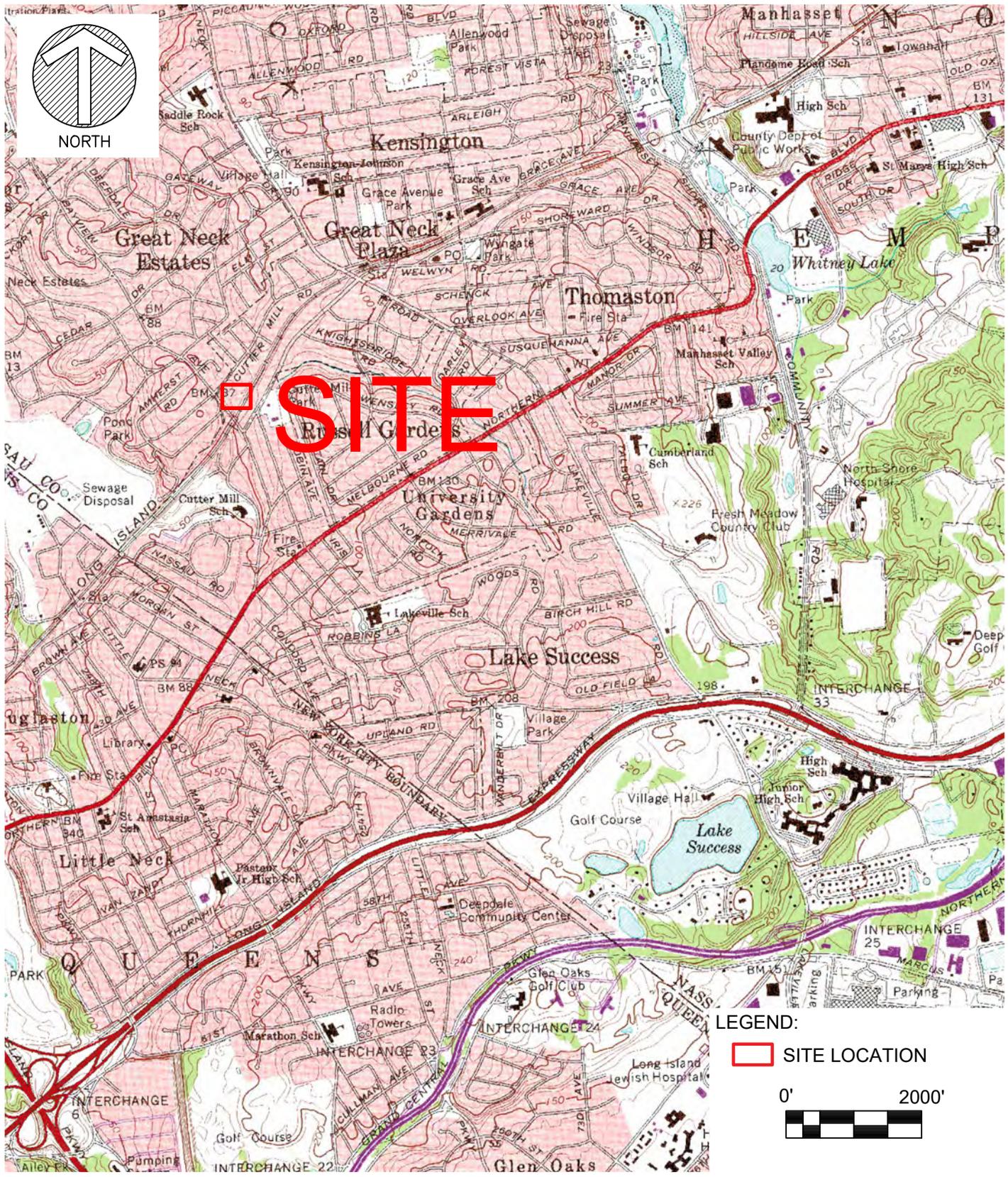
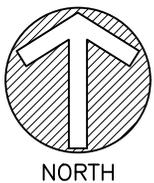
7.0 PROGRESS TOWARD CLEANUP OBJECTIVES

Based on review of O&M field notes and laboratory analysis of SVE-Influent samples analyzed by the laboratory, the SVE system removed approximately 2.78 lbs. of VOCs consisting primarily of PCE. The total cost of system O&M during this quarter was \$15,355 (Tasks 3 through 5 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 (lbs.)	VOC Mass Removed by GWE&T (lbs.)	Total VOC Mass Removed (lbs.)	Cost per Pound of VOC Removal
10/1/2023 through 12/31/2023	\$15,355	2.78	NA	2.78	\$5,523

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 first quarter of 2024 to maximize mass recovery.

FIGURES



SITE LOCATION MAP

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

SCALE: 1" = 2000'
05/13/2020
ISSUE DATE:
DEC1003.OM
PROJECT NUMBER:

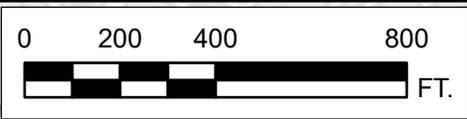
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1



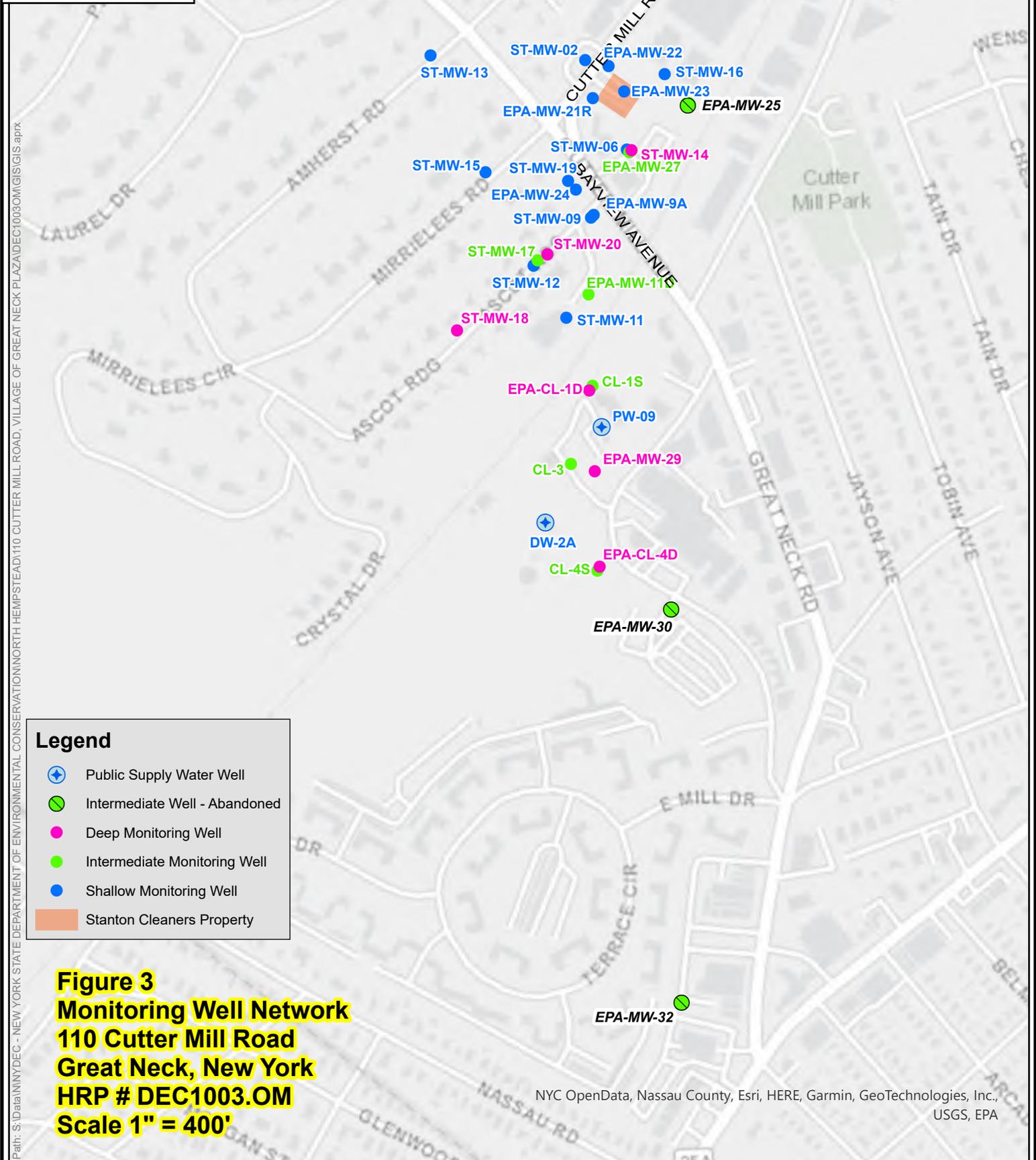


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Legend

- 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'

NYC OpenData, Nassau County, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA

TABLES

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

ID:		SVE-EFF	SVE-INF
Date Collected:		10/26/2023	10/26/2023
Lab Report No:		23J3871	23J3871
Sample Type:		N	N
Parameter	Units		
Gasses			
1,1,1-Trichloroethane	ug/m3	< 1.1	< 11
1,1,2,2-Tetrachloroethane	ug/m3	< 1.4	< 14
1,1,2-Trichloroethane	ug/m3	< 1.1	< 11
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/m3	< 6.1	< 61
1,1-Dichloroethane	ug/m3	< 0.81	< 8.1
1,1-Dichloroethene	ug/m3	< 0.79	< 7.9
1,2,4-Trichlorobenzene	ug/m3	< 1.5	< 15
1,2,4-Trimethylbenzene	ug/m3	9.1 D	< 9.8
1,2-Dibromoethane (EDB) (ethylene dibromide)	ug/m3	< 1.5	< 15
1,2-Dichlorobenzene	ug/m3	< 1.2	< 12
1,2-Dichloroethane	ug/m3	< 0.81	< 8.1
1,2-Dichloropropane	ug/m3	1.2 D	< 9.2
1,2-Dichlorotetrafluoroethane (Freon 114)	ug/m3	< 1.4	< 14
1,3 Butadiene	ug/m3	< 0.44	< 4.4
1,3,5-trimethyl-benzene	ug/m3	1.7 D	< 9.8
1,3-Dichlorobenzene	ug/m3	< 1.2	< 12
1,4-Dichlorobenzene	ug/m3	< 1.2	< 12
1,4-Dioxane	ug/m3	< 7.2	< 72
1-Ethyl-4-methyl-benzene	ug/m3	1.7 D	< 9.8
2-Butanone (MEK)	ug/m3	< 24	< 240
2-Hexanone (Methyl butyl ketone/MBK)	ug/m3	< 0.82	< 8.2
Acetone	ug/m3	< 19	< 190
Benzene	ug/m3	0.69 D	< 6.4
Benzyl chloride	ug/m3	< 1	< 10
Bromodichloromethane	ug/m3	< 1.3	< 13
Bromoform	ug/m3	< 2.1	< 21
Bromomethane	ug/m3	< 0.78	< 7.8
Carbon disulfide	ug/m3	< 6.2	< 62
Carbon tetrachloride	ug/m3	< 1.3	< 13
Chlorobenzene	ug/m3	< 0.92	< 9.2
Chloroethane	ug/m3	< 0.53	< 5.3
Chloroform	ug/m3	< 0.98	< 9.8
Chloromethane	ug/m3	0.83 D	< 8.3
cis-1,2-Dichloroethene	ug/m3	< 0.79	270 D
cis-1,3-Dichloropropene	ug/m3	< 0.91	< 9.1
Cyclohexane	ug/m3	4.9 D	< 6.9
Dibromochloromethane	ug/m3	< 1.7	< 17
Dichlorodifluoromethane	ug/m3	1.2 D	< 9.9
Ethanol	ug/m3	98 D	< 150
Ethyl Acetate	ug/m3	< 7.2	< 72
Ethylbenzene	ug/m3	2.7 D	< 8.7
Heptane	ug/m3	< 0.82	< 8.2
Hexachloro-1,3-butadiene	ug/m3	< 2.1	< 21
Hexane	ug/m3	< 28	< 280
Isopropyl Alcohol	ug/m3	< 20	< 200
m,p-Xylene	ug/m3	8.8 D	< 17
Methyl isobutyl ketone (MIBK)	ug/m3	< 0.82	< 8.2
Methylene chloride	ug/m3	< 6.9	< 69
Methyltertbutyl ether	ug/m3	< 0.72	< 7.2
Naphthalene	ug/m3	< 1	< 10
o-Xylene	ug/m3	3.9 D	< 8.7
Propene	ug/m3	< 14	< 140
Styrene	ug/m3	< 0.85	< 8.5
Tetrachloroethene	ug/m3	4.0 D	29000 D
Tetrahydrofuran	ug/m3	< 5.9	97 D
Toluene	ug/m3	13 D	9.9 D
trans-1,2-Dichloroethene	ug/m3	< 0.79	< 7.9
trans-1,3-Dichloropropene	ug/m3	< 0.91	< 9.1
Trichloroethene	ug/m3	< 1.1	470 D
Trichlorofluoromethane	ug/m3	< 4.5	< 45
Vinyl acetate	ug/m3	< 14	< 140
Vinyl chloride	ug/m3	< 0.51	< 5.1

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
 ug/m3 = micrograms per cubic meter

**Table 2: Soil Vapor Extraction System
Summary of VOC Mass Removal in 2022**
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)	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	0.000	0.00	61.84
3/31/2021	13	0.00	0.022	0.000	186	0.00	0.00	0.02	0.00	0.00	0.00	61.84
6/30/2021	91	0.20	0.006	0.007	21.8	0.10	0.02	0.01	0.00	0.00	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	0.10	0.00	64.85
1/5/2023	17	0.44	0.037	0.074	22.04	0.30	0.01	0.04	0.00	0.09	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	68.33
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

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 12/24/2020 and 3/18/2021

SVE system was shut down between 11/04/22 and 11/29/2022 for carbon replacement

SVE system was shut down between 10/3/2023 to 10/26/2023 due to a broken SVE discharge line

Table 3: Well Monitoring Schedule

Stanton Cleaners - NYSDEC # 130072

110 Cutter Mill Road, Great Neck, NY

Well ID	Semi-Annual Gauging	Semi-Annual Sampling
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

Note: Semi-annual sampling conducted in January and July

Table 4: Stanton Building Indoor Air Sampling - Analytical Results
 Stanton Cleaners - NYSDEC Site # 130072
 110 Cutter Mill Road, Great Neck, NY

Parameter	ID: Date Collected: Lab Report No: Sample Type: Units	NYSDOH Air Guidance Values	NYSDOH Immediate Action Levels	11A	21A	30A
				10/26/2023	10/26/2023	10/26/2023
				23J3874	23J3874	23J3874
				N	N	N
				Result	Result	Result
Gasses						
1,1,1-Trichloroethane	ug/m3			< 0.190 U	< 0.190 U	< 0.190 U
1,1,2,2-Tetrachloroethane	ug/m3			< 0.240 U	< 0.240 U	< 0.240 U
1,1,2-Trichloroethane	ug/m3			< 0.190 U	< 0.190 U	< 0.190 U
1,1,2-Trichlorotrifluoroethane (Freon 113)	ug/m3			< 1.10 U	< 1.10 U	< 1.10 U
1,1-Dichloroethane	ug/m3			< 0.140 U	< 0.140 U	< 0.140 U
1,1-Dichloroethene	ug/m3			< 0.140 U	< 0.140 U	< 0.140 U
1,2,4-Trichlorobenzene	ug/m3			< 0.260 U	< 0.260 U	< 0.260 U
1,2,4-Trimethylbenzene	ug/m3			1.40 D	1.80 D	1.80 D
1,2-Dibromoethane (EDB) (ethylene dibromide)	ug/m3			< 0.270 U	< 0.270 U	< 0.270 U
1,2-Dichlorobenzene	ug/m3			< 0.210 U	< 0.210 U	< 0.210 U
1,2-Dichloroethane	ug/m3			< 0.140 U	< 0.140 U	< 0.140 U
1,2-Dichloropropane	ug/m3			< 0.160 U	< 0.160 U	< 0.160 U
1,2-Dichlorotetrafluoroethane (Freon 114)	ug/m3			< 0.240 U	< 0.240 U	< 0.240 U
1,3 Butadiene	ug/m3			< 0.0770 U	< 0.0770 U	< 0.0770 U
1,3,5-trimethyl-benzene	ug/m3			0.390 D	0.550 D	0.480 D
1,3-Dichlorobenzene	ug/m3			< 0.210 U	< 0.210 U	< 0.210 U
1,4-Dichlorobenzene	ug/m3			0.990 D	1.90 D	0.850 D
1,4-Dioxane	ug/m3			< 1.30 U	< 1.30 U	< 1.30 U
1-Ethyl-4-methyl-benzene	ug/m3			0.270 D	0.330 D	0.390 D
2-Butanone (MEK)	ug/m3			< 4.10 U	< 4.10 U	< 4.10 U
2-Hexanone (Methyl butyl ketone/MBK)	ug/m3			2.20 D	< 0.140 U	1.00 D
Acetone	ug/m3			22.0 D	39.0 D	21.0 D
Benzene	ug/m3			1.90 D	2.70 D	2.80 D
Benzyl chloride	ug/m3			< 0.180 U	< 0.180 U	< 0.180 U
Bromodichloromethane	ug/m3			< 0.230 U	< 0.230 U	< 0.230 U
Bromoform	ug/m3			< 0.360 U	< 0.360 U	< 0.360 U
Bromomethane	ug/m3			< 0.140 U	< 0.140 U	< 0.140 U
Carbon disulfide	ug/m3			< 1.10 U	< 1.10 U	< 1.10 U
Carbon tetrachloride	ug/m3			0.460 D	0.480 D	0.550 D
Chlorobenzene	ug/m3			< 0.160 U	< 0.160 U	< 0.160 U
Chloroethane	ug/m3			< 0.0920 U	< 0.0920 U	< 0.0920 U
Chloroform	ug/m3			0.310 D	0.280 D	0.290 D
Chloromethane	ug/m3			0.920 D	0.950 D	0.950 D
cis-1,2-Dichloroethene	ug/m3			< 0.140 U	< 0.140 U	< 0.140 U
cis-1,3-Dichloropropene	ug/m3			< 0.160 U	< 0.160 U	< 0.160 U
Cyclohexane	ug/m3			0.850 D	1.60 D	1.00 D
Dibromochloromethane	ug/m3			< 0.300 U	< 0.300 U	< 0.300 U
Dichlorodifluoromethane	ug/m3			2.20 D	2.30 D	2.40 D
Ethanol	ug/m3			32.0 D	37.0 D	41.0 D
Ethyl Acetate	ug/m3			2.10 D	2.10 D	2.80 D
Ethylbenzene	ug/m3			1.40 D	1.80 D	1.90 D
Heptane	ug/m3			1.50 D	2.30 D	1.70 D
Hexachloro-1,3-butadiene	ug/m3			< 0.370 U	< 0.370 U	< 0.370 U
Hexane	ug/m3			< 4.90 U	5.80 D	< 4.90 U
Isopropyl Alcohol	ug/m3			15.0 D	5.90 D	5.30 D
m,p-Xylene	ug/m3			4.20 D	5.00 D	5.10 D
Methyl isobutyl ketone (MIBK)	ug/m3			< 0.140 U	< 0.140 U	< 0.140 U
Methylene chloride	ug/m3	60		< 1.20 U	< 1.20 U	< 1.20 U
Methyltertbutyl ether	ug/m3			< 0.130 U	< 0.130 U	< 0.130 U
Naphthalene	ug/m3			0.280 D	0.260 D	0.330 D
o-Xylene	ug/m3			1.60 D	1.90 D	1.90 D
Propene	ug/m3			4.00 D	4.40 D	4.10 D
Styrene	ug/m3			0.650 D	0.390 D	0.270 D
Tetrachloroethene	ug/m3	30	300	12.0 D	3.70 D	5.50 D
Tetrahydrofuran	ug/m3			1.20 D	3.50 D	< 1.00 U
Toluene	ug/m3			9.60 D	13.0 D	10.0 D
trans-1,2-Dichloroethene	ug/m3			< 0.140 U	< 0.140 U	< 0.140 U
trans-1,3-Dichloropropene	ug/m3			< 0.160 U	< 0.160 U	< 0.160 U
Trichloroethene	ug/m3	2	20	0.390 D	< 0.190 U	< 0.190 U
Trichlorofluoromethane	ug/m3			1.10 D	1.30 D	1.20 D
Vinyl acetate	ug/m3			< 2.50 U	< 2.50 U	< 2.50 U
Vinyl chloride	ug/m3			< 0.0890 U	< 0.0890 U	< 0.0890 U

Legend	
<1	Parameter not detected above the laboratory reporting limit
1	Parameter reported at a concentrations greater than NY DOH Soil Vapor Guidance
1	Parameter reported at a concentrations greater than NY DOH Soil Vapor ImmediateGuidance
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
 ug/m3 = micrograms per cubic meter

APPENDIX A

Daily Operation and Maintenance Reports

DAILY INSPECTION REPORT

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

Date: 10/26/23

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: 10/26/23

Site Photographs (Descriptions Below)



Broken SVE discharge line at exterior carbon vessel

Broken SVE discharge line at exterior carbon vessel



Broken SVE discharge line at exterior carbon vessel

Repaired SVE discharge line

DAILY INSPECTION REPORT

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

Date: 10/26/23



Building Interior – rear storage



Building Interior – rear storage



Building Interior – rear storage area



Building Interior – front entrance sampling location

DAILY INSPECTION REPORT

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

Date: 10/26/23



Sample 11A Location

Sample 21A Location



Sample 3 OA Location

Comments

DAILY INSPECTION REPORT

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

Date: 10/26/23

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Site Inspector(s):	Date:
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DAILY INSPECTION REPORT

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

Date: 10/26/23

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: 11/29/23

DAILY INSPECTION REPORT

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

Date: 11/29/23

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

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

Date: 11/29/23

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

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

Date: 11/29/23

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: 12/21/23

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: 12/21/23

DAILY INSPECTION REPORT

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

Date: 12/21/23

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

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

Date: 12/21/23

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

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

Date: 12/21/23

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: 12/21/23

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the Montauk Highway outfall?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

APPENDIX B

SVE System Operation and Maintenance Reports

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

Date: 10-26-23
HRP #: DEC 10020m

Pipe ID	FID	MultiRae					VelociCalc					
		VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709		5.5	0	20.9	0	0.0	63.0	13.0	30.4	58.1	22.25
Post-Blower Pre-Carbon*	5.706		9.4	0	20.9	0	0.0	64.0	0.652	20.9	61.5	96.23
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						12.0			
SVE-3B	1.913											
SVE-1 Combined	1.913											
SVE-2 Combined	1.913		0.0	0	20.9	0	0.0	62.0	6.0	41.3	70.1	68.21
hSVE-1			36.6	0	20.9	0	0.0	63.0	9.0	38.8	68.0	44.10
hSVE-2			68.2	0	20.9	0	0.0	62.5	11.0	45.2	74.2	25.20
Background	N/A		0.0	0	20.9	0	0.0	54	-	80	48	-

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1	closed	closed
SVE-2 combined	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

0.0 ppm Effluent
24" SVE blower
44Hz

bleeder slightly open
system off upon arrival

repaired discharge line pre carbon
restarted system after interior
air sampling completed Stanton bld. @ 2:08pm
sampled effluent 2:15pm influent 2:22pm

Equipment Calibrated by: DJA Air Readings Collected by: DJA

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: 11-29-23
HRP #: DEC 10030M

	Pipe ID	FID					MultiRae						VelociCalc				
		VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow					
SVE-Influent	5.709		0.1	0	20.9	0	0.0	42.0	15.5	43.6	15.8	120.7					
Post-Blower Pre-Carbon*	5.706		0.3	0	20.9	0	6.0	49.2	0.533	42.8	11.0	131.65					
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														
SVE-3B	1.913																
SVE-1 Combined	1.913																
SVE-2 Combined	1.913		0.0	0	20.9	0	0.0	30.3	7.5	43.8	10.3	97.6					
hSVE-1			0.1	0	20.9	0	0.0	35.4	12.0	38.9	11.8	7.22					
hSVE-2			3.1	0	20.9	0	0.0	33.6	12.5	40.9	10.2	32.60					
Background	N/A		0.0	0	20.9	0	0.0	27.0	✓	66	17						

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1	closed	closed
SVE-2 combined	open	open
SVE-3 A	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

0.0 ppm Effluent
27" SVE blower
44 Hz
bleed slightly open
system running upon arrival

Equipment Calibrated by: DJA Air Readings Collected by: DJA

- 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: 12-21-23
HRP #: _____

	Pipe ID	FID	MultiRae					VelociCalc				
		VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709	C	0.0	0	20.9	0	0.0	44.9	18	54.7	24.9	22.70
Post-Blower Pre-Carbon*	5.706		0.4	0	20.9	0	0.0	39.2	2532	51.0	20.7	90.36
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	<u>moisture</u>										
SVE-3B	1.913											
SVE-1 Combined	1.913											
SVE-2 Combined	1.913		0.0	0	20.9	0	0.0	37.2	10	53.7	20.3	101.49
hSVE-1			0.2	0	20.9	0	0.0	39.2	15	49.5	21.5	3.07
hSVE-2			4.5	0	20.9	0	0.0	38.6	15	50.1	21.7	39.77
Background	N/A		0.0	0	20.9	0	0.0	36	—	54	—	—

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1	closed	closed
SVE-2 Combined	open	open
SVE-3 A	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

0.0 ppm Effluent
28" SVE blower

44 Hz

bleed slightly open

System running upon arrival

Shot down system prior to leaving site

Equipment Calibrated by: DJA Air Readings Collected by: DJA

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

November 1, 2023

Payson Long
NYDEC_HRP Associates, Inc. - Farmington, CT
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 110 Cuttermill Rd, Great Neck, NY
Client Job Number:
Project Number: 130072
Laboratory Work Order Number: 23J3871

Enclosed are results of analyses for samples as received by the laboratory on October 27, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

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

NYDEC_HRP Associates, Inc. - Farmington, CT
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Payson Long

REPORT DATE: 11/1/2023

PURCHASE ORDER NUMBER: 141716

PROJECT NUMBER: 130072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23J3871

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

PROJECT LOCATION: 110 Cuttermill Rd, Great Neck, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SVE-INF	23J3871-01	Air		EPA TO-15	
SVE-EFF	23J3871-02	Air		EPA TO-15	

CASE NARRATIVE SUMMARY

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

EPA TO-15

Qualifications:

A-09

Holding times and stability of samples taken in tedlar bags have not been determined

Analyte & Samples(s) Qualified:

23J3871-01[SVE-INF], 23J3871-01RE1[SVE-INF], 23J3871-02[SVE-EFF]

L-03

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

Analyte & Samples(s) Qualified:

1,1,2,2-Tetrachloroethane

23J3871-01[SVE-INF], 23J3871-02[SVE-EFF], B356917-BLK1, B356917-BS1, B356917-DUP1

1,2-Dichloropropane

23J3871-01[SVE-INF], 23J3871-02[SVE-EFF], B356917-BLK1, B356917-BS1, B356917-DUP1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23J3871-01[SVE-INF]

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Carbon Tetrachloride

23J3871-01[SVE-INF], 23J3871-02[SVE-EFF], B356917-BLK1, B356917-BS1, B356917-DUP1, S095699-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

ANALYTICAL RESULTS

Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: SVE-INF
Sample ID: 23J3871-01
 Sample Matrix: Air
 Sampled: 10/26/2023 14:22

Sample Description/Location:
 Sub Description/Location:
 Canister ID:
 Canister Size:
 Flow Controller ID:
 Sample Type:

Work Order: 23J3871
 Initial Vacuum(in Hg):
 Final Vacuum(in Hg):
 Receipt Vacuum(in Hg):
 Flow Controller Type:
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: A-09, RL-11

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	ND	80		ND	190	40	11/1/23	6:01	CMR
Benzene	ND	2.0		ND	6.4	40	11/1/23	6:01	CMR
Benzyl chloride	ND	2.0		ND	10	40	11/1/23	6:01	CMR
Bromodichloromethane	ND	2.0		ND	13	40	11/1/23	6:01	CMR
Bromoform	ND	2.0		ND	21	40	11/1/23	6:01	CMR
Bromomethane	ND	2.0		ND	7.8	40	11/1/23	6:01	CMR
1,3-Butadiene	ND	2.0		ND	4.4	40	11/1/23	6:01	CMR
2-Butanone (MEK)	ND	80		ND	240	40	11/1/23	6:01	CMR
Carbon Disulfide	ND	20		ND	62	40	11/1/23	6:01	CMR
Carbon Tetrachloride	ND	2.0	V-34	ND	13	40	11/1/23	6:01	CMR
Chlorobenzene	ND	2.0		ND	9.2	40	11/1/23	6:01	CMR
Chloroethane	ND	2.0		ND	5.3	40	11/1/23	6:01	CMR
Chloroform	ND	2.0		ND	9.8	40	11/1/23	6:01	CMR
Chloromethane	ND	4.0		ND	8.3	40	11/1/23	6:01	CMR
Cyclohexane	ND	2.0		ND	6.9	40	11/1/23	6:01	CMR
Dibromochloromethane	ND	2.0		ND	17	40	11/1/23	6:01	CMR
1,2-Dibromoethane (EDB)	ND	2.0		ND	15	40	11/1/23	6:01	CMR
1,2-Dichlorobenzene	ND	2.0		ND	12	40	11/1/23	6:01	CMR
1,3-Dichlorobenzene	ND	2.0		ND	12	40	11/1/23	6:01	CMR
1,4-Dichlorobenzene	ND	2.0		ND	12	40	11/1/23	6:01	CMR
Dichlorodifluoromethane (Freon 12)	ND	2.0		ND	9.9	40	11/1/23	6:01	CMR
1,1-Dichloroethane	ND	2.0		ND	8.1	40	11/1/23	6:01	CMR
1,2-Dichloroethane	ND	2.0		ND	8.1	40	11/1/23	6:01	CMR
1,1-Dichloroethylene	ND	2.0		ND	7.9	40	11/1/23	6:01	CMR
cis-1,2-Dichloroethylene	68	2.0		270	7.9	40	11/1/23	6:01	CMR
trans-1,2-Dichloroethylene	ND	2.0		ND	7.9	40	11/1/23	6:01	CMR
1,2-Dichloropropane	ND	2.0	L-03	ND	9.2	40	11/1/23	6:01	CMR
cis-1,3-Dichloropropene	ND	2.0		ND	9.1	40	11/1/23	6:01	CMR
trans-1,3-Dichloropropene	ND	2.0		ND	9.1	40	11/1/23	6:01	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	2.0		ND	14	40	11/1/23	6:01	CMR
1,4-Dioxane	ND	20		ND	72	40	11/1/23	6:01	CMR
Ethanol	ND	80		ND	150	40	11/1/23	6:01	CMR
Ethyl Acetate	ND	20		ND	72	40	11/1/23	6:01	CMR
Ethylbenzene	ND	2.0		ND	8.7	40	11/1/23	6:01	CMR
4-Ethyltoluene	ND	2.0		ND	9.8	40	11/1/23	6:01	CMR
Heptane	ND	2.0		ND	8.2	40	11/1/23	6:01	CMR
Hexachlorobutadiene	ND	2.0		ND	21	40	11/1/23	6:01	CMR

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

ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: SVE-INF
Sample ID: 23J3871-01
 Sample Matrix: Air
 Sampled: 10/26/2023 14:22

 Sample Description/Location:
 Sub Description/Location:
 Canister ID:
 Canister Size:
 Flow Controller ID:
 Sample Type:

Work Order: 23J3871
 Initial Vacuum(in Hg):
 Final Vacuum(in Hg):
 Receipt Vacuum(in Hg):
 Flow Controller Type:
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: A-09, RL-11

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Hexane	ND	80		ND	280	40	11/1/23	6:01	CMR
2-Hexanone (MBK)	ND	2.0		ND	8.2	40	11/1/23	6:01	CMR
Isopropanol	ND	80		ND	200	40	11/1/23	6:01	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0		ND	7.2	40	11/1/23	6:01	CMR
Methylene Chloride	ND	20		ND	69	40	11/1/23	6:01	CMR
4-Methyl-2-pentanone (MIBK)	ND	2.0		ND	8.2	40	11/1/23	6:01	CMR
Naphthalene	ND	2.0		ND	10	40	11/1/23	6:01	CMR
Propene	ND	80		ND	140	40	11/1/23	6:01	CMR
Styrene	ND	2.0		ND	8.5	40	11/1/23	6:01	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	L-03	ND	14	40	11/1/23	6:01	CMR
Tetrachloroethylene	4300	20		29000	140	400	11/1/23	6:43	CMR
Tetrahydrofuran	33	20		97	59	40	11/1/23	6:01	CMR
Toluene	2.6	2.0		9.9	7.5	40	11/1/23	6:01	CMR
1,2,4-Trichlorobenzene	ND	2.0		ND	15	40	11/1/23	6:01	CMR
1,1,1-Trichloroethane	ND	2.0		ND	11	40	11/1/23	6:01	CMR
1,1,2-Trichloroethane	ND	2.0		ND	11	40	11/1/23	6:01	CMR
Trichloroethylene	88	2.0		470	11	40	11/1/23	6:01	CMR
Trichlorofluoromethane (Freon 11)	ND	8.0		ND	45	40	11/1/23	6:01	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	8.0		ND	61	40	11/1/23	6:01	CMR
1,2,4-Trimethylbenzene	ND	2.0		ND	9.8	40	11/1/23	6:01	CMR
1,3,5-Trimethylbenzene	ND	2.0		ND	9.8	40	11/1/23	6:01	CMR
Vinyl Acetate	ND	40		ND	140	40	11/1/23	6:01	CMR
Vinyl Chloride	ND	2.0		ND	5.1	40	11/1/23	6:01	CMR
m&p-Xylene	ND	4.0		ND	17	40	11/1/23	6:01	CMR
o-Xylene	ND	2.0		ND	8.7	40	11/1/23	6:01	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	111	70-130	11/1/23	6:01
4-Bromofluorobenzene (1)	109	70-130	11/1/23	6:43

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ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: SVE-EFF
Sample ID: 23J3871-02
 Sample Matrix: Air
 Sampled: 10/26/2023 14:15

 Sample Description/Location:
 Sub Description/Location:
 Canister ID:
 Canister Size:
 Flow Controller ID:
 Sample Type:

Work Order: 23J3871
 Initial Vacuum(in Hg):
 Final Vacuum(in Hg):
 Receipt Vacuum(in Hg):
 Flow Controller Type:
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: A-09

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	ND	8.0		ND	19	4	11/1/23	4:41	CMR
Benzene	0.22	0.20		0.69	0.64	4	11/1/23	4:41	CMR
Benzyl chloride	ND	0.20		ND	1.0	4	11/1/23	4:41	CMR
Bromodichloromethane	ND	0.20		ND	1.3	4	11/1/23	4:41	CMR
Bromoform	ND	0.20		ND	2.1	4	11/1/23	4:41	CMR
Bromomethane	ND	0.20		ND	0.78	4	11/1/23	4:41	CMR
1,3-Butadiene	ND	0.20		ND	0.44	4	11/1/23	4:41	CMR
2-Butanone (MEK)	ND	8.0		ND	24	4	11/1/23	4:41	CMR
Carbon Disulfide	ND	2.0		ND	6.2	4	11/1/23	4:41	CMR
Carbon Tetrachloride	ND	0.20	V-34	ND	1.3	4	11/1/23	4:41	CMR
Chlorobenzene	ND	0.20		ND	0.92	4	11/1/23	4:41	CMR
Chloroethane	ND	0.20		ND	0.53	4	11/1/23	4:41	CMR
Chloroform	ND	0.20		ND	0.98	4	11/1/23	4:41	CMR
Chloromethane	0.40	0.40		0.83	0.83	4	11/1/23	4:41	CMR
Cyclohexane	1.4	0.20		4.9	0.69	4	11/1/23	4:41	CMR
Dibromochloromethane	ND	0.20		ND	1.7	4	11/1/23	4:41	CMR
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	11/1/23	4:41	CMR
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	11/1/23	4:41	CMR
1,3-Dichlorobenzene	ND	0.20		ND	1.2	4	11/1/23	4:41	CMR
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	11/1/23	4:41	CMR
Dichlorodifluoromethane (Freon 12)	0.24	0.20		1.2	0.99	4	11/1/23	4:41	CMR
1,1-Dichloroethane	ND	0.20		ND	0.81	4	11/1/23	4:41	CMR
1,2-Dichloroethane	ND	0.20		ND	0.81	4	11/1/23	4:41	CMR
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	11/1/23	4:41	CMR
cis-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	11/1/23	4:41	CMR
trans-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	11/1/23	4:41	CMR
1,2-Dichloropropane	0.25	0.20	L-03	1.2	0.92	4	11/1/23	4:41	CMR
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	11/1/23	4:41	CMR
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	11/1/23	4:41	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	11/1/23	4:41	CMR
1,4-Dioxane	ND	2.0		ND	7.2	4	11/1/23	4:41	CMR
Ethanol	52	8.0		98	15	4	11/1/23	4:41	CMR
Ethyl Acetate	ND	2.0		ND	7.2	4	11/1/23	4:41	CMR
Ethylbenzene	0.63	0.20		2.7	0.87	4	11/1/23	4:41	CMR
4-Ethyltoluene	0.35	0.20		1.7	0.98	4	11/1/23	4:41	CMR
Heptane	ND	0.20		ND	0.82	4	11/1/23	4:41	CMR
Hexachlorobutadiene	ND	0.20		ND	2.1	4	11/1/23	4:41	CMR

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

ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: SVE-EFF
Sample ID: 23J3871-02
 Sample Matrix: Air
 Sampled: 10/26/2023 14:15

 Sample Description/Location:
 Sub Description/Location:
 Canister ID:
 Canister Size:
 Flow Controller ID:
 Sample Type:

Work Order: 23J3871
 Initial Vacuum(in Hg):
 Final Vacuum(in Hg):
 Receipt Vacuum(in Hg):
 Flow Controller Type:
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: A-09

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	8.0		ND	28	4	11/1/23	4:41	CMR
2-Hexanone (MBK)	ND	0.20		ND	0.82	4	11/1/23	4:41	CMR
Isopropanol	ND	8.0		ND	20	4	11/1/23	4:41	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	11/1/23	4:41	CMR
Methylene Chloride	ND	2.0		ND	6.9	4	11/1/23	4:41	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.20		ND	0.82	4	11/1/23	4:41	CMR
Naphthalene	ND	0.20		ND	1.0	4	11/1/23	4:41	CMR
Propene	ND	8.0		ND	14	4	11/1/23	4:41	CMR
Styrene	ND	0.20		ND	0.85	4	11/1/23	4:41	CMR
1,1,2,2-Tetrachloroethane	ND	0.20	L-03	ND	1.4	4	11/1/23	4:41	CMR
Tetrachloroethylene	0.59	0.20		4.0	1.4	4	11/1/23	4:41	CMR
Tetrahydrofuran	ND	2.0		ND	5.9	4	11/1/23	4:41	CMR
Toluene	3.4	0.20		13	0.75	4	11/1/23	4:41	CMR
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	11/1/23	4:41	CMR
1,1,1-Trichloroethane	ND	0.20		ND	1.1	4	11/1/23	4:41	CMR
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	11/1/23	4:41	CMR
Trichloroethylene	ND	0.20		ND	1.1	4	11/1/23	4:41	CMR
Trichlorofluoromethane (Freon 11)	ND	0.80		ND	4.5	4	11/1/23	4:41	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80		ND	6.1	4	11/1/23	4:41	CMR
1,2,4-Trimethylbenzene	1.9	0.20		9.1	0.98	4	11/1/23	4:41	CMR
1,3,5-Trimethylbenzene	0.35	0.20		1.7	0.98	4	11/1/23	4:41	CMR
Vinyl Acetate	ND	4.0		ND	14	4	11/1/23	4:41	CMR
Vinyl Chloride	ND	0.20		ND	0.51	4	11/1/23	4:41	CMR
m&p-Xylene	2.0	0.40		8.8	1.7	4	11/1/23	4:41	CMR
o-Xylene	0.89	0.20		3.9	0.87	4	11/1/23	4:41	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	106	70-130	11/1/23 4:41

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

Sample Extraction Data
Prep Method:TO-15 Prep
Analytical Method:EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
23J3871-01 [SVE-INF]	B356917	1	1	N/A	1000	400	10	10/31/23
23J3871-01RE1 [SVE-INF]	B356917	1	200	5	1000	400	200	10/31/23
23J3871-02 [SVE-EFF]	B356917	1	1	N/A	1000	400	100	10/31/23

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

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	Limit	
Batch B356917 - TO-15 Prep											
Blank (B356917-BLK1)						Prepared & Analyzed: 10/31/23					
Acetone	ND	0.80									
Benzene	ND	0.020									
Benzyl chloride	ND	0.020									
Bromodichloromethane	ND	0.020									
Bromoform	ND	0.020									
Bromomethane	ND	0.020									
1,3-Butadiene	ND	0.020									
2-Butanone (MEK)	ND	0.80									
Carbon Disulfide	ND	0.20									
Carbon Tetrachloride	ND	0.020									V-34
Chlorobenzene	ND	0.020									
Chloroethane	ND	0.020									
Chloroform	ND	0.020									
Chloromethane	ND	0.040									
Cyclohexane	ND	0.020									
Dibromochloromethane	ND	0.020									
1,2-Dibromoethane (EDB)	ND	0.020									
1,2-Dichlorobenzene	ND	0.020									
1,3-Dichlorobenzene	ND	0.020									
1,4-Dichlorobenzene	ND	0.020									
Dichlorodifluoromethane (Freon 12)	ND	0.020									
1,1-Dichloroethane	ND	0.020									
1,2-Dichloroethane	ND	0.020									
1,1-Dichloroethylene	ND	0.020									
cis-1,2-Dichloroethylene	ND	0.020									
trans-1,2-Dichloroethylene	ND	0.020									
1,2-Dichloropropane	ND	0.020									L-03
cis-1,3-Dichloropropene	ND	0.020									
trans-1,3-Dichloropropene	ND	0.020									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.020									
1,4-Dioxane	ND	0.20									
Ethanol	ND	0.80									
Ethyl Acetate	ND	0.20									
Ethylbenzene	ND	0.020									
4-Ethyltoluene	ND	0.020									
Heptane	ND	0.020									
Hexachlorobutadiene	ND	0.020									
Hexane	ND	0.80									
2-Hexanone (MBK)	ND	0.020									
Isopropanol	ND	0.80									
Methyl tert-Butyl Ether (MTBE)	ND	0.020									
Methylene Chloride	ND	0.20									
4-Methyl-2-pentanone (MIBK)	ND	0.020									
Naphthalene	ND	0.020									
Propene	ND	0.80									
Styrene	ND	0.020									

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QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
Batch B356917 - TO-15 Prep											
Blank (B356917-BLK1)						Prepared & Analyzed: 10/31/23					
1,1,2,2-Tetrachloroethane	ND	0.020									L-03
Tetrachloroethylene	ND	0.020									
Tetrahydrofuran	ND	0.20									
Toluene	ND	0.020									
1,2,4-Trichlorobenzene	ND	0.020									
1,1,1-Trichloroethane	ND	0.020									
1,1,2-Trichloroethane	ND	0.020									
Trichloroethylene	ND	0.020									
Trichlorofluoromethane (Freon 11)	ND	0.080									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.080									
1,2,4-Trimethylbenzene	ND	0.020									
1,3,5-Trimethylbenzene	ND	0.020									
Vinyl Acetate	ND	0.40									
Vinyl Chloride	ND	0.020									
m&p-Xylene	ND	0.040									
o-Xylene	ND	0.020									
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>8.47</i>				<i>8.00</i>		<i>106</i>	<i>70-130</i>			
LCS (B356917-BS1)						Prepared & Analyzed: 10/31/23					
Acetone	5.09				5.00		102	70-130			
Benzene	4.16				5.00		83.2	70-130			
Benzyl chloride	4.70				5.00		94.1	70-130			
Bromodichloromethane	4.06				5.00		81.2	70-130			
Bromoform	4.34				5.00		86.8	70-130			
Bromomethane	5.05				5.00		101	70-130			
1,3-Butadiene	4.56				5.00		91.2	70-130			
2-Butanone (MEK)	4.50				5.00		90.1	70-130			
Carbon Disulfide	5.07				5.00		101	70-130			
Carbon Tetrachloride	2.52				5.00		50.3 *	70-130			V-34
Chlorobenzene	4.16				5.00		83.1	70-130			
Chloroethane	4.88				5.00		97.6	70-130			
Chloroform	5.12				5.00		102	70-130			
Chloromethane	4.71				5.00		94.1	70-130			
Cyclohexane	4.40				5.00		88.0	70-130			
Dibromochloromethane	4.53				5.00		90.6	70-130			
1,2-Dibromoethane (EDB)	4.45				5.00		89.0	70-130			
1,2-Dichlorobenzene	4.45				5.00		89.0	70-130			
1,3-Dichlorobenzene	4.64				5.00		92.7	70-130			
1,4-Dichlorobenzene	4.57				5.00		91.3	70-130			
Dichlorodifluoromethane (Freon 12)	5.35				5.00		107	70-130			
1,1-Dichloroethane	4.56				5.00		91.2	70-130			
1,2-Dichloroethane	5.01				5.00		100	70-130			
1,1-Dichloroethylene	4.85				5.00		96.9	70-130			
cis-1,2-Dichloroethylene	4.61				5.00		92.2	70-130			
trans-1,2-Dichloroethylene	4.82				5.00		96.4	70-130			
1,2-Dichloropropane	3.49				5.00		69.9 *	70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
Batch B356917 - TO-15 Prep											
LCS (B356917-BS1)											
						Prepared & Analyzed: 10/31/23					
cis-1,3-Dichloropropene	4.10				5.00		82.0	70-130			
trans-1,3-Dichloropropene	4.51				5.00		90.1	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	5.58				5.00		112	70-130			
1,4-Dioxane	4.40				5.00		88.0	70-130			
Ethanol	4.70				5.00		94.0	70-130			
Ethyl Acetate	4.13				5.00		82.7	70-130			
Ethylbenzene	4.50				5.00		90.1	70-130			
4-Ethyltoluene	4.84				5.00		96.7	70-130			
Heptane	3.95				5.00		79.1	70-130			
Hexachlorobutadiene	4.77				4.25		112	70-130			
Hexane	4.48				5.00		89.5	70-130			
2-Hexanone (MBK)	4.00				5.00		80.1	70-130			
Isopropanol	4.13				5.00		82.7	70-130			
Methyl tert-Butyl Ether (MTBE)	5.41				5.00		108	70-130			
Methylene Chloride	4.06				5.00		81.1	70-130			
4-Methyl-2-pentanone (MIBK)	3.74				5.00		74.8	70-130			
Naphthalene	4.58				3.68		124	70-130			
Propene	4.70				5.00		93.9	70-130			
Styrene	4.50				5.00		90.0	70-130			
1,1,2,2-Tetrachloroethane	3.49				5.00		69.8 *	70-130			L-03
Tetrachloroethylene	4.75				5.00		95.1	70-130			
Tetrahydrofuran	5.36				5.00		107	70-130			
Toluene	4.59				5.00		91.7	70-130			
1,2,4-Trichlorobenzene	4.56				3.90		117	70-130			
1,1,1-Trichloroethane	4.55				5.00		91.0	70-130			
1,1,2-Trichloroethane	4.33				5.00		86.6	70-130			
Trichloroethylene	4.49				5.00		89.9	70-130			
Trichlorofluoromethane (Freon 11)	5.83				5.00		117	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.14				5.00		103	70-130			
1,2,4-Trimethylbenzene	4.48				5.00		89.6	70-130			
1,3,5-Trimethylbenzene	4.50				5.00		90.0	70-130			
Vinyl Acetate	3.73				5.00		74.5	70-130			
Vinyl Chloride	4.72				5.00		94.5	70-130			
m&p-Xylene	8.93				10.0		89.3	70-130			
o-Xylene	4.45				5.00		89.0	70-130			
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	8.58				8.00		107	70-130			

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QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit	
Batch B356917 - TO-15 Prep										
Duplicate (B356917-DUP1)		Source: 23J3871-02				Prepared: 10/31/23 Analyzed: 11/01/23				
Acetone	7.5	8.0	18	19		7.4		1.28	25	
Benzene	0.21	0.20	0.68	0.64		0.22		1.87	25	
Benzyl chloride	ND	0.20	ND	1.0		ND			25	
Bromodichloromethane	ND	0.20	ND	1.3		ND			25	
Bromoform	ND	0.20	ND	2.1		ND			25	
Bromomethane	ND	0.20	ND	0.78		ND			25	
1,3-Butadiene	0.30	0.20	0.65	0.44		ND			25	
2-Butanone (MEK)	ND	8.0	ND	24		ND			25	
Carbon Disulfide	ND	2.0	ND	6.2		ND			25	
Carbon Tetrachloride	ND	0.20	ND	1.3		ND			25	V-34
Chlorobenzene	ND	0.20	ND	0.92		ND			25	
Chloroethane	ND	0.20	ND	0.53		ND			25	
Chloroform	ND	0.20	ND	0.98		ND			25	
Chloromethane	0.40	0.40	0.82	0.83		0.40		1.01	25	
Cyclohexane	1.2	0.20	4.2	0.69		1.4		16.0	25	
Dibromochloromethane	ND	0.20	ND	1.7		ND			25	
1,2-Dibromoethane (EDB)	ND	0.20	ND	1.5		ND			25	
1,2-Dichlorobenzene	ND	0.20	ND	1.2		ND			25	
1,3-Dichlorobenzene	ND	0.20	ND	1.2		ND			25	
1,4-Dichlorobenzene	ND	0.20	ND	1.2		ND			25	
Dichlorodifluoromethane (Freon 12)	0.27	0.20	1.3	0.99		0.24		10.9	25	
1,1-Dichloroethane	ND	0.20	ND	0.81		ND			25	
1,2-Dichloroethane	ND	0.20	ND	0.81		ND			25	
1,1-Dichloroethylene	ND	0.20	ND	0.79		ND			25	
cis-1,2-Dichloroethylene	ND	0.20	ND	0.79		ND			25	
trans-1,2-Dichloroethylene	ND	0.20	ND	0.79		ND			25	
1,2-Dichloropropane	0.27	0.20	1.2	0.92		0.25		6.15	25	L-03
cis-1,3-Dichloropropene	ND	0.20	ND	0.91		ND			25	
trans-1,3-Dichloropropene	ND	0.20	ND	0.91		ND			25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	ND	1.4		ND			25	
1,4-Dioxane	ND	2.0	ND	7.2		ND			25	
Ethanol	48	8.0	91	15		52		7.45	25	
Ethyl Acetate	ND	2.0	ND	7.2		ND			25	
Ethylbenzene	0.76	0.20	3.3	0.87		0.63		18.9	25	
4-Ethyltoluene	0.42	0.20	2.0	0.98		0.35		17.8	25	
Heptane	ND	0.20	ND	0.82		ND			25	
Hexachlorobutadiene	ND	0.20	ND	2.1		ND			25	
Hexane	ND	8.0	ND	28		ND			25	
2-Hexanone (MBK)	ND	0.20	ND	0.82		ND			25	
Isopropanol	2.9	8.0	7.1	20		2.9		2.07	25	
Methyl tert-Butyl Ether (MTBE)	0.20	0.20	0.74	0.72		0.17		19.4	25	
Methylene Chloride	ND	2.0	ND	6.9		ND			25	
4-Methyl-2-pentanone (MIBK)	ND	0.20	ND	0.82		0.11			25	
Naphthalene	ND	0.20	ND	1.0		ND			25	
Propene	ND	8.0	ND	14		ND			25	
Styrene	ND	0.20	ND	0.85		ND			25	

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QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level ppbv	Source Result	%REC Limits	RPD	RPD Limit	Flag/Qual
	Results	RL	Results	RL						
Batch B356917 - TO-15 Prep										
Duplicate (B356917-DUP1)										
Source: 23J3871-02										
Prepared: 10/31/23 Analyzed: 11/01/23										
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4		ND			25	L-03
Tetrachloroethylene	0.60	0.20	4.0	1.4		0.59		0.673	25	
Tetrahydrofuran	1.2	2.0	3.6	5.9		1.2		3.62	25	
Toluene	3.4	0.20	13	0.75		3.4		0.117	25	
1,2,4-Trichlorobenzene	ND	0.20	ND	1.5		ND			25	
1,1,1-Trichloroethane	ND	0.20	ND	1.1		ND			25	
1,1,2-Trichloroethane	ND	0.20	ND	1.1		ND			25	
Trichloroethylene	ND	0.20	ND	1.1		ND			25	
Trichlorofluoromethane (Freon 11)	ND	0.80	ND	4.5		ND			25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	ND	6.1		ND			25	
1,2,4-Trimethylbenzene	1.9	0.20	9.6	0.98		1.9		4.84	25	
1,3,5-Trimethylbenzene	0.39	0.20	1.9	0.98		0.35		10.8	25	
Vinyl Acetate	ND	4.0	ND	14		ND			25	
Vinyl Chloride	ND	0.20	ND	0.51		ND			25	
m&p-Xylene	2.3	0.40	10	1.7		2.0		15.0	25	
o-Xylene	1.1	0.20	4.6	0.87		0.89		17.6	25	
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>8.89</i>					<i>8.00</i>		<i>111</i>	<i>70-130</i>	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
A-09	Holding times and stability of samples taken in tedlar bags have not been determined
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

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INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S095502-ICV1)			Lab File ID: G23A292017.D			Analyzed: 10/20/23 16:14			
Bromochloromethane (1)	1107131	8.036	1080445	8.03	102	60 - 140	0.0060	+/-0.50	
1,4-Difluorobenzene (1)	2388965	9.804	2308848	9.804	103	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	2148001	14.157	2077591	14.157	103	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S095699-CCV1)			Lab File ID: G23A304007.D			Analyzed: 10/31/23 16:48			
Bromochloromethane (1)	805591	8.036				60 - 140		+/-0.50	
1,4-Difluorobenzene (1)	1971546	9.804				60 - 140		+/-0.50	
Chlorobenzene-d5 (1)	1689512	14.157				60 - 140		+/-0.50	
LCS (B356917-BS1)			Lab File ID: G23A304008.D			Analyzed: 10/31/23 17:27			
Bromochloromethane (1)	804834	8.036	805591	8.036	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1964885	9.804	1971546	9.804	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1659805	14.157	1689512	14.157	98	60 - 140	0.0000	+/-0.50	
Blank (B356917-BLK1)			Lab File ID: G23A304014.D			Analyzed: 10/31/23 21:43			
Bromochloromethane (1)	746883	8.03	805591	8.036	93	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	1771720	9.798	1971546	9.804	90	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	1511884	14.157	1689512	14.157	89	60 - 140	0.0000	+/-0.50	
SVE-EFF (23J3871-02)			Lab File ID: G23A304024.D			Analyzed: 11/01/23 04:41			
Bromochloromethane (1)	636252	8.036	805591	8.036	79	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1588810	9.804	1971546	9.804	81	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1436712	14.157	1689512	14.157	85	60 - 140	0.0000	+/-0.50	
Duplicate (B356917-DUP1)			Lab File ID: G23A304025.D			Analyzed: 11/01/23 05:21			
Bromochloromethane (1)	595767	8.036	805591	8.036	74	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1573710	9.798	1971546	9.804	80	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	1443581	14.157	1689512	14.157	85	60 - 140	0.0000	+/-0.50	
SVE-INF (23J3871-01)			Lab File ID: G23A304026.D			Analyzed: 11/01/23 06:01			
Bromochloromethane (1)	568948	8.036	805591	8.036	71	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1610443	9.804	1971546	9.804	82	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1493891	14.157	1689512	14.157	88	60 - 140	0.0000	+/-0.50	
SVE-INF (23J3871-01RE1)			Lab File ID: G23A304027.D			Analyzed: 11/01/23 06:43			
Bromochloromethane (1)	618627	8.036	805591	8.036	77	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1663022	9.804	1971546	9.804	84	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1506670	14.157	1689512	14.157	89	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S095699-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	4.83	1.253837	1.210208		-3.5	30
Benzene	A	5.00	4.45	0.8684626	0.7731037		-11.0	30
Benzyl chloride	A	5.00	5.40	0.8291125	0.8949093		7.9	30
Bromodichloromethane	A	5.00	4.58	0.6466079	0.5918596		-8.5	30
Bromoform	A	5.00	5.76	0.49181	0.5665181		15.2	30
Bromomethane	A	5.00	5.30	0.6520647	0.6915172		6.1	30
1,3-Butadiene	A	5.00	4.88	0.6183458	0.6030911		-2.5	30
2-Butanone (MEK)	A	5.00	4.64	1.368491	1.270848		-7.1	30
Carbon Disulfide	A	5.00	5.18	1.860708	1.927136		3.6	30
Carbon Tetrachloride	A	5.00	5.38	0.5028663	0.5414951		7.7	30
Chlorobenzene	A	5.00	4.51	0.7938095	0.7155515		-9.9	30
Chloroethane	A	5.00	4.94	0.3867242	0.3821691		-1.2	30
Chloroform	A	5.00	5.29	1.333154	1.410715		5.8	30
Chloromethane	A	5.00	5.06	0.8060089	0.8157509		1.2	30
Cyclohexane	A	5.00	4.46	0.3263662	0.2913206		-10.7	30
Dibromochloromethane	A	5.00	5.31	0.5690602	0.6043307		6.2	30
1,2-Dibromoethane (EDB)	A	5.00	4.74	0.5508419	0.5227554		-5.1	30
1,2-Dichlorobenzene	A	5.00	5.10	0.611771	0.6243621		2.1	30
1,3-Dichlorobenzene	A	5.00	5.10	0.6655601	0.6788232		2.0	30
1,4-Dichlorobenzene	A	5.00	5.08	0.6548725	0.6657714		1.7	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.70	1.473649	1.680779		14.1	30
1,1-Dichloroethane	A	5.00	4.74	1.285457	1.218198		-5.2	30
1,2-Dichloroethane	A	5.00	5.37	0.8583468	0.9212874		7.3	30
1,1-Dichloroethylene	A	5.00	5.07	1.158191	1.174079		1.4	30
cis-1,2-Dichloroethylene	A	5.00	4.89	0.8951228	0.8753504		-2.2	30
trans-1,2-Dichloroethylene	A	5.00	4.89	0.9491098	0.9290392		-2.1	30
1,2-Dichloropropane	A	5.00	3.70	0.3842394	0.2846927		-25.9	30
cis-1,3-Dichloropropene	A	5.00	4.50	0.4877278	0.4387736		-10.0	30
trans-1,3-Dichloropropene	A	5.00	4.76	0.418464	0.3980275		-4.9	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	A	5.00	6.31	1.77016	2.233938		26.2	30
1,4-Dioxane	A	5.00	5.08	0.1395506	0.141631		1.5	30
Ethanol	A	5.00	4.50	0.2248459	0.2025008		-9.9	30
Ethyl Acetate	A	5.00	4.82	0.2444423	0.2358557		-3.5	30
Ethylbenzene	A	5.00	4.85	1.272472	1.234631		-3.0	30
4-Ethyltoluene	A	5.00	5.17	1.205175	1.24616		3.4	30
Heptane	A	5.00	4.08	0.2773277	0.2261973		-18.4	30
Hexachlorobutadiene	A	5.00	5.70	0.4305931	0.4907434		14.0	30
Hexane	A	5.00	4.55	0.788215	0.7177756		-8.9	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S095699-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	4.33	0.6981037	0.6040731		-13.5	30
Isopropanol	A	5.00	4.77	1.42045	1.353989		-4.7	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	5.61	1.657241	1.858593		12.1	30
Methylene Chloride	A	5.00	4.22	0.9400837	0.7936514		-15.6	30
4-Methyl-2-pentanone (MIBK)	A	5.00	3.99	0.7265234	0.5795671		-20.2	30
Naphthalene	A	5.00	5.97	0.7516814	0.8979464		19.5	30
Propene	A	5.00	4.98	0.7565424	0.7537264		-0.4	30
Styrene	A	5.00	5.00	0.6906671	0.6908437		0.03	30
1,1,2,2-Tetrachloroethane	A	5.00	4.20	0.8772082	0.7375611		-15.9	30
Tetrachloroethylene	A	5.00	5.12	0.4521555	0.4626614		2.3	30
Tetrahydrofuran	A	5.00	5.29	0.2526171	0.2671073		5.7	30
Toluene	A	5.00	4.80	1.010526	0.9709019		-3.9	30
1,2,4-Trichlorobenzene	A	5.00	5.87	0.4029642	0.4733343		17.5	30
1,1,1-Trichloroethane	A	5.00	5.08	0.5448066	0.5538533		1.7	30
1,1,2-Trichloroethane	A	5.00	4.55	0.3695607	0.3360535		-9.1	30
Trichloroethylene	A	5.00	4.48	0.3627816	0.3249998		-10.4	30
Trichlorofluoromethane (Freon 11)	A	5.00	6.06	1.654139	2.005198		21.2	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	5.00	5.50	1.276629	1.405622		10.1	30
1,2,4-Trimethylbenzene	A	5.00	5.08	0.9638546	0.9783123		1.5	30
1,3,5-Trimethylbenzene	A	5.00	4.99	1.010116	1.007744		-0.2	30
Vinyl Acetate	A	5.00	4.48	1.441788	1.304956		-9.5	30
Vinyl Chloride	A	5.00	4.94	0.8419547	0.8310202		-1.3	30
m&p-Xylene	A	10.0	9.66	0.9796309	0.9493624		-3.1	30
o-Xylene	A	5.00	4.75	0.9863106	0.9372638		-5.0	30

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

* Values outside of QC limits

CERTIFICATIONS

Certified Analyses included in this Report

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

CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
NJ	New Jersey DEP	MA007 NELAP	06/30/2024
FL	Florida Department of Health	E871027 NELAP	06/30/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2023

Phone: 413-525-2332
Fax: 413-525-6405

Access CDC's and Support Requests

Company Name: **HKP Associates**

Address: **197 Scott Swamp Rd**

Phone: **Farmington CT**

Project Name: **NYS site # 130072**

Project Location: **110 Cutcheon Hill Rd Great Neck, NY**

Project Number: **DEC 10070M**

Project Manager: **Derek Roy**

Pace Quote Name/Number:

Invoice Recipient: **Dave Adam**

Sampled By: **Dave Adam**

ANALYSIS REQUESTED

Requested Turnaround Time: 7-Day PFAS 10-Day (std) 10-Day Due Date: _____

Rush-Approval (Required): 1-Day 2-Day 3-Day 4-Day

Format: PDF EXCEL Other: _____

CLP Like Data Plg Required:

Email To: _____ Fax To #: _____

Disinfectant Samples: Field Filtered Lab to Filter

Orthophosphate Samples: Field Filtered Lab to Filter

PCB ONLY

SOXHLET

NON SOXHLET

Matrix Code: _____

Conc Code: _____

Ending Date/Time: _____

CDMP Grab: _____

VIALS: _____

GLASS: _____

PLASTIC: _____

BACTERIA: _____

ENCORE: _____

Beginning Date/Time: **10/26/23 10:20:22 AM**

CDMP Grab: **grab A**

Ending Date/Time: **10/26/23 2:15p**

CDMP Grab: **grab A**

Client Sample ID / Description: **01 SUE - INF**

Client Sample ID / Description: **02 SUE - EFF**

Client Sample ID / Description: _____

Relinquished by: (signature) **[Signature]**

Received by: (signature) **[Signature]**

17 Preservation Code

Courier Use Only

Total Number Of:

VIALS _____

GLASS _____

PLASTIC _____

BACTERIA _____

ENCORE _____

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Pace Analytical is not responsible for missing samples from prepacked coolers

1 Matrix Codes:

GW = Ground Water

WW = Waste Water

DW = Drinking Water

A = Air

S = Soil

SL = Sludge

SOL = Solid

O = Other (please define)

2 Preservation Codes:

I = Iced

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium Bisulfate

X = Sodium Hydroxide

T = Sodium Thiosulfate

O = Other (please define)

Client Comments: **Tedko bags NYS project site # 130072 Bill directly to NYSDEC Payson Long P.A.**

Detection Limits Requirements: **MA**

Special Requirements: **MA MCP Required**

MCP Certification Form Required:

CT RCP Required:

RCP Certification Form Required:

MA State DW Required:

PWSID #: _____

Project Entity: Government Federal City

Municipality: 21 J Brownfield

MWRA School MBTA:

WRTA:

Other: Chromatogram ALPHA-LAP, LLC

NEIAC and ALPHA-LAP, LLC Accredited

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Pace Analytical values your partnership on each project and will try to assist with missing information, but will not be held accountable.

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

Log In Back-Sheet

Client HRP ASSOCIATES

Project NYS SITE # 130072

MCP/RCP Required _____

Deliverable Package Requirement _____

Location 110 CATTERRILL RD GREAT NECK, NY

PWSID# (When Applicable) _____

Arrival Method COURIER

Received By / Date / Time MEM 10/27/23 1620

Back-Sheet By / Date / Time KMC 10/30/23 1000

Temperature Method _____ # _____

Temp ≤ 6° C Actual Temperature _____

Rush Samples: Yes / No _____ Notify _____

Short Hold: Yes / No _____ Notify _____

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

	True	False
Received on Ice	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Received in Cooler	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Custody Seal: DATE TIME	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC Relinquished	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC/Samples Labels Agree	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All Samples in Good Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples Received within Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there enough Volume	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proper Media/Container Used	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Individually Certified Cans	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trip Blanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC Legible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC Included: (Check all included)		
Client <input checked="" type="checkbox"/>	Analysis <input checked="" type="checkbox"/>	Sampler Name <input checked="" type="checkbox"/>
Project <input checked="" type="checkbox"/>	IDs <input checked="" type="checkbox"/>	Collection Date/Time <input checked="" type="checkbox"/>

Notes regarding Samples/COC outside of SOP:

Container	#	Size	Regulator	Duration	Accessories	
Summa Cans					Nut/Ferrule	IC Train
Tedlar Bags	2				Tubing	
TO-17 Tubes					T-Connector	Shipping Charges
Radiello					Syringe	
Pufs/ TO-11					Tedlar	2

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

November 1, 2023

Payson Long
NYDEC_HRP Associates, Inc. - Farmington, CT
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 110 Cuttermill Rd, Great Neck, NY
Client Job Number:
Project Number: 130072
Laboratory Work Order Number: 23J3874

Enclosed are results of analyses for samples as received by the laboratory on October 27, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

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NYDEC_HRP Associates, Inc. - Farmington, CT
197 Scott Swamp Road
Farmington, CT 06032
ATTN: Payson Long

REPORT DATE: 11/1/2023

PURCHASE ORDER NUMBER: 141716

PROJECT NUMBER: 130072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23J3874

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

PROJECT LOCATION: 110 Cuttermill Rd, Great Neck, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
11A	23J3874-01	Indoor air		EPA TO-15	
21A	23J3874-02	Indoor air		EPA TO-15	
30A	23J3874-03	Ambient Air		EPA TO-15	

CASE NARRATIVE SUMMARY

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

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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

ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: 11A
Sample ID: 23J3874-01
 Sample Matrix: Indoor air
 Sampled: 10/26/2023 12:40

 Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2158
 Canister Size: 6 liter
 Flow Controller ID: 3758
 Sample Type: 6 hr

Work Order: 23J3874
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -2.6
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	9.3	1.4		22	3.3	0.698	10/30/23 21:10	KMC	
Benzene	0.59	0.035		1.9	0.11	0.698	10/30/23 21:10	KMC	
Benzyl chloride	ND	0.035		ND	0.18	0.698	10/30/23 21:10	KMC	
Bromodichloromethane	ND	0.035		ND	0.23	0.698	10/30/23 21:10	KMC	
Bromoform	ND	0.035		ND	0.36	0.698	10/30/23 21:10	KMC	
Bromomethane	ND	0.035		ND	0.14	0.698	10/30/23 21:10	KMC	
1,3-Butadiene	ND	0.035		ND	0.077	0.698	10/30/23 21:10	KMC	
2-Butanone (MEK)	ND	1.4		ND	4.1	0.698	10/30/23 21:10	KMC	
Carbon Disulfide	ND	0.35		ND	1.1	0.698	10/30/23 21:10	KMC	
Carbon Tetrachloride	0.073	0.035		0.46	0.22	0.698	10/30/23 21:10	KMC	
Chlorobenzene	ND	0.035		ND	0.16	0.698	10/30/23 21:10	KMC	
Chloroethane	ND	0.035		ND	0.092	0.698	10/30/23 21:10	KMC	
Chloroform	0.064	0.035		0.31	0.17	0.698	10/30/23 21:10	KMC	
Chloromethane	0.45	0.070		0.92	0.14	0.698	10/30/23 21:10	KMC	
Cyclohexane	0.25	0.035		0.85	0.12	0.698	10/30/23 21:10	KMC	
Dibromochloromethane	ND	0.035		ND	0.30	0.698	10/30/23 21:10	KMC	
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.698	10/30/23 21:10	KMC	
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.698	10/30/23 21:10	KMC	
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.698	10/30/23 21:10	KMC	
1,4-Dichlorobenzene	0.16	0.035		0.99	0.21	0.698	10/30/23 21:10	KMC	
Dichlorodifluoromethane (Freon 12)	0.44	0.035		2.2	0.17	0.698	10/30/23 21:10	KMC	
1,1-Dichloroethane	ND	0.035		ND	0.14	0.698	10/30/23 21:10	KMC	
1,2-Dichloroethane	ND	0.035		ND	0.14	0.698	10/30/23 21:10	KMC	
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23 21:10	KMC	
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23 21:10	KMC	
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23 21:10	KMC	
1,2-Dichloropropane	ND	0.035		ND	0.16	0.698	10/30/23 21:10	KMC	
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.698	10/30/23 21:10	KMC	
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.698	10/30/23 21:10	KMC	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.24	0.698	10/30/23 21:10	KMC	
1,4-Dioxane	ND	0.35		ND	1.3	0.698	10/30/23 21:10	KMC	
Ethanol	17	1.4		32	2.6	0.698	10/30/23 21:10	KMC	
Ethyl Acetate	0.59	0.35		2.1	1.3	0.698	10/30/23 21:10	KMC	
Ethylbenzene	0.32	0.035		1.4	0.15	0.698	10/30/23 21:10	KMC	
4-Ethyltoluene	0.054	0.035		0.27	0.17	0.698	10/30/23 21:10	KMC	
Heptane	0.36	0.035		1.5	0.14	0.698	10/30/23 21:10	KMC	
Hexachlorobutadiene	ND	0.035		ND	0.37	0.698	10/30/23 21:10	KMC	

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ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: 11A
Sample ID: 23J3874-01
 Sample Matrix: Indoor air
 Sampled: 10/26/2023 12:40

 Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2158
 Canister Size: 6 liter
 Flow Controller ID: 3758
 Sample Type: 6 hr

Work Order: 23J3874
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -2.6
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	1.4		ND	4.9	0.698	10/30/23 21:10	KMC	
2-Hexanone (MBK)	0.54	0.035		2.2	0.14	0.698	10/30/23 21:10	KMC	
Isopropanol	6.0	1.4		15	3.4	0.698	10/30/23 21:10	KMC	
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.698	10/30/23 21:10	KMC	
Methylene Chloride	ND	0.35		ND	1.2	0.698	10/30/23 21:10	KMC	
4-Methyl-2-pentanone (MIBK)	ND	0.035		ND	0.14	0.698	10/30/23 21:10	KMC	
Naphthalene	0.053	0.035		0.28	0.18	0.698	10/30/23 21:10	KMC	
Propene	2.4	1.4		4.0	2.4	0.698	10/30/23 21:10	KMC	
Styrene	0.15	0.035		0.65	0.15	0.698	10/30/23 21:10	KMC	
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.698	10/30/23 21:10	KMC	
Tetrachloroethylene	1.7	0.035		12	0.24	0.698	10/30/23 21:10	KMC	
Tetrahydrofuran	0.42	0.35		1.2	1.0	0.698	10/30/23 21:10	KMC	
Toluene	2.5	0.035		9.6	0.13	0.698	10/30/23 21:10	KMC	
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.698	10/30/23 21:10	KMC	
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.698	10/30/23 21:10	KMC	
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.698	10/30/23 21:10	KMC	
Trichloroethylene	0.073	0.035		0.39	0.19	0.698	10/30/23 21:10	KMC	
Trichlorofluoromethane (Freon 11)	0.20	0.14		1.1	0.78	0.698	10/30/23 21:10	KMC	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14		ND	1.1	0.698	10/30/23 21:10	KMC	
1,2,4-Trimethylbenzene	0.29	0.035		1.4	0.17	0.698	10/30/23 21:10	KMC	
1,3,5-Trimethylbenzene	0.080	0.035		0.39	0.17	0.698	10/30/23 21:10	KMC	
Vinyl Acetate	ND	0.70		ND	2.5	0.698	10/30/23 21:10	KMC	
Vinyl Chloride	ND	0.035		ND	0.089	0.698	10/30/23 21:10	KMC	
m&p-Xylene	0.96	0.070		4.2	0.30	0.698	10/30/23 21:10	KMC	
o-Xylene	0.38	0.035		1.6	0.15	0.698	10/30/23 21:10	KMC	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	103	70-130	10/30/23 21:10

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

ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: 21A
Sample ID: 23J3874-02
 Sample Matrix: Indoor air
 Sampled: 10/26/2023 14:04

 Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1165
 Canister Size: 6 liter
 Flow Controller ID: 3759
 Sample Type: 6 hr

Work Order: 23J3874
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -3.1
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	16	1.4		39	3.3	0.698	10/30/23	21:42	KMC
Benzene	0.83	0.035		2.7	0.11	0.698	10/30/23	21:42	KMC
Benzyl chloride	ND	0.035		ND	0.18	0.698	10/30/23	21:42	KMC
Bromodichloromethane	ND	0.035		ND	0.23	0.698	10/30/23	21:42	KMC
Bromoform	ND	0.035		ND	0.36	0.698	10/30/23	21:42	KMC
Bromomethane	ND	0.035		ND	0.14	0.698	10/30/23	21:42	KMC
1,3-Butadiene	ND	0.035		ND	0.077	0.698	10/30/23	21:42	KMC
2-Butanone (MEK)	ND	1.4		ND	4.1	0.698	10/30/23	21:42	KMC
Carbon Disulfide	ND	0.35		ND	1.1	0.698	10/30/23	21:42	KMC
Carbon Tetrachloride	0.076	0.035		0.48	0.22	0.698	10/30/23	21:42	KMC
Chlorobenzene	ND	0.035		ND	0.16	0.698	10/30/23	21:42	KMC
Chloroethane	ND	0.035		ND	0.092	0.698	10/30/23	21:42	KMC
Chloroform	0.057	0.035		0.28	0.17	0.698	10/30/23	21:42	KMC
Chloromethane	0.46	0.070		0.95	0.14	0.698	10/30/23	21:42	KMC
Cyclohexane	0.47	0.035		1.6	0.12	0.698	10/30/23	21:42	KMC
Dibromochloromethane	ND	0.035		ND	0.30	0.698	10/30/23	21:42	KMC
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.698	10/30/23	21:42	KMC
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.698	10/30/23	21:42	KMC
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.698	10/30/23	21:42	KMC
1,4-Dichlorobenzene	0.32	0.035		1.9	0.21	0.698	10/30/23	21:42	KMC
Dichlorodifluoromethane (Freon 12)	0.47	0.035		2.3	0.17	0.698	10/30/23	21:42	KMC
1,1-Dichloroethane	ND	0.035		ND	0.14	0.698	10/30/23	21:42	KMC
1,2-Dichloroethane	ND	0.035		ND	0.14	0.698	10/30/23	21:42	KMC
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23	21:42	KMC
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23	21:42	KMC
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23	21:42	KMC
1,2-Dichloropropane	ND	0.035		ND	0.16	0.698	10/30/23	21:42	KMC
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.698	10/30/23	21:42	KMC
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.698	10/30/23	21:42	KMC
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.24	0.698	10/30/23	21:42	KMC
1,4-Dioxane	ND	0.35		ND	1.3	0.698	10/30/23	21:42	KMC
Ethanol	20	1.4		37	2.6	0.698	10/30/23	21:42	KMC
Ethyl Acetate	0.59	0.35		2.1	1.3	0.698	10/30/23	21:42	KMC
Ethylbenzene	0.42	0.035		1.8	0.15	0.698	10/30/23	21:42	KMC
4-Ethyltoluene	0.067	0.035		0.33	0.17	0.698	10/30/23	21:42	KMC
Heptane	0.57	0.035		2.3	0.14	0.698	10/30/23	21:42	KMC
Hexachlorobutadiene	ND	0.035		ND	0.37	0.698	10/30/23	21:42	KMC

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ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: 21A
Sample ID: 23J3874-02
 Sample Matrix: Indoor air
 Sampled: 10/26/2023 14:04

 Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1165
 Canister Size: 6 liter
 Flow Controller ID: 3759
 Sample Type: 6 hr

Work Order: 23J3874
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -3.1
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	1.6	1.4		5.8	4.9	0.698	10/30/23	21:42	KMC
2-Hexanone (MBK)	ND	0.035		ND	0.14	0.698	10/30/23	21:42	KMC
Isopropanol	2.4	1.4		5.9	3.4	0.698	10/30/23	21:42	KMC
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.698	10/30/23	21:42	KMC
Methylene Chloride	ND	0.35		ND	1.2	0.698	10/30/23	21:42	KMC
4-Methyl-2-pentanone (MIBK)	ND	0.035		ND	0.14	0.698	10/30/23	21:42	KMC
Naphthalene	0.050	0.035		0.26	0.18	0.698	10/30/23	21:42	KMC
Propene	2.6	1.4		4.4	2.4	0.698	10/30/23	21:42	KMC
Styrene	0.091	0.035		0.39	0.15	0.698	10/30/23	21:42	KMC
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.698	10/30/23	21:42	KMC
Tetrachloroethylene	0.55	0.035		3.7	0.24	0.698	10/30/23	21:42	KMC
Tetrahydrofuran	1.2	0.35		3.5	1.0	0.698	10/30/23	21:42	KMC
Toluene	3.3	0.035		13	0.13	0.698	10/30/23	21:42	KMC
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.698	10/30/23	21:42	KMC
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.698	10/30/23	21:42	KMC
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.698	10/30/23	21:42	KMC
Trichloroethylene	ND	0.035		ND	0.19	0.698	10/30/23	21:42	KMC
Trichlorofluoromethane (Freon 11)	0.22	0.14		1.3	0.78	0.698	10/30/23	21:42	KMC
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14		ND	1.1	0.698	10/30/23	21:42	KMC
1,2,4-Trimethylbenzene	0.36	0.035		1.8	0.17	0.698	10/30/23	21:42	KMC
1,3,5-Trimethylbenzene	0.11	0.035		0.55	0.17	0.698	10/30/23	21:42	KMC
Vinyl Acetate	ND	0.70		ND	2.5	0.698	10/30/23	21:42	KMC
Vinyl Chloride	ND	0.035		ND	0.089	0.698	10/30/23	21:42	KMC
m&p-Xylene	1.1	0.070		5.0	0.30	0.698	10/30/23	21:42	KMC
o-Xylene	0.43	0.035		1.9	0.15	0.698	10/30/23	21:42	KMC

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	101	70-130	10/30/23 21:42

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ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: 30A
Sample ID: 23J3874-03
 Sample Matrix: Ambient Air
 Sampled: 10/26/2023 14:14

 Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2167
 Canister Size: 6 liter
 Flow Controller ID: 3357
 Sample Type: 6 hr

Work Order: 23J3874
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -3.6
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	9.0	1.4		21	3.3	0.698	10/30/23	22:15	KMC
Benzene	0.89	0.035		2.8	0.11	0.698	10/30/23	22:15	KMC
Benzyl chloride	ND	0.035		ND	0.18	0.698	10/30/23	22:15	KMC
Bromodichloromethane	ND	0.035		ND	0.23	0.698	10/30/23	22:15	KMC
Bromoform	ND	0.035		ND	0.36	0.698	10/30/23	22:15	KMC
Bromomethane	ND	0.035		ND	0.14	0.698	10/30/23	22:15	KMC
1,3-Butadiene	ND	0.035		ND	0.077	0.698	10/30/23	22:15	KMC
2-Butanone (MEK)	ND	1.4		ND	4.1	0.698	10/30/23	22:15	KMC
Carbon Disulfide	ND	0.35		ND	1.1	0.698	10/30/23	22:15	KMC
Carbon Tetrachloride	0.087	0.035		0.55	0.22	0.698	10/30/23	22:15	KMC
Chlorobenzene	ND	0.035		ND	0.16	0.698	10/30/23	22:15	KMC
Chloroethane	ND	0.035		ND	0.092	0.698	10/30/23	22:15	KMC
Chloroform	0.060	0.035		0.29	0.17	0.698	10/30/23	22:15	KMC
Chloromethane	0.46	0.070		0.95	0.14	0.698	10/30/23	22:15	KMC
Cyclohexane	0.30	0.035		1.0	0.12	0.698	10/30/23	22:15	KMC
Dibromochloromethane	ND	0.035		ND	0.30	0.698	10/30/23	22:15	KMC
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.698	10/30/23	22:15	KMC
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.698	10/30/23	22:15	KMC
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.698	10/30/23	22:15	KMC
1,4-Dichlorobenzene	0.14	0.035		0.85	0.21	0.698	10/30/23	22:15	KMC
Dichlorodifluoromethane (Freon 12)	0.49	0.035		2.4	0.17	0.698	10/30/23	22:15	KMC
1,1-Dichloroethane	ND	0.035		ND	0.14	0.698	10/30/23	22:15	KMC
1,2-Dichloroethane	ND	0.035		ND	0.14	0.698	10/30/23	22:15	KMC
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23	22:15	KMC
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23	22:15	KMC
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.698	10/30/23	22:15	KMC
1,2-Dichloropropane	ND	0.035		ND	0.16	0.698	10/30/23	22:15	KMC
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.698	10/30/23	22:15	KMC
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.698	10/30/23	22:15	KMC
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.24	0.698	10/30/23	22:15	KMC
1,4-Dioxane	ND	0.35		ND	1.3	0.698	10/30/23	22:15	KMC
Ethanol	22	1.4		41	2.6	0.698	10/30/23	22:15	KMC
Ethyl Acetate	0.77	0.35		2.8	1.3	0.698	10/30/23	22:15	KMC
Ethylbenzene	0.43	0.035		1.9	0.15	0.698	10/30/23	22:15	KMC
4-Ethyltoluene	0.079	0.035		0.39	0.17	0.698	10/30/23	22:15	KMC
Heptane	0.42	0.035		1.7	0.14	0.698	10/30/23	22:15	KMC
Hexachlorobutadiene	ND	0.035		ND	0.37	0.698	10/30/23	22:15	KMC

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ANALYTICAL RESULTS

 Project Location: 110 Cuttermill Rd, Great Neck, N
 Date Received: 10/27/2023
Field Sample #: 30A
Sample ID: 23J3874-03
 Sample Matrix: Ambient Air
 Sampled: 10/26/2023 14:14

 Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2167
 Canister Size: 6 liter
 Flow Controller ID: 3357
 Sample Type: 6 hr

Work Order: 23J3874
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -3.6
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	1.4		ND	4.9	0.698	10/30/23 22:15	KMC	
2-Hexanone (MBK)	0.25	0.035		1.0	0.14	0.698	10/30/23 22:15	KMC	
Isopropanol	2.2	1.4		5.3	3.4	0.698	10/30/23 22:15	KMC	
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.698	10/30/23 22:15	KMC	
Methylene Chloride	ND	0.35		ND	1.2	0.698	10/30/23 22:15	KMC	
4-Methyl-2-pentanone (MIBK)	ND	0.035		ND	0.14	0.698	10/30/23 22:15	KMC	
Naphthalene	0.063	0.035		0.33	0.18	0.698	10/30/23 22:15	KMC	
Propene	2.4	1.4		4.1	2.4	0.698	10/30/23 22:15	KMC	
Styrene	0.063	0.035		0.27	0.15	0.698	10/30/23 22:15	KMC	
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.698	10/30/23 22:15	KMC	
Tetrachloroethylene	0.81	0.035		5.5	0.24	0.698	10/30/23 22:15	KMC	
Tetrahydrofuran	ND	0.35		ND	1.0	0.698	10/30/23 22:15	KMC	
Toluene	2.7	0.035		10	0.13	0.698	10/30/23 22:15	KMC	
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.698	10/30/23 22:15	KMC	
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.698	10/30/23 22:15	KMC	
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.698	10/30/23 22:15	KMC	
Trichloroethylene	ND	0.035		ND	0.19	0.698	10/30/23 22:15	KMC	
Trichlorofluoromethane (Freon 11)	0.22	0.14		1.2	0.78	0.698	10/30/23 22:15	KMC	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14		ND	1.1	0.698	10/30/23 22:15	KMC	
1,2,4-Trimethylbenzene	0.37	0.035		1.8	0.17	0.698	10/30/23 22:15	KMC	
1,3,5-Trimethylbenzene	0.098	0.035		0.48	0.17	0.698	10/30/23 22:15	KMC	
Vinyl Acetate	ND	0.70		ND	2.5	0.698	10/30/23 22:15	KMC	
Vinyl Chloride	ND	0.035		ND	0.089	0.698	10/30/23 22:15	KMC	
m&p-Xylene	1.2	0.070		5.1	0.30	0.698	10/30/23 22:15	KMC	
o-Xylene	0.43	0.035		1.9	0.15	0.698	10/30/23 22:15	KMC	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	102	70-130	10/30/23 22:15

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Sample Extraction Data
Prep Method:TO-15 Prep
Analytical Method:EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
23J3874-01 [11A]	B356828	1.5	1	N/A	1000	200	430	10/30/23
23J3874-02 [21A]	B356828	1.5	1	N/A	1000	200	430	10/30/23
23J3874-03 [30A]	B356828	1.5	1	N/A	1000	200	430	10/30/23

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
Batch B356828 - TO-15 Prep											
Blank (B356828-BLK1)						Prepared & Analyzed: 10/30/23					
Acetone	ND	0.80									
Benzene	ND	0.020									
Benzyl chloride	ND	0.020									
Bromodichloromethane	ND	0.020									
Bromoform	ND	0.020									
Bromomethane	ND	0.020									
1,3-Butadiene	ND	0.020									
2-Butanone (MEK)	ND	0.80									
Carbon Disulfide	ND	0.20									
Carbon Tetrachloride	ND	0.020									
Chlorobenzene	ND	0.020									
Chloroethane	ND	0.020									
Chloroform	ND	0.020									
Chloromethane	ND	0.040									
Cyclohexane	ND	0.020									
Dibromochloromethane	ND	0.020									
1,2-Dibromoethane (EDB)	ND	0.020									
1,2-Dichlorobenzene	ND	0.020									
1,3-Dichlorobenzene	ND	0.020									
1,4-Dichlorobenzene	ND	0.020									
Dichlorodifluoromethane (Freon 12)	ND	0.020									
1,1-Dichloroethane	ND	0.020									
1,2-Dichloroethane	ND	0.020									
1,1-Dichloroethylene	ND	0.020									
cis-1,2-Dichloroethylene	ND	0.020									
trans-1,2-Dichloroethylene	ND	0.020									
1,2-Dichloropropane	ND	0.020									
cis-1,3-Dichloropropene	ND	0.020									
trans-1,3-Dichloropropene	ND	0.020									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.020									
1,4-Dioxane	ND	0.20									
Ethanol	ND	0.80									
Ethyl Acetate	ND	0.20									
Ethylbenzene	ND	0.020									
4-Ethyltoluene	ND	0.020									
Heptane	ND	0.020									
Hexachlorobutadiene	ND	0.020									
Hexane	ND	0.80									
2-Hexanone (MBK)	ND	0.020									
Isopropanol	ND	0.80									
Methyl tert-Butyl Ether (MTBE)	ND	0.020									
Methylene Chloride	ND	0.20									
4-Methyl-2-pentanone (MIBK)	ND	0.020									
Naphthalene	ND	0.020									
Propene	ND	0.80									
Styrene	ND	0.020									

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

QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	RPD
	Results	RL	Results	RL	ppbv	Result	Limits	Limits	Limit	Limit	Flag/Qual

Batch B356828 - TO-15 Prep
Blank (B356828-BLK1)

Prepared & Analyzed: 10/30/23

1,1,2,2-Tetrachloroethane	ND	0.020
Tetrachloroethylene	ND	0.020
Tetrahydrofuran	ND	0.20
Toluene	ND	0.020
1,2,4-Trichlorobenzene	ND	0.020
1,1,1-Trichloroethane	ND	0.020
1,1,2-Trichloroethane	ND	0.020
Trichloroethylene	ND	0.020
Trichlorofluoromethane (Freon 11)	ND	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.080
1,2,4-Trimethylbenzene	ND	0.020
1,3,5-Trimethylbenzene	ND	0.020
Vinyl Acetate	ND	0.40
Vinyl Chloride	ND	0.020
m&p-Xylene	ND	0.040
o-Xylene	ND	0.020

<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>7.60</i>	<i>8.00</i>	<i>95.0</i>	<i>70-130</i>
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LCS (B356828-BS1)

Prepared & Analyzed: 10/30/23

Acetone	3.67	5.00	73.5	70-130
Benzene	4.90	5.00	97.9	70-130
Benzyl chloride	5.14	5.00	103	70-130
Bromodichloromethane	4.60	5.00	91.9	70-130
Bromoform	5.33	5.00	107	70-130
Bromomethane	5.04	5.00	101	70-130
1,3-Butadiene	4.38	5.00	87.7	70-130
2-Butanone (MEK)	4.71	5.00	94.2	70-130
Carbon Disulfide	4.95	5.00	99.0	70-130
Carbon Tetrachloride	4.82	5.00	96.4	70-130
Chlorobenzene	5.02	5.00	100	70-130
Chloroethane	4.36	5.00	87.3	70-130
Chloroform	5.43	5.00	109	70-130
Chloromethane	4.35	5.00	87.1	70-130
Cyclohexane	4.97	5.00	99.4	70-130
Dibromochloromethane	5.28	5.00	106	70-130
1,2-Dibromoethane (EDB)	4.67	5.00	93.4	70-130
1,2-Dichlorobenzene	4.75	5.00	95.1	70-130
1,3-Dichlorobenzene	5.57	5.00	111	70-130
1,4-Dichlorobenzene	5.42	5.00	108	70-130
Dichlorodifluoromethane (Freon 12)	4.69	5.00	93.8	70-130
1,1-Dichloroethane	4.18	5.00	83.5	70-130
1,2-Dichloroethane	4.56	5.00	91.1	70-130
1,1-Dichloroethylene	4.43	5.00	88.6	70-130
cis-1,2-Dichloroethylene	5.23	5.00	105	70-130
trans-1,2-Dichloroethylene	4.26	5.00	85.1	70-130
1,2-Dichloropropane	5.17	5.00	103	70-130

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QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
Batch B356828 - TO-15 Prep											
LCS (B356828-BS1)						Prepared & Analyzed: 10/30/23					
cis-1,3-Dichloropropene	4.78				5.00		95.6	70-130			
trans-1,3-Dichloropropene	4.82				5.00		96.5	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.51				5.00		90.2	70-130			
1,4-Dioxane	4.76				5.00		95.2	70-130			
Ethanol	4.67				5.00		93.4	70-130			
Ethyl Acetate	4.35				5.00		87.0	70-130			
Ethylbenzene	5.03				5.00		101	70-130			
4-Ethyltoluene	4.95				5.00		99.0	70-130			
Heptane	4.94				5.00		98.8	70-130			
Hexachlorobutadiene	4.21				4.25		99.1	70-130			
Hexane	4.81				5.00		96.2	70-130			
2-Hexanone (MBK)	4.63				5.00		92.6	70-130			
Isopropanol	3.60				5.00		72.0	70-130			
Methyl tert-Butyl Ether (MTBE)	4.19				5.00		83.8	70-130			
Methylene Chloride	4.17				5.00		83.4	70-130			
4-Methyl-2-pentanone (MIBK)	5.04				5.00		101	70-130			
Naphthalene	3.34				3.68		90.8	70-130			
Propene	5.95				5.00		119	70-130			
Styrene	4.98				5.00		99.6	70-130			
1,1,2,2-Tetrachloroethane	5.00				5.00		99.9	70-130			
Tetrachloroethylene	5.45				5.00		109	70-130			
Tetrahydrofuran	5.08				5.00		102	70-130			
Toluene	5.01				5.00		100	70-130			
1,2,4-Trichlorobenzene	3.61				3.90		92.5	70-130			
1,1,1-Trichloroethane	4.43				5.00		88.6	70-130			
1,1,2-Trichloroethane	5.35				5.00		107	70-130			
Trichloroethylene	4.69				5.00		93.8	70-130			
Trichlorofluoromethane (Freon 11)	4.55				5.00		91.1	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.94				5.00		98.8	70-130			
1,2,4-Trimethylbenzene	4.81				5.00		96.3	70-130			
1,3,5-Trimethylbenzene	4.94				5.00		98.9	70-130			
Vinyl Acetate	4.50				5.00		90.0	70-130			
Vinyl Chloride	4.74				5.00		94.8	70-130			
m&p-Xylene	10.3				10.0		103	70-130			
o-Xylene	4.94				5.00		98.8	70-130			
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>8.34</i>				<i>8.00</i>		<i>104</i>	<i>70-130</i>			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S091464-ICV1)			Lab File ID: L23A214020.D			Analyzed: 08/02/23 23:42			
Bromochloromethane (1)	300782	2.867	314027	2.871	96	60 - 140	-0.0040	+/-0.50	
1,4-Difluorobenzene (1)	878479	3.54	895773	3.54	98	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	823159	5.202	837397	5.202	98	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S095657-CCV1)			Lab File ID: L23A303004.D			Analyzed: 10/30/23 09:59			
Bromochloromethane (1)	235529	2.865				60 - 140		+/-0.50	
1,4-Difluorobenzene (1)	737325	3.539				60 - 140		+/-0.50	
Chlorobenzene-d5 (1)	655919	5.196				60 - 140		+/-0.50	
LCS (B356828-BS1)			Lab File ID: L23A303005.D			Analyzed: 10/30/23 10:25			
Bromochloromethane (1)	234964	2.866	235529	2.865	100	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	739757	3.539	737325	3.539	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	665963	5.196	655919	5.196	102	60 - 140	0.0000	+/-0.50	
Blank (B356828-BLK1)			Lab File ID: L23A303008.D			Analyzed: 10/30/23 11:58			
Bromochloromethane (1)	236801	2.865	235529	2.865	101	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	623934	3.538	737325	3.539	85	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	592544	5.199	655919	5.196	90	60 - 140	0.0030	+/-0.50	
I1A (23J3874-01)			Lab File ID: L23A303028.D			Analyzed: 10/30/23 21:10			
Bromochloromethane (1)	219719	2.866	235529	2.865	93	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	657540	3.539	737325	3.539	89	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	608958	5.196	655919	5.196	93	60 - 140	0.0000	+/-0.50	
21A (23J3874-02)			Lab File ID: L23A303029.D			Analyzed: 10/30/23 21:42			
Bromochloromethane (1)	226437	2.866	235529	2.865	96	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	657693	3.539	737325	3.539	89	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	612565	5.196	655919	5.196	93	60 - 140	0.0000	+/-0.50	
30A (23J3874-03)			Lab File ID: L23A303030.D			Analyzed: 10/30/23 22:15			
Bromochloromethane (1)	221905	2.866	235529	2.865	94	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	644907	3.539	737325	3.539	87	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	597684	5.196	655919	5.196	91	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S095657-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	3.74	1.122255	0.8385481		-25.3	30
Benzene	A	5.00	5.05	0.7254293	0.7332951		1.1	30
Benzyl chloride	A	5.00	5.40	0.65192	0.7043089		8.0	30
Bromodichloromethane	A	5.00	4.89	0.5567047	0.5447519		-2.1	30
Bromoform	A	5.00	5.63	0.4926101	0.5544855		12.6	30
Bromomethane	A	5.00	4.96	0.6308676	0.6254313		-0.9	30
1,3-Butadiene	A	5.00	4.39	0.551149	0.4840916		-12.2	30
2-Butanone (MEK)	A	5.00	4.58	1.381604	1.26502		-8.4	30
Carbon Disulfide	A	5.00	4.80	2.063757	1.981989		-4.0	30
Carbon Tetrachloride	A	5.00	4.84	0.5110368	0.4943058		-3.3	30
Chlorobenzene	A	5.00	5.39	0.7219812	0.7783278		7.8	30
Chloroethane	A	5.00	4.19	0.411751	0.3448034		-16.3	30
Chloroform	A	5.00	5.46	1.439332	1.572644		9.3	30
Chloromethane	A	5.00	4.86	0.6101459	0.5925045		-2.9	30
Cyclohexane	A	5.00	4.97	0.3030286	0.3012967		-0.6	30
Dibromochloromethane	A	5.00	5.56	0.5644122	0.6278605		11.2	30
1,2-Dibromoethane (EDB)	A	5.00	5.05	0.5076449	0.5124121		0.9	30
1,2-Dichlorobenzene	A	5.00	5.41	0.6234765	0.6745052		8.2	30
1,3-Dichlorobenzene	A	5.00	6.20	0.6267236	0.7775911		24.1	30
1,4-Dichlorobenzene	A	5.00	5.95	0.5801365	0.6905438		19.0	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.16	1.768079	1.823782		3.2	30
1,1-Dichloroethane	A	5.00	4.06	1.392824	1.131709		-18.7	30
1,2-Dichloroethane	A	5.00	4.61	0.9772927	0.9007536		-7.8	30
1,1-Dichloroethylene	A	5.00	4.47	1.127187	1.007903		-10.6	30
cis-1,2-Dichloroethylene	A	5.00	5.33	0.908952	0.9690798		6.6	30
trans-1,2-Dichloroethylene	A	5.00	4.01	1.128232	0.9057398		-19.7	30
1,2-Dichloropropane	A	5.00	5.26	0.2601948	0.273666		5.2	30
cis-1,3-Dichloropropene	A	5.00	5.00	0.3962271	0.396547		0.08	30
trans-1,3-Dichloropropene	A	5.00	4.93	0.3522842	0.347622		-1.3	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	A	5.00	5.08	1.784687	1.812274		1.5	30
1,4-Dioxane	A	5.00	4.88	0.1742852	0.1701242		-2.4	30
Ethanol	A	5.00	3.62	0.1732414	0.1255726		-27.5	30
Ethyl Acetate	A	5.00	5.04	0.2390169	0.2408264		0.8	30
Ethylbenzene	A	5.00	5.25	1.176902	1.235931		5.0	30
4-Ethyltoluene	A	5.00	5.24	1.247069	1.307427		4.8	30
Heptane	A	5.00	4.85	0.2286847	0.2217182		-3.0	30
Hexachlorobutadiene	A	5.00	5.11	0.4755616	0.4857746		2.1	30
Hexane	A	5.00	4.66	0.7442178	0.6934314		-6.8	30

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

CONTINUING CALIBRATION CHECK

EPA TO-15

S095657-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	4.80	0.5993899	0.5751613		-4.0	30
Isopropanol	A	5.00	4.00	1.180699	0.9449028		-20.0	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	4.07	2.130891	1.733453		-18.7	30
Methylene Chloride	A	5.00	4.07	0.8716214	0.7088452		-18.7	30
4-Methyl-2-pentanone (MIBK)	A	5.00	5.07	0.2414371	0.2447442		1.4	30
Naphthalene	A	5.00	4.08	0.954618	0.7785693		-18.4	30
Propene	A	5.00	5.80	0.4075236	0.4726925		16.0	30
Styrene	A	5.00	5.40	0.6680173	0.7214452		8.0	30
1,1,2,2-Tetrachloroethane	A	5.00	5.48	0.6838293	0.7491462		9.6	30
Tetrachloroethylene	A	5.00	5.69	0.4174566	0.4749904		13.8	30
Tetrahydrofuran	A	5.00	5.00	0.9111963	0.9112356		0.004	30
Toluene	A	5.00	5.25	0.9385805	0.9850826		5.0	30
1,2,4-Trichlorobenzene	A	5.00	4.44	0.3693275	0.3280137		-11.2	30
1,1,1-Trichloroethane	A	5.00	4.85	0.5075792	0.4923007		-3.0	30
1,1,2-Trichloroethane	A	5.00	5.67	0.309655	0.3509409		13.3	30
Trichloroethylene	A	5.00	4.94	0.3356598	0.3312754		-1.3	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.75	1.816743	1.725681		-5.0	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	5.00	5.03	1.436582	1.445196		0.6	30
1,2,4-Trimethylbenzene	A	5.00	5.36	1.021302	1.095496		7.3	30
1,3,5-Trimethylbenzene	A	5.00	5.41	1.055296	1.142385		8.3	30
Vinyl Acetate	A	5.00	3.88	1.463541	1.137293		-22.3	30
Vinyl Chloride	A	5.00	4.86	0.7105757	0.6909926		-2.8	30
m&p-Xylene	A	10.0	10.8	0.9711506	1.049133		8.0	30
o-Xylene	A	5.00	5.30	0.9550518	1.011762		5.9	30

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

* Values outside of QC limits

CERTIFICATIONS

Certified Analyses included in this Report

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

CERTIFICATIONS
Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
NJ	New Jersey DEP	MA007 NELAP	06/30/2024
FL	Florida Department of Health	E871027 NELAP	06/30/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2023

DOC #378 REV3_11232021

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2333874
 HRP Associates
 197 Scott Swamp Rd Farmington, CT

CHAIN OF CUSTODY RECORD (AIR)

39 Spruce Street
 East Longmeadow, MA 01028

Page 1 of 1

Lab Use		Client Use		Collection Data		Duration		Flow Rate		Matrix		Volume		ANALYSIS REQUESTED		Lab Receipt Pressure		Please fill out completely, sign, date and retain the yellow copy for your records	
Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Total Minutes Sampled	m ³ /min L/min	Code	Liters m ³	Initial Pressure	Final Pressure	Summa Can ID	Flow Controller ID	Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply		For summa canister and flow controller information please refer to Con-Test's Air Media Agreement		Summa canisters must be returned within 15 days of receipt or rental fees will apply		Please fill out completely, sign, date and retain the yellow copy for your records	
01	1IA	10/26/13 10:15	10/26/13 12:50	360		IA		28.3	28.3	2158	3758								
02	2IA	10/26/13 10:25	10/26/13 12:40	458		IA		28.3	28.3	1165	3759								
03	3OA	10/26/13 10:15	10/26/13 2:14	464		OA		30.3	30.3	2167	3357								
Comments: Project NYS site #130072 Bill directly to NYSDEC Payson Long PA																			
Relinquished by: (signature)		Date/Time: 10/27/13		Special Requirements		MCP Certification Form Required		CT RCP Required		RCP Certification Form Required		Other		Please use the following codes to indicate possible sample concentration within the Conc Code column above: H - High; M - Medium; L - Low; C - Clean; U - Unknown		Matrix Codes: SG = SOIL GAS IA = INDOOR AIR AMB = AMBIENT SS = SUB SLAB D = DUP BL = BLANK O = Other		SG = SOIL GAS IA = INDOOR AIR AMB = AMBIENT SS = SUB SLAB D = DUP BL = BLANK O = Other	
Received by: (signature)		Date/Time: 10/27/13 10:44		Municipality		21 J		Brownfield		MWR		School		MBTA		Chromatogram		AIHA-LAP, LLC	
Relinquished by: (signature)		Date/Time: 10/27/13 10:30		Government		Federal		City		Municipality		21 J		Brownfield		MWR		School	
Received by: (signature)		Date/Time: 10/27/13 10:30		Government		Federal		City		Municipality		21 J		Brownfield		MWR		School	
Relinquished by: (signature)		Date/Time: 10/27/13 10:30		Government		Federal		City		Municipality		21 J		Brownfield		MWR		School	
Received by: (signature)		Date/Time: 10/27/13 10:30		Government		Federal		City		Municipality		21 J		Brownfield		MWR		School	



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

Log In Back-Sheet

Client HRP ASSOCIATES
 Project NYS SITE #130072
 MCP/RCP Required _____
 Deliverable Package Requirement _____
 Location 110 Cattermill Rd, Great Neck, NY
 PWSID# (When Applicable) _____
 Arrival Method COURIER
 Received By / Date / Time MEM 10/27/23 1620
 Back-Sheet By / Date / Time KMC 10/30/23 0955
 Temperature Method _____ # _____
 Temp ≤ 6° C Actual Temperature _____
 Rush Samples: Yes / No _____ Notify _____
 Short Hold: Yes / No _____ Notify _____

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

	True	False
Received on Ice	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Received in Cooler	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Custody Seal: DATE TIME	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC Relinquished	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC/Samples Labels Agree	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All Samples in Good Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples Received within Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there enough Volume	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proper Media/Container Used	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Individually Certified Cans	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trip Blanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC Legible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC Included: (Check all included)		
Client <input checked="" type="checkbox"/>	Analysis <input checked="" type="checkbox"/>	Sampler Name <input checked="" type="checkbox"/>
Project <input checked="" type="checkbox"/>	IDs <input checked="" type="checkbox"/>	Collection Date/Time <input checked="" type="checkbox"/>

Notes regarding Samples/COC outside of SOP:

Container	#	Size	Regulator	Duration	Accessories		
Summa Cans	3	6L	3	6hr	Nut/Ferrule		IC Train
Tedlar Bags					Tubing		
TO-17 Tubes					T-Connector		Shipping Charges
Radiello					Syringe		
Pufs/ TO-11					Tedlar		

Can #'s	5	10	15	Regs #'s	5	10	15
1 2158	6	11	16	1 3758	6	11	16
2 1165	7	12	17	2 3759	7	12	17
3 2167	8	13	18	3 3357	8	13	18
4	9	14	19	4	9	14	19
Unused Media	4	9	14	Pufs/TO-17's	5	10	15
1	5	10	15	1	6	11	16
2	6	11	16	2	7	12	17
3	7	12	17	3	8	13	18
4	8	13	18	4	9	14	19

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	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 Performed	Date Due
10	Sprinkler system testing	Annual	N/A	
11	Battery powered emergency lighting tested	Annual	12-19-22	12-19-23
12	Fire Extinguishers annual inspection	Annual	5-12-23	5-12-24
13	Emergency Lighting Testing	Monthly	10-26-23	

Inspected By: *David Adam*
 Inspection Date: *10.26.23*

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2	Smoke alarms tested and functioning	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
3	Water leaks/water damage observed inside building	<input checked="" 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 checked="" 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 checked="" 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	NONE	
11	Battery powered emergency lighting tested	Annual	12-19-22	
12	Fire Extinguishers annual inspection	Annual	5-12-23	5-12-24
13	Emergency Lighting Testing	Monthly	11-29-23	

Inspected By: *David Adam*
 Inspection Date: *11-29-2023*

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 Performed	Date Due
10	Sprinkler system testing	Annual	N/A	
11	Battery powered emergency lighting tested	Annual	12-21-23	12-21-24
12	Fire Extinguishers annual inspection	Annual	5-25-23	5-25-24
13	Emergency Lighting Testing	Monthly	12-21-23	

Inspected By: ~~H-17-22~~ 12-21-23
 Inspection Date: DJA

Other Items Noted: