TOUCHSTONE
ENVIRONMENTAL GEOLOGY P.C.
INNOVATIVE AFFORDABLE ENVIRONMENTAL SOLUTIONS

2024-2025 Annual Periodic Review Report

Reporting Period: February 24, 2024 to March 27, 2025

Former Bon Ton Cleaners Site

1932 Ralph Avenue Brooklyn, New York

Site Number: V00512

Prepared for:

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1.0 EXECUTIVE SUMMARY

A. Nature and Extent of Contamination

Historically, the contaminated media at the former Bon Ton Cleaners Site (the Site) included groundwater and soil vapor. The Site consists of a small shopping center with several retail stores and adjacent parking areas. The primary contaminant is tetrachloroethane (PCE). A program of groundwater remediation including Soil Vapor Extraction (SVE), Air Sparging (AS) and chemical oxidation has been implemented to address the PCE in groundwater and soil vapor below the building and the parking lot of the shopping center. The termination criteria for groundwater outlined in the approved Remedial Action Work Plan (Ref.6) has been achieved.

PCE vapors were detected under the building in the areas occupied by Thriftyway (1940 Ralph Avenue); Golden Krust (1936 Ralph Avenue); Former Bon Ton Cleaners (1932 Ralph Avenue); Former Dunkin Donuts and Glamour Decorating (currently vacant) / Chinese Restaurant (1930 Ralph Avenue); and Telco Dept. Store (1910 - 1924 Ralph Avenue). A Soil Vapor Extraction (SVE) system was installed and operated under these units. The SVE system has since been converted to a more energy efficient Sub-Slab Depressurization (SSD) system.

B. Effectiveness of Remedial Program

The Remedial Program has been effective. The groundwater to soil vapor contamination pathway has been addressed. The SSD system is maintaining a negative pressure under the shopping center building slab at areas identified previously. The SSD system termination criteria for the Telco Dept. Store space (1910-1924) was achieved during the 2014 annual sampling event.

C. Compliance

The site is in compliance. In addition, units 1910-1924, the space occupied by Telco, have achieved the termination criteria.

D. Recommendations

The SSD systems in the units not occupied by Telco should remain in operation until the termination criteria at those spaces are achieved. The operations of the system at 1910-1924 have achieved the termination criteria and may remain off.

2.0 SITE OVERVIEW

A. Site Location, Surrounding Area and Nature & Extent of Contamination Prior to Site Remediation

The following Periodic Review Report (PRR) has been prepared by TOUCHSTONE ENVIRONMENTAL GEOLOGY, PC (TOUCHSTONE) on behalf of Ralph & Flatlands Associates. TOUCHSTONE was retained by Ralph & Flatlands Associates in January, 2024 to monitor and maintain the SSD system. The property is located at the intersection of Ralph Avenue and Flatlands Avenue in Brooklyn, NY and includes street addresses 1900 through 1968 Ralph Avenue. The

address of the former Bon Ton Cleaner unit is 1932 Ralph Avenue (see Figure 1). The surrounding area consists of residential and commercial usage on the northern, southern and western portions of the property. The property directly to the east is a NYCDEP combined overflow facility related to the city sewer system.

This report was prepared in accordance with the NYSDEC's PRR General Guidance document and a Voluntary Cleanup Program (VCP) Agreement, Index Number W-20916-02-03. The VCP Agreement addresses the remediation of an area of the Upper Glacial Aquifer located in the central portion of the property below the former Bon Ton Cleaners (the Site). For the purposes of this document, the contaminants of concern are tetrachloroethane (PCE) and its degradation products.

The scope of testing for the PRR includes indoor air testing at the locations identified in the Site Management Plan (SMP) prepared for this Site (Ref. 12). These include the following locations:

Tenant	Sampling Location(s)
Thriftyway	Basement
Golden Krust Restaurant	Basement
Glamour Decorating (vacant) (former Dunkin Donuts/Chinese Restaurant)	Basement
Former Bon Ton Cleaners (now a law office)	Basement

B. Chronology of Remedial Program

ACT (a former environmental consultant for this project) performed a series of previous investigations at this Site for refinancing purposes (Refs. 1, and 2). Copies of the ACT reports, including the corresponding site maps and laboratory data, are appended to the Investigation Work Plan (Ref. 3). CA RICH Consultants, Inc. performed the follow up investigations and remediation activities.

During the winter of 2002 and spring of 2003, a supplemental subsurface investigation of the Site was performed to determine the nature and extent of contamination at Bon Ton Cleaners (Ref. 5). Based on the results of that investigation, a remedy was designed consisting of two mechanical systems, the cleanout of one concrete sump, and chemical oxidation. The design and installation of the mechanical systems and the cleanout of the sump are described in the Final Engineering Report - Part A and Operations, Maintenance & Monitoring Plan (Ref. 8). The chemical oxidation phase is described in the Final Engineering Report – Part B and Operations, Maintenance & Monitoring Plan (Ref. 9).

Installation of the mechanical remediation systems began in August 2004, and included installation of Soil Vapor Extraction (SVE) wells and Air Sparging (AS) points. The sump was cleaned out on October 15, 2004. The installation of the SVE blower and the AS compressor was completed in March 2005. The AS/SVE system operated from March 29, 2005 through March 29, 2006 when the AS system was shut down. On November 29, 2006, the SVE system was shut down and replaced with four smaller energy efficient Sub-Slab Depressurization (SSD) fans in accordance with NYSDOH's October 2006 Guidance. A Site Management Plan (SMP) was completed for the project in December 2008 and revised in April 2011.

The tenant at the dry cleaners unit (the former Bon Ton Cleaners) vacated the space during 2011. All of the dry cleaning equipment and chemicals were removed at that time. A new tenant, an attorney, moved into the space in November 2011. In accordance with the SMP, one indoor air sample was collected from the ground floor of the attorney's office when he moved into the

space. On January 20, 2012, the NYSDEC issued a release letter regarding the Voluntary Cleanup Agreement for this site.

The following documents prepared for this Site should be reviewed for additional details:

Document	Date
Phase II Environmental Site Assessment, 1890-1960 Ralph Avenue, Brooklyn, New York	June 5, 2001
Phase II Environmental Site Assessment, 1890-1960 Ralph Avenue, Brooklyn, New York	July 23, 2001
Investigation Work Plan Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York	October 2002
Supplemental Investigation Work Plan Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York	May 2003
Investigation Report Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York	October 2003
Remediation Work Plan Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York	April 2004
Pilot Test and Final Design Report Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York	December 2004
Final Engineering Report - Part A and Operations, Maintenance & Monitoring Plan Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York	April 2005
Final Engineering Report - Part B and Operations, Maintenance & Monitoring Plan Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York	May 2006
SSD Pilot Test and Design Report, Bon Ton Cleaners Site, 1932 Ralph Avenue, Brooklyn, New York	November 2006
Final SSD Start-Up Test Report, Bon Ton Cleaners Site, 1932 Ralph Avenue, Brooklyn, New York	June 2008
Site Management Plan, Bon Ton Cleaners 1932 Ralph Avenue, Brooklyn, New York	April, 2011

AS/SVE System Details

Installation of the mechanical remediation systems began during August 2004 and consisted of the installation of SVE wells and AS points. The system consisted of four SVE wells and three AS points. A pilot test of the AS unit was performed on September 23, 2004, while a pilot test of the SVE unit was performed on October 15, 2004. Results of the pilot tests are included in the Final Engineering Report – Part A, and Operations, Maintenance & Monitoring Plan (Ref. 8). The trenching for the underground AS piping was completed in November 2004. The installation of the SVE blower and the AS compressor was completed in March 2005. The AS/SVE system was started-up on March 29, 2005.

The soil vapor was extracted using a Fuji Model VFC604A-7W, 4½-horsepower regenerative blower located in the basement boiler room of Bon Ton Cleaners. The soil vapor passed through a moisture knock-out drum, into the blower, and flowed through a series of three 150-pound vapor-phase carbon drums provided by General Carbon. These were also located in the basement boiler room of Bon Ton Cleaners. In addition, two 165-pound liquid-phase carbon drums provided by General Carbon were placed in the basement boiler room to transfer condensation accumulated in the knock-out drum from the SVE wells. A float-activated sump pump located in the moisture knock-out drum transferred the accumulated condensate to the liquid-phase carbon drums and then to a municipal sewer connection. A two-inch diameter discharge stack was attached to the side of the building with the discharge point above the existing building roof elevation. An electrical connection was made directly from the blower to a utility panel inside the basement boiler room of Bon Ton Cleaners.

The SVE unit operated continuously from March 29, 2005 through November 29, 2006 except from June 7-9, 2005, when the system was down due to a blown fuse. During operation, the valves to all SVE wells were set in the open position and the SVE blower operated at a flow rate of approximately 165 cfm.

Air sparging was achieved using a Curtis-Toledo™ model SES50HS8 5-horsepower reciprocating air compressor and an air-cooled aftercooler. An electro-mechanical timer was also installed to allow the air compressor to cycle off for two hours after every two hours of operation.

From March 29, 2005 to March 29, 2006, the air sparging unit remained in continuous operation except from June 7-9, 2005, when the system was down due to a blown fuse. On March 29, 2006, the air sparging unit was shut down.

Chemical Oxidation Details

On March 7, 2006 and September 19, 2006, 150 gallons of 5% sodium permanganate were applied to three locations around well VW-3 using a Geoprobe™ direct push system. Bulk sodium permanganate was purchased from the Carus Chemical Company at a concentration of 40% and in 5-gallon containers. Using a portable steel-mixing tank, 50-gallon doses of 5% sodium permanganate were prepared by mixing 5 gallons of 40% sodium permanganate with 45 gallons of tap water.

The permanganate was injected through Geoprobe™ macro-core sampling rods using a high-pressure pump. The macro-core rods were driven to 23 feet below grade, where the first injection took place, then retracted at 4-foot intervals for additional applications of permanganate. The permanganate was applied at 4-foot intervals within each point from 8 to 23 feet below grade. The results of the groundwater analyses of water samples collected from this well since the sodium permanganate was applied has indicated a significant decrease in PCE concentrations. Details regarding the design of the chemical oxidation and laboratory results are included in the Final Engineering Report – Part B. (Ref. 9).

Sub-Slab Depressurization System Design and Installation Details

Currently, there is an SSD system operating in the basement boiler room and storage room of the former Bon Ton Cleaners and in the basement common hallway behind Golden Krust and Bon Ton Cleaners. The SSD system was installed on November 29, 2006 and consists of one Fantech® Model HP2190 SSD fan connected to each of the four SVE wells. The SSD system was completed in such a way that each fan can be operated independently. A magnehelic gauge was retrofitted to each of the SVE riser pipes between the slab and the SSD fans for vacuum readings. These magnehelic gauges also serve as warning devices or indicators to ensure that this active system is working properly. In addition, labels were affixed to each of the SSD points indicating the following:

Sub-Slab Depressurization System

This is a component of a Sub-Slab Depressurization System

DO NOT ALTER OR DISCONNECT

For Service call: ISJ Corp. (212) 239-8580

Date Installed: November 29, 2006

The SVE wells are connected to a 2-inch diameter header pipe that exhausts out of the basement boiler room of the former Bon Ton Cleaners. The header pipe discharges to the atmosphere through a rooftop stack whose discharge point is above the existing building roof elevation. Figure 3 illustrates the SSD system layout and vent line location.

On December 13, 2006, an initial start-up test was conducted to confirm that the SSD system was maintaining negative pressure. As part of the start-up test vacuum readings were obtained from the magnehelic gauges attached to each of the SVE riser pipes at SVE-1 through SVE-4 and via hand-held magnehelic gauges at vapor monitoring points VMP-1 through VMP-4 and VMP-6. The magnehelic gauges showed that each SSD fan was maintaining a vacuum of 1.5 inches of H_20. In addition, the vacuum readings at the vapor monitoring points ranged from 0.01 inches of H_20 to 0.12 inches of H_20. The radius of influence is approximately 75 feet based on the readings collected from SVE-3 and VMP-4. This meets or exceeds the design criteria of 50 feet measured in the SSD Pilot Test and Design Report (Ref. 10). After the SSD system was placed into full operation, a second or Final SSD Start-Up test was performed in June 2008 (Ref. 11).

An additional five SSD vents were added in February 2011. One of these vents was added to the rear portion of the basement of the former Dunkin Donuts and Glamour Decorating unit (now vacant) and is connected to a Fantech model 2190 fan. The other four vents were installed in the Telco space and are collectively connected to a Fuji Model VFC604A-7W, 4½-horsepower regenerative blower located on the roof. Operation of the system at Telco was terminated in 2014.

3.0 REMEDIAL PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The remedial actions performed at the Site have been effective and protective of human health. Soil samples collected during the Remedial Investigation did not exceed the prevailing Soil Cleanup Objectives. As such a soil removal action was not required.

PCE was initially detected at a concentration of 761 ug/L in in groundwater at the shallow monitoring well directly down-gradient of the former dry cleaner. Operation of the AS/SVE system coupled with targeted injections of chemical oxidants resulted in cleanup of the on-site groundwater in compliance with the termination criteria outlined in the Remedial Action Work Plan prepared for the project.

Operation of the SVE system also greatly reduced the levels of PCE in the soil vapor below the property in compliance with the Remedial Action Work Plan. Upon achieving the termination criteria for the SVE system, the SVE blower was removed and replaced with energy efficient vapor abatement fans located at each of the SVE vent locations. The Start Up test and the periodic annual indoor air tests confirm the SSD system continues to be operating effectively. A summary of historical PCE results at numerous tenants are included on Table 1. A list of

products stored by the tenants on the date of our visit is included on Table 2. The analytical results from the latest round of indoor air samples are presented in Table 3. The results for PCE ranged from 0.495 to 2.6 ug/m3 during the February 2025 sampling event and from 0.4 to 1.82 ug/m3 during the March 2025 sampling event, which is within the normal background range in NYS and below the NYSDOH indoor air guidance value of 30µug/m^3.

4.0 INSTITUTIONAL CONTROL/ENGINEERING CONTROL (IC/ECs) PLAN

A. IC/EC Requirements and Compliance

The following institutional controls for this Site have been implemented by the property owner: 1) Pursuant to the VCA, a Declaration of Covenants and Restrictions (DCR) was filed with the New York City Register's Office and 2) groundwater beneath the Site will not be used for potable or industrial purposes without treatment unless first obtaining permission to do so from NYSDEC. The property owner has implemented these two institutional controls. The DCR has been amended to indicate that the termination criteria at units 1910 – 1924 has been achieved. A Site Management Plan has also been approved and is being implemented.

B. IC/EC Certification

We certify that the ICs and ECs for this project are: in place and effective; are performing as designed; nothing has occurred that would impair the ability of the controls to protect public health and the environment; no violations have occurred and there were no failures to comply with the Site Management Plan; site access is available to maintain the engineering controls; and, there is no groundwater usage at the site. A PRR Certification Form is attached at the end of this document.

5.0 MONITORING PLAN COMPLIANCE REPORT

Indoor Air Monitoring Procedures

Indoor air is the only media that requires testing under the SMP. In accordance with the SMP, the SSDS is inspected twice a year and indoor air samples are collected on an annual basis at the following locations:

Tenant	Sampling Location(s)
Thriftyway (formerly Go Digital)	Basement
Golden Krust	Basement
Glamour Decorating (now vacant and formerly Dunkin Donuts/ Chinese Restaurant)	Basement
Former Bon Ton Cleaners (now a law office)	Basement

A sample location map is included on Figure 2. Samples were collected using Summa Canisters calibrated to collect air for an 8-hour period. The samples were delivered to an ELAP-approved Laboratory and are analyzed for halogenated volatile organic compounds using EPA Method TO-15. Monitoring of the indoor air will continue as long as the SSD system is in operation unless the NYSDEC indicates monitoring is no longer required.

Sub-Slab Sampling

No sub-slab sampling was required or performed during this sampling event.

Summary of Results

On August 12, 2024 Touchstone mobilized to the site and inspected the SSDS. The SSDS was in good working order. All of the fans has a positive vacuum readings.

On Wednesday, February 19, 2025 Touchstone mobilized to the Site and performed the annual inspection and indoor air sampling required for the PRR. During the inspection, the field technician observed that Fan No. 4 installed on vapor extraction point SVE-4 was not working. (The fan was observed to be working properly during our mid-year inspection event during the

summer of 2024). To correction this situation, a new Fantech model Rn2 (the manufacturer's replacement model for the failed HP2190 fan) was ordered.

Four indoor air samples were collected from the Site on February 19, 2025. The results are as follows:

- Concentrations of Ethanol (max of 720 ug/m3 in GK-2-19), Benzene (max of 1.43 ug/m3 in K-2-19), Toluene (max of 2.33 ug/m3 in LO-2-19), and Carbon Tetrachloride (max of 0.818 ug/m3 in GK-2-19) were identified as greater than the 2024 concentrations in each of the 2025 indoor air samples (TW-2-19, GD-2-19, GK-2-19, and LO-2-19). Concentrations of Tetrachloroethene (max of 2.6 ug/m3 in GD-2-19), Dichlorodifluoromethane (max of 3.44 ug/m3 in GD-2-19), Chloromethane (max of 1.75 ug/m3 in GD-2-19), and Chloroform (max of 10.2 ug/m3 in GD-2-19) were identified to be greater than the 2024 concentrations in three of the 2025 indoor air samples (TW-2-19, GD-2-19, and LO-2-19). Concentrations of n-Hexane (max of 1.59 ug/m3 in TW-2-19) were identified as greater than the 2024 concentrations in three of the 2025 indoor air samples (TW-2-19, GD-2-19, and GK-2-19). Concentrations of Trichloroethene (max of 0.247 ug/m3 in GD-2-19) were identified as greater than the 2024 concentrations in two of the 2025 indoor air samples (GD-2-19 and GK-2-19). Concentrations of Trichlorofluoromethane (8.54 ug/m3 in GD-2-19), isopropanol (683 ug/m3 in TW-2-19), Vinyl Chloride (0.225 ug/m3 in GK-2-19), and 1,1-Dichloroethene (0.123 ug/m3 in GK-2-19) were each identified as greater than the 2024 concentrations in one of the 2025 indoor air samples.

On March 24, 2025, Touchstone again mobilized to the Site to replace the failed Fan No. 4 at vapor point SVE-4 and inspect the on-site sub-slab depressurization system (SSDS). Fan No. 4 at vapor point SVE-4 was replaced. The reading at vapor point SVE-4 was 1.9 inches of water, indicating that the blower fan is functioning properly. All fans and components of the SSDS were verified to be operating correctly.

On Friday, March 27, 2025, four additional indoor air samples (designated GD-3-27-25, LO-3-27-25, TW-3-27-25, and GK-3-27-25) were collected to determine the current conditions at the Site after Fan No. 4 at vapor point SVE-4 was replaced. The results are as follows:

- The compounds dichlorodifluoromethane (max. of 3.03 ug/m3 in GK-3-27-25), chloromethane (max. of 2.46 ug/m3 in GK-3-27-25), and tetrachloroethene (max. of 1.82 ug/m3 in GD-3-27-25) were detected in March 2025 at concentrations less than those detected in February 2025.

On March 27, 2025, the NYSDEC was notified regarding the replacement of Fan No. 4 at vapor point SVE-4, as well as the results of the February 19, 2025 and March 27, 2025 sampling events.

6.0 OPERATIONS AND MAINTENANCE PLAN

Operations and Maintenance (O&M) procedures that apply to the Fantech® fans includes a physical inspection of the fans to confirm that air is being discharged and that the units are operating. The Fantech® manual is enclosed in the Site Management Plan (Ref. 12). No other maintenance is recommended in the owner's manual.

SSD System Termination Criteria

The following termination criteria was included in the SMP for this site. The SSD system will be terminated when the following are demonstrated in accordance with Indoor Air Matrix 2 of the NYSDOH's Guidance document (Ref. 13):

- Indoor air concentrations of PCE in the basement of Golden Krust unit 1936, former dry cleaner unit 1932, and the currently vacant Glamour Decorating (former Dunkin Donuts/ Chinese Restaurant) unit 1930 are less than 3 ug/m^3; and,

- Sub-slab vapor concentration of PCE below the unit is less than 100 ug/m^3.

These criteria shall be demonstrated during the winter heating season, to represent the worst-case scenario, and after the SSD system has been turned off for a period of 30 days. The termination criteria will be applied on a unit-by-unit basis.

During the December 2014 sampling round, concurrent indoor air and sub-slab vapor samples were collected at units 1910-1924 (the Telco space) after the blower servicing that area of the shopping center had been off for 30 days. The corresponding indoor air and sub-slab vapor results were 2.33 ug/m^3 and 20.5 ug/m^3, respectively. As such, the termination criteria were achieved for that portion of the shopping center.

During the December 2016 sampling round, a similar test was performed for the remaining components of the system. Based on PCE sub-slab vapor concentrations of 336 to 1,550 µug/ m^3, the termination criteria for this portion of the building has not been achieved.

The fans at the remaining units, which are the former dry cleaner (currently a Law Office) and former Dunkin Donuts / Chinese Restaurant (Glamour Decorating and currently vacant), remain in operation.

7.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

- On August 12, 2024 Touchstone mobilized to the site and inspected the SSDS. The SSDS was in good working order. All of the tans has a positive vacuum readings.

- On Wednesday, February 19, 2025 Touchstone mobilized to the Site. Touchstone performed the annual inspection and indoor air sampling. During the inspection, on-site Fan No. 4 at vapor point SVE-4 was identified as not working. The fan was observed to be operating during the previous inspection event during the summer of 2024. A new Fantech model Rn2 (the manufacturer's replacement model for the failed HP2190 fan) was ordered.

- Four indoor air samples were collected from the Site on February 19, 2025. The samples were transported to a state-certified laboratory and analyzed for Volatile Organic Compounds (VOCs) in air and VOCs in air by SIM. The results of the February 19, 2025 samples were then compared to the results of the February 4, 2024 sampling event. The results are as follows:

    - Concentrations of Ethanol (max of 720 ug/m3 in GK-2-19), Benzene (max of 1.43 ug/m3 in GK-2-19), Toluene (max of 2.33 ug/m3 in LO-2-19), and Carbon Tetrachloride (max of 0.818 ug/m3 in GK-2-19) were identified as greater than the 2024 concentrations in each of the 2025 indoor air samples (TW-2-19, GD-2-19, GK-2-19, and LO-2-19). Concentrations of Tetrachloroethene (max of 2.6 ug/m3 in GD-2-19), Dichlorodifluoromethane (max of 3.44 ug/m3 in GD-2-19), Chloromethane (max of 1.75 ug/m3 in GD-2-19), and Chloroform (max of 10.2 ug/ m3 in GD-2-19) were identified to be greater than the 2024 concentrations in three of the 2025 indoor air samples (TW-2-19, GD-2-19, and LO-2-19). Concentrations of n-Hexane (max of 1.59 ug/m3 in TW-2-19) were identified as greater than the 2024 concentrations in three of the 2025 indoor air samples (TW-2-

19, GD-2-19, and GK-2-19). Concentrations of Trichloroethene (mac of 0.247 ug/m3 in GD-2-19) were identified as greater than the 2024 concentrations in two of the 2025 indoor air samples (GD-2-19 and GK-2-19). Concentrations of Trichlorofluoromethane (8.54 ug/m3 in GD-2-19), isopropanol (683 ug/m3 in TW-2-19), Vinyl Chloride (0.225 ug/m3 in GK-2-19), and 1,1-Dichloroethene (0.123 ug/m3 in GK-2-19) were each identified as greater than the 2024 concentrations in one of the 2025 indoor air samples.

- On March 24, 2025, Touchstone again mobilized to the Site in order to replace Fan No. 4 at vapor point SVE-4 and inspect the on-site sub-slab depressurization system (SSDS). Fan No. 4 at vapor point SVE-4 was replaced. All fans and components of the SSDS were verified to be operating correctly. The reading at vapor point SVE-4 was 1.9 inches of water, indicating that the blower fan is functioning properly.
- On Friday, March 27, 2025, the NYSDEC was notified that Fan No. 4 had failed, that a replacement fan was ordered and that a second round of sampling would be scheduled. An extension on this Periodic Review Report was granted by the NYSDEC to replace Fan No. 4. The next certifying period will remain unchanged and is due on February 24, 2026.
- Additionally, four additional indoor air samples (designated GD-3-27-25, LO-3-27-25, TW-3-27-25, and GK-3-27-25) were collected to determine the current conditions at the Site after Fan No. 4 at vapor point SVE-4 was replaced. The additional air samples collected on March 27, 2025 were analyzed for VOCs in air and VOCs in air by SIM. The results of the March 27, 2025 samples were then compared to the results of the February 4, 2024 and February 19, 2025 sampling events. The results are as follows:
    - The compounds dichlorodifluoromethane (max. of 3.03 ug/m3 in GK-3-27-25), chloromethane (max. of 2.46 ug/m3 in GK-3-27-25), and tetrachloroethene (max. of 1.82 ug/m3 in GD-3-27-25) were detected in March 2025 at concentrations greater than those detected in February 2024, but less than those detected in February 2025.
- In accordance with the SMP the SSD system at the Telco Department Store (units 1910 – 1924) was turned off on November 13, 2014 and has remained off since that time.
- Concurrent sub-slab vapor and indoor air samples were collected from the remaining units during the December 2016 sampling event. Based on PCE sub-slab vapor concentrations of 336 to 1,550 ug/m^3, the termination criteria for this portion of the building has not been achieved. These fans should remain in operation and annual sampling should be performed.
- At this time, there are no known plans for the redevelopment or expansion of this Site. No groundwater supply wells were installed or operated in the past year for potable or industrial purposes.
- The SSDS at this Site was installed in 2006. The fans should continue to be checked on a semi-annual basis. As the fans fail with age, they should be replaced new fans and a new label indicating the date of the replacement should be placed on the new fan.

REFERENCES

1. ACT, (June 5, 2001) Phase II Environmental Site Assessment, 1890-1960 Ralph Avenue Brooklyn, New York.

2. ACT, (July 23, 2001) Phase II Environmental Site Assessment, 1890-1960 Ralph Avenue Brooklyn, New York.

3. CA RICH (October 2002), Investigation Work Plan Bon Ton Cleaners 1932 Ralph Avenue Brooklyn, New York, Site Number V-00512-2.

4. CA RICH (May 2003), Supplemental Investigation Work Plan Bon Ton Cleaners 1932 Ralph Avenue Brooklyn, New York, Site Number V-00512-2.

5. CA RICH (October 2003), Investigation Report Bon Ton Cleaners 1932 Ralph Avenue Brooklyn, New York, Site Number V-00512-2.

6. CA RICH (April 2004) Remediation Work Plan Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York.

7. CA RICH (December 2004) Pilot Test and Final Design Report Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York.

8. CA RICH (April 2005) Final Engineering Report - Part A and Operations, Maintenance & Monitoring Plan Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York.

9. CA RICH (May 2006) Final Engineering Report – Part B and Operations, Maintenance & Monitoring Plan Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York.

10. CA RICH (November 2006) SSD Pilot Test and Design Report, Bon Ton Cleaners Site, 1932 Ralph Avenue, Brooklyn, New York.

11. CA RICH (June 2008) Final SSD Start-Up Test Report, Bon Ton Cleaners Site, 1932 Ralph Avenue, Brooklyn, New York.

12. CA RICH (December 2008, revised April, 2011) Site Management Plan, Bon Ton Cleaners, 1932 Ralph Avenue, Brooklyn, New York.

13. NYSDOH (October 2006) Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

14. CA RICH (December 2009) Post Remediation Soil Vapor Investigation Work Plan for Bon Ton Cleaners Voluntary Cleanup Program (VCP) Site 1932 Ralph Avenue, Brooklyn, NY

15. NYSDEC (September 22, 2009) Comment letter regarding the 2008 Annual Report.

16. Mactec (August 2020) Results of Field Pressure Test and Vent Repairs, Former Bon Ton Cleaners VCP Site, 1932 Ralph Avenue, Brooklyn, NY.

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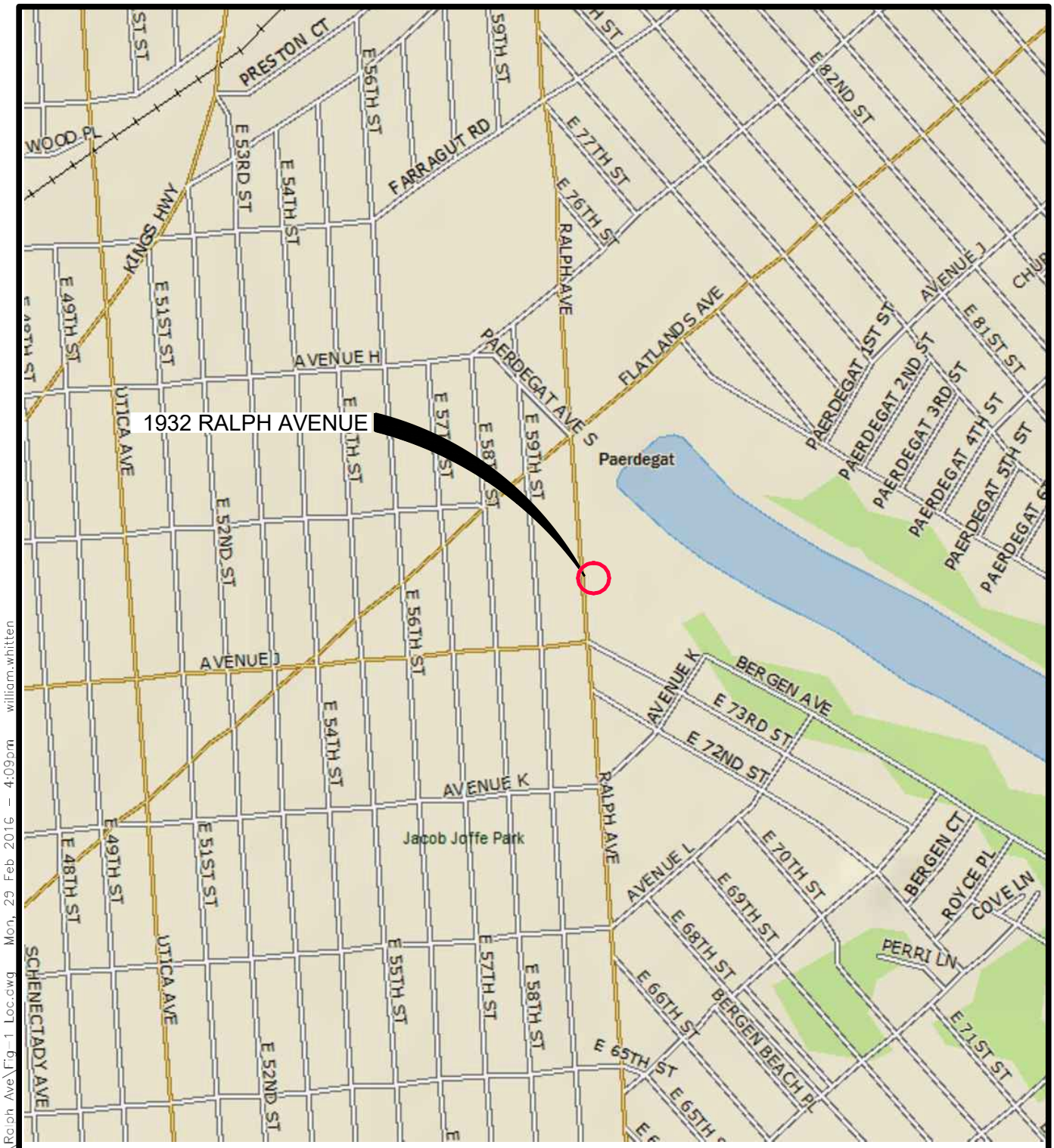
FIGURES



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SCALE IN FEET

Ralph & Flatlands Associates 1932 Ralph Avenue Brooklyn, NY	Touchstone Environmental Geology, PC 1919 Middle Country Road, Suite 205 Centereach, NY 11720	PROPERTY LOCATION MAP Project 3612152301 Figure 1

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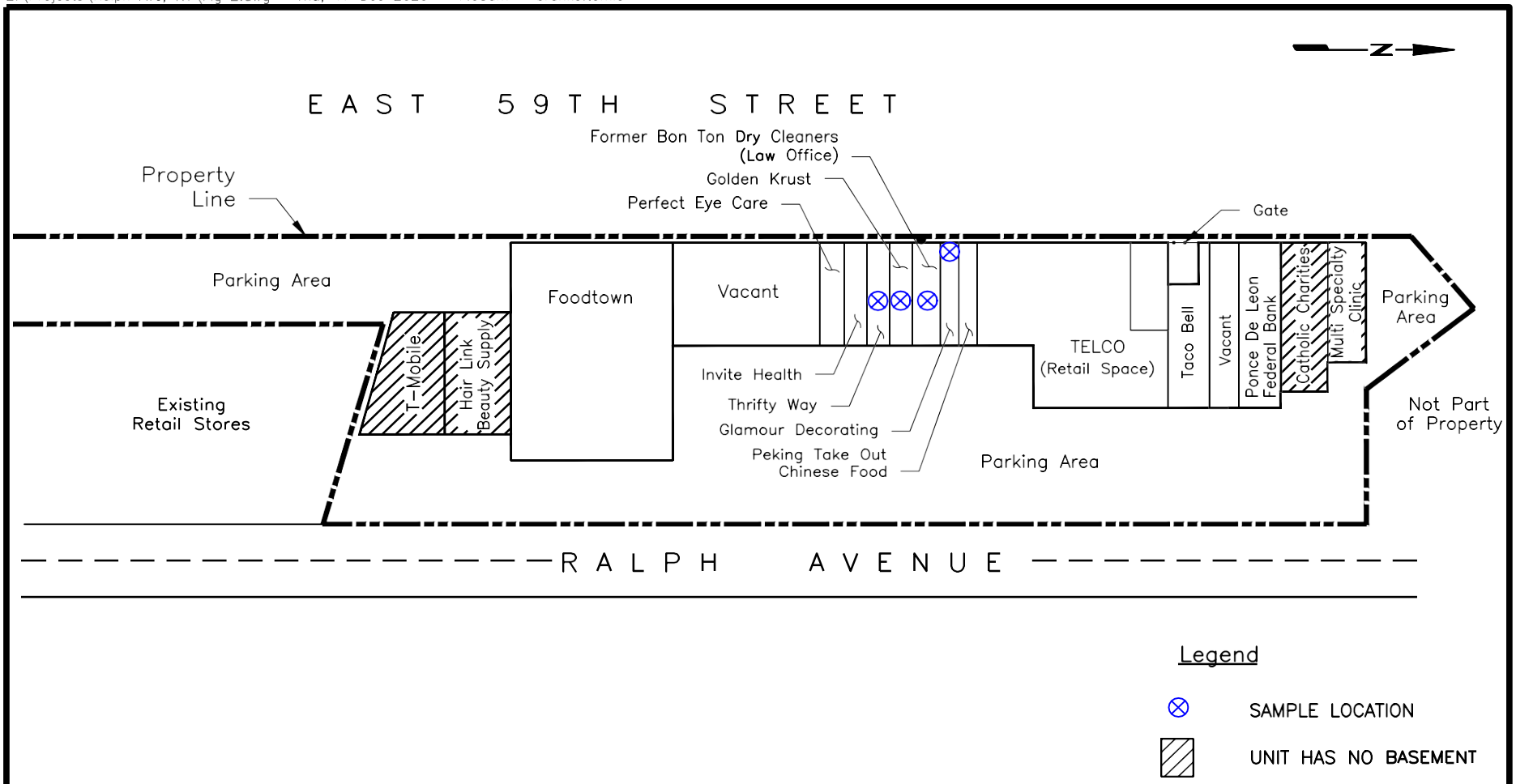


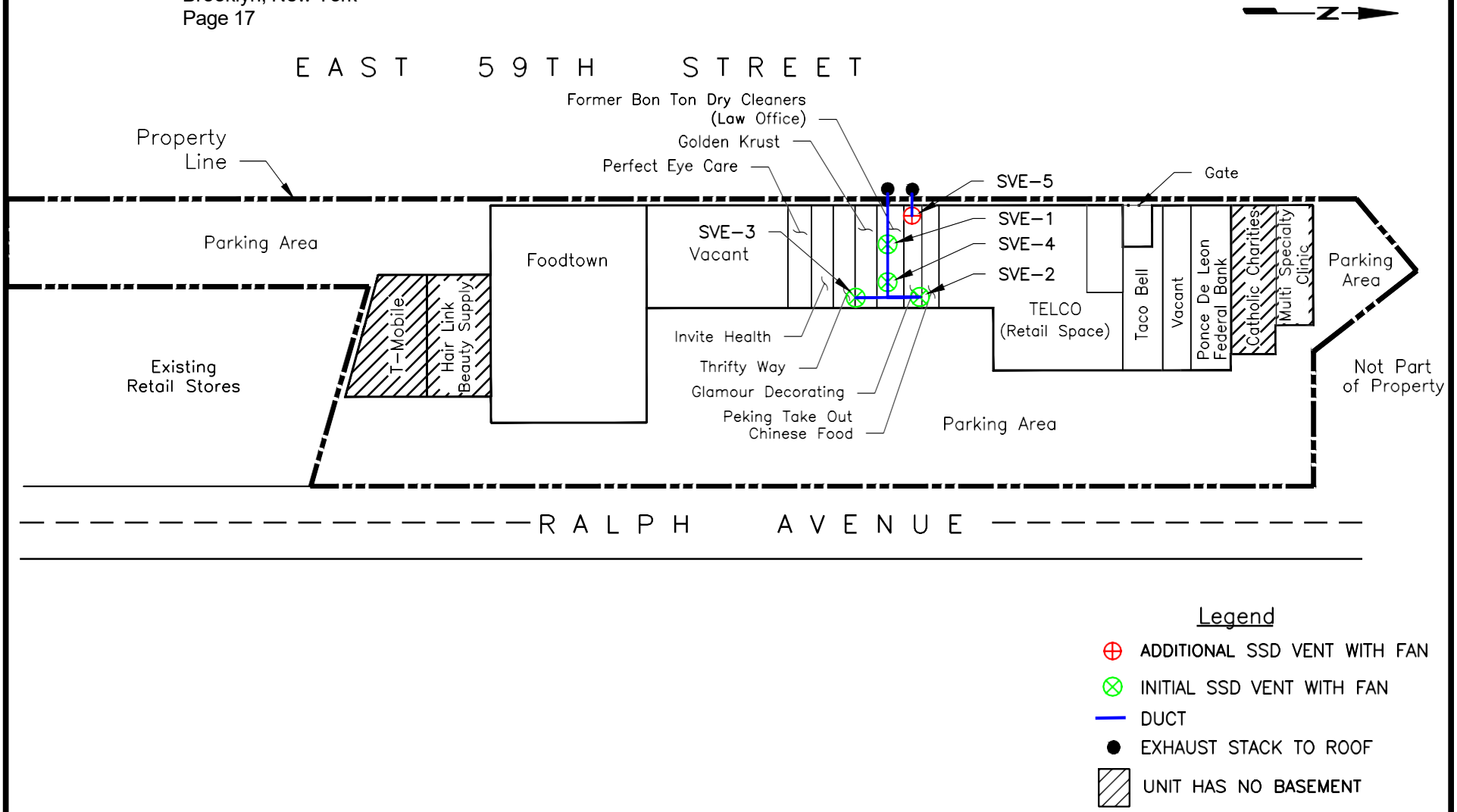
NOTE:

1. MAP ADAPTED FROM PROPERTY SURVEY BY MONTROSE SURVEYING CO., LLP, DATED MAY 2, 2001 AND USGS BROOKLYN QUADRANGLE 1979.

0 50 100 200
SCALE IN FEET

Ralph & Flatlands Associates 1932 Ralph Avenue Brooklyn, NY	Touchstone Environmental Geology, PC 1919 Middle Country Road, Suite 205 Centereach, NY 11720	BASEMENT INDOOR AIR SAMPLE LOCATIONS Project 3612-15-2301 Figure 2

Z:\Projects\Ralph Ave, NY\Fig 3.dwg Thu, 17 Dec 2020 - 7:05am branko.tomic



NOTE:

1. MAP ADAPTED FROM PROPERTY SURVEY BY MONTROSE SURVEYING CO., LLP, DATED MAY 2, 2001 AND USGS BROOKLYN QUADRANGLE 1979.

0 50 100 200
SCALE IN FEET

Ralph & Flatlands Associates 1932 Ralph Avenue Brooklyn, NY	Touchstone Environmental Geology, PC 1919 Middle Country Road, Suite 205 Centereach, NY 11720	LAYOUT OF CURRENT SSD VENTS AND DUCTS Project 3612-15-2301 Figure 3

TABLES

TABLE 1

Perchloroethene (PCE) in Indoor Air at the Chinese Restaurant/Dunkin Donuts/Glamor Decorating from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	Chinese Restaurant	Chinese Restaurant	SVE System Started-Up March 2005	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	Chinese Restaurant	SVE System Replaced With an SSD System November 2006	NYSDOH Action Levels
Matrix	Air	Air		Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air		Indoor Air (1)
Date Sampled	1/21/2003	9/4/2003		6/30/2005	7/28/2005	8/23/2005	9/27/2005	10/27/2005	11/21/2005	12/28/2005	1/31/2006	2/27/2006	3/28/2006	6/29/2006	9/28/2006		
Level	First Floor	First Floor		First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor		
Sample ID	L-89794-6	AD8761-CGU		AS-1 Back South Corner	PAS-3	AS-4	AS-3	AS-4	AS-6	AS-4	AS-4	AS-4	AS-2	AS-5			
Sample Method	Passive Diffusion Badge	Passive Diffusion Badge		Summa Canister	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Not Sampled		
Parameter																	
PCE (µg/m3)	160	226		ND	24	9.9	11	13	20	12	2.6	1.5	2.1	34			30
Level	Basement	Basement		Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement		
Sample ID	L-89794-5	AP9406-CGB		AS-2 Basement	PAS-04	AS-5	AS-4	AS-5	AS-5	AS-5	AS-5	AS-5	AS-3	AS-4			
Sample Method	Passive Diffusion Badge	Passive Diffusion Badge		Summa Canister	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Not Sampled		
Parameter																	
PCE (µg/m3)	180	364		26.2	30	24	10	12	13	22	3.2	2.0	7.3	46			30
Matrix	Sub Slab	Sub Slab		Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab		
Sample ID																	
Sample Method	Not Applicable	Not Applicable		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
Parameter																	
PCE (µg/m3)																	NA

Notes:

** Method: VOCs via EPA TO-15*

*** Method: NYSDOH 311-9*

All concentrations are reported in micrograms per cubic meter

ND - Not Detected

Boxed Value Indicates That Value Is Above NYSDOH Action Level

NA - Not Applicable

(1) NYSDOH Tetrachloroethene (PERC) in Indoor and Outdoor Air; May,2003

1. Internal standard recoveries for samples AS-2 and AS-3 were outside QC limits. However, reanalysis of the sample resulted in similar results, indicating that a sample matrix effect is responsible for the internal standard criteria not being met. The greater concentration is shown.
2. Dunkin Donuts occupied the southern portion of the Chinese Restaurant during September 2007.

TABLE 1

Perchloroethene (PCE) in Indoor Air at the Chinese Restaurant/Dunkin Donuts/Glamor Decorating from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	Chinese Restaurant	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	Dunkin Donuts	NYSDOH Action Levels
Matrix	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Indoor Air (1)
Date Sampled	12/13/2006	12/12/2007	1/24/2008	12/5/2008	7/30/2009	12/22/2009	12/29/2010	1/6/2011	12/28/2011	12/26/2012	1/15/2014	12/16/2014	12/22/2015	12/19/2016	1/11/2018	12/13/2018	
Level	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	
Sample ID	AS-1	AS-1	BT-04	BT-04	BT-04	BT-01	IA-04	BT-01									
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter																	
PCE (µg/m3)	1.8	1,000	5.2	230	160	32.57	180	less than 1.36									30
Level	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	
Sample ID	AS-2[1]	AS-2		BT-05	BT-05	BT-03	IA-05		DDB01	DDB-01	DDB-01	DDB-01	DD 12/22	DD 12/19	DD 01/11	DD 12/13	
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Not Applicable	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	
Parameter																	
PCE (µg/m3)	27	540	16	250	140	30.53	110		less than 1.36	13	1.8	1.97	3.66	1.63	1.67	2.29	30
Matrix	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	
Sample ID						BT-02											
Sample Method	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Summa Canister	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter																	
PCE (µg/m3)						6,038.70											NA

Note:
Tenants changed between December 2006 and December 2007 sampling rounds.

TABLE 1

Perchloroethene (PCE) in Indoor Air at the Chinese Restaurant/Dunkin Donuts/Glamor Decorating from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	**Dunkin Donuts**	**Dunkin Donuts**	**Glamour Decorating**	**Glamour Decorating**	**Glamour Decorating**	**Glamour Decorating**	**Glamour Decorating**	**Glamour Decorating**	**Glamour Decorating**	**NYSDOH Action Levels**
Matrix	Air	Air	Air	Air	Air	Air	Air	Air	Air	**Indoor Air (1)**
Date Sampled	1/11/2018	12/13/2018	2/21/2020	12/14/2020	2/25/2022	3/2/2023	2/6/2024	2/19/2025	3/27/2025	
Level	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	
Sample ID										
Sample Method	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter										
PCE (µg/m3)										30
Level	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	
Sample ID	DD 01/11	DD 12/13	GD-022020	GD-122020	CURTAIN STORE	GD-3-2	GD-2-6	GD-2-19	GD-3-27-25	
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	
Parameter										
PCE (µg/m3)	1.67	2.29	1.54	3.11	0.665	0.875	0.902	2.6	1.82	30
Matrix	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	
Sample ID										
Sample Method	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter										
PCE (µg/m3)										NA

Note:
Tenants changed between December 2018 and February 2020 sampling rounds.

TABLE 1

PCE in Indoor Air Samples at Golden Krust Restaurant
from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	Golden Krust	Golden Krust		Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust		NYSDOH Action Levels
Matrix	Air	Air		Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air		
Date Sampled	1/21/2003	9/4/2003	SVE System Started-Up March 2005	6/30/2005	7/28/2005	8/23/2005	9/27/2005	10/27/2005	11/21/2005	12/28/2005	1/31/2006	2/27/2006	3/28/2006	6/29/2006	9/28/2006	SVE System Replaced With an SSD System November 2006	Indoor Air (1)
Level	First Floor	First Floor		First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor		
Sample ID	L-89794-3	AP9490-GKU		AS-4 Upstairs	PAS-01	AS-3	AS-6	AS-3	AS-3	AS-3	AS-1	AS-3	AS-1	AS-3	AS-1		
Sample Method	Passive Diffusion Badge	Passive Diffusion Badge		Summa Canister	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge		
Parameter																	
PCE (µg/m3)	44	176		69	269	147	33	9.7	14	95	11	5.9	7.3	70	66		30
Level	Basement	Basement		Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement		
Sample ID	L-89794-1	AD8794-GKB		AS-5 Basement	PAS-02	AS-2	AS-8	AS-2	AS-2	AS-1	AS-2	AS-1	AS-5	AS-1	AS-2		
Sample Method	Passive Diffusion Badge	Passive Diffusion Badge		Summa Canister	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge		
Parameter																	
PCE (µg/m3)	47	168		96.6	49	23	10	3.7	4.7	7.4	1.9	0.9	3.3	24	22		30
Matrix	Sub Slab	Sub Slab		Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab		
Sample ID																	
Sample Method	Not Applicable	Not Applicable		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
Parameter																	
PCE (µg/m3)																	NA

Notes:

** Method: VOCs via EPA TO-15* The greater concentration is shown.

*** Method: NYSDOH 311-9*

All concentrations are reported in micrograms per cubic meter

Boxed Value Indicates That Value Is Above NYSDOH Action Level

(1) NYSDOH Tetrachloroethene (PERC) in Indoor and Outdoor Air; May,2003

TABLE 1

PCE in Indoor Air Samples at Golden Krust Restaurant
from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	Golden Krust	NYSDOH Action Levels
Matrix	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	
Date Sampled	12/13/2006	12/12/2007	1/24/2008	12/5/2008	7/30/2009	12/22/2009	12/29/2010	1/6/2011	12/28/2011	12/26/2012	1/15/2014	12/16/2014	12/22/2015	12/19/2016	Indoor Air (1)
Level	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	
Sample ID	AS-3[1]	AS-3	BT-02	BT-02	BT-02	BT-04	IA-02	BT-03							
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter															
PCE (µg/m3)	65	400	7.4	3,700	120	33.25	22	49.53							30
Level	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	
Sample ID	AS-4	AS-4	BT-03	BT-03	BT-03	BT-06	IA-03		GKB-03	GKB-03	GKB-03	GKB-03	GK 12/22	GK 12/19	
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Not Applicable	less than 1.36	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	
Parameter															
PCE (µg/m3)	30	6.4	ND	130	90	4.75	17			7.3	0.81	1.19	2.71	2.05	30
Matrix	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	
Sample ID						BT-05									
Sample Method	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Summa Canister	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter															
PCE (µg/m3)						284.97									NA

TABLE 1

PCE in Indoor Air Samples at Golden Krust Restaurant
from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	**Golden Krust**	**Golden Krust**	**Golden Krust**	**Golden Krust**	**Golden Krust**	**Golden Krust**	**Golden Krust**	**Golden Krust**	**Golden Krust**	**NYSDOH Action Levels**
Matrix	Air	Air	Air	Air	Air	Air	Air	Air	Air	
Date Sampled	1/11/2018	12/13/2018	2/21/2020	12/14/2020	2/25/2022	3/2/2023	2/6/2024	2/19/2025	3/27/2025	**Indoor Air (1)**
Level	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	
Sample ID										
Sample Method	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter										
PCE (µg/m3)										30
Level	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	
Sample ID	GK 01/11	GK 12/13	GK-022020	GK-122020	GOLDEN KRUST	GK-3-2	GK-2-6	GK-2-19	GK-3-27-25	
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	
Parameter										
PCE (µg/m3)	1.69	1.55	0.631	0.814	0.665	0.949	0.821	0.495	0.5	30
Matrix	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	
Sample ID										
Sample Method	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter										
PCE (µg/m3)										NA

TABLE 1

PCE in Indoor Air Samples at Total Furniture/Telco
from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	Total Furniture		Total Furniture	Total Furniture	Total Furniture	Telco	Telco	Telco	Telco	Telco	Telco	Telco	Telco	NYSDOH Action Levels
Matrix Date Sampled	Air 9/4/2003	SVE System Started-Up March 2005	Air 6/30/2005	Air 7/28/2005	Air 8/23/2005	Air 9/27/2005	Air 10/27/2005	Air 11/21/2005	Air 12/28/2005	Air 1/31/2006	Air 2/27/2006	Air 3/28/2006	Air 6/29/2006	Indoor Air (1)
Level Sample ID Sample Method Parameter PCE (µg/m3)	First Floor AD8746-TFU Passive Diffusion Badge 46		First Floor BS-5*** Passive Diffusion Badge 10	First Floor Not Required	First Floor Not Required	First Floor Not Required	First Floor Not Required	First Floor Not Required	First Floor Not Required	First Floor Not Required	First Floor Not Required	First Floor Not Required	First Floor Not Required	30
Level Sample ID Sample Method Parameter PCE (µg/m3)	Basement AP9540-TFB Passive Diffusion Badge 67		Basement AS-3 Basement Summa Canister 13.1	Basement PAS-05 Passive Diffusion Badge 4.2	Basement AS-6 Passive Diffusion Badge 4.0	Basement AS-2 Passive Diffusion Badge 5.3	Basement AS-6 Passive Diffusion Badge 5.0	Basement AS-4 Passive Diffusion Badge 11	Basement AS-6 Passive Diffusion Badge 3.5	Basement AS-6 Passive Diffusion Badge 1.0	Basement AS-6 Passive Diffusion Badge 0.4	Basement AS-4 Passive Diffusion Badge 3.4	Basement AS-6 Passive Diffusion Badge 11	30
Matrix Sample ID Sample Method Parameter PCE (µg/m3)	Sub Slab Not Applicable		Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	Sub Slab Not Applicable	NA

Notes:

** Method: VOCs via EPA TO-15*

*** Method: NYSDOH 311-9*

**** Construction (ie. painting, applying vinyl floor tile) occuring while sample was being obtained.*

All concentrations are reported in micrograms per cubic meter

Boxed Value Indicates That Value Is Above NYSDOH Action Level

(1) NYSDOH Tetrachloroethene (PERC) in Indoor and Outdoor Air; May,2003

Tenants changed between August 2005 and September 2005 sampling rounds.

TABLE 1

PCE in Indoor Air Samples at Total Furniture/Telco
from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	**Telco**	**SVE System Replaced With an SSD System November 2006**	**Telco**	**Telco**	**Telco**	**Telco**	**Telco**	**Telco**	**Telco**	**Telco**	**Telco**	**Telco**	**Telco**	**Telco**	**NYSDOH Action Levels**
Matrix	Air		Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	**Indoor Air (1)**
Date Sampled	9/28/2006		12/13/2006	12/12/2007	1/24/2008	12/5/2008	7/30/2009	12/22/2009	12/22/2009	12/29/2010	12/28/2011	12/26/2012	1/15/2014	12/16/2014	
Level	**First Floor**		**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	
Sample ID															
Sample Method	Not Required		Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	
Parameter															
PCE (µg/m3)															30
Level	**Basement**		**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement-North**	**Basement-South**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	
Sample ID	AS-4		AS-6	AS-5	BT-06	BT-06	BT-06	BT-10	BT-09	IA-06	TCB-04	TCB-04	TCB-04	TC 12/22	
Sample Method	Passive Diffusion Badge		Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	
Parameter															
PCE (µg/m3)	3.6		4.2	35	11	19	16	3.6	21.03	63	less than 1.36	8.2	2.2	2.33	30
Matrix	Sub Slab		Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	
Sample ID								BT-12	BT-11				TSS-01	TSS-01	
Sample Method	Not Applicable		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Summa Canister	Summa Canister	Not Applicable	Not Applicable	Not Applicable	Summa Canister	Summa Canister	
Parameter															
PCE (µg/m3)								5,699.40	583.51				159	20.5	NA

TABLE 1

PCE in Indoor Air Samples at Go Digital/Thriftyway from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	Go Digital		Go Digital	Go Digital	Go Digital	Go Digital	Go Digital	Go Digital	Go Digital	Go Digital	Go Digital	Go Digital	Go Digital	Go Digital		Go Digital	NYSDOH Action Levels
Matrix	Air		Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air		Air	Indoor Air (1)
Date Sampled	9/4/2003	SVE System Started-Up March 2005	6/30/2005	7/28/2005	8/23/2005	9/27/2005	10/27/2005	11/21/2005	12/28/2005	1/31/2006	2/27/2006	3/28/2006	6/29/2006	9/28/2006	SVE System Replaced With an SSD System November 2006	12/13/2006	
Level	First Floor		First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor	First Floor		First Floor	
Sample ID	AP9841-GDU		BS-6														
Sample Method	Passive Diffusion Badge		Passive Diffusion Badge	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required		Not Required	
Parameter																	
PCE (µg/m3)	9.2		2.6														30
Level	Basement		Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement		Basement	
Sample ID	AP9489-GDB		AS-6 Basement	PAS-06	AS-1	AS-9	AS-1	AS-1	AS-2	AS-3	AS-2	AS-6	AS-2	AS-3		AS-5	
Sample Method	Passive Diffusion Badge		Summa Canister	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge	Passive Diffusion Badge		Summa Canister	
Parameter																	
PCE (µg/m3)	72		ND	12	8.2	2.9	2.7	2.2	<0.7	0.7	<0.2	3.8	9.7	11		8.0	30
Matrix	Sub Slab		Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab		Sub Slab	
Sample ID																	
Sample Method	Not Applicable		Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		Not Applicable	
Parameter																	
PCE (µg/m3)																	NA

Notes:

** Method: VOCs via EPA TO-15*

*** Method: NYSDOH 311-9*

All concentrations are reported in micrograms per cubic meter

ND - Not Detected

Boxed Value Indicates That Value Is Above NYSDOH Action Level

(1) NYSDOH Tetrachloroethene (PERC) in Indoor and Outdoor Air; May,2003

TABLE 1

PCE in Indoor Air Samples at Go Digital/Thriftyway
from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	**Go Digital**	**Go Digital**	**Go Digital**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**NYSDOH Action**
Matrix	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	**Levels**
Date Sampled	12/12/2007	1/24/2008	12/5/2008	7/30/2009	12/22/2009	12/29/2010	12/28/2011	12/26/2012	1/15/2014	12/16/2014	12/22/2015	12/19/2016	**Indoor Air (1)**
Level	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	
Sample ID													
Sample Method	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	
Parameter													
PCE (µg/m3)													30
Level	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	
Sample ID	AS-6	BT-01	BT-01	BT-01	BT-13	IA-01	IA-01	TWB-02	TWB-02	TWB-02	TW 12/22	TW 12/19	
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	
Parameter													
PCE (µg/m3)	3.2	1.4	250	76	6.51	3.5	less than 1.36	5.4	0.81	1	2.92	1.23	30
Matrix	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	
Sample ID					BT-14								
Sample Method	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Summa Canister	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter													
PCE (µg/m3)					94.99								NA

Notes:
Tenants changed between December 2008 and July 2009 sampling rounds.

TABLE 1

PCE in Indoor Air Samples at Go Digital/Thriftyway
from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**Thriftyway**	**NYSDOH Action**
Matrix	Air	Air	Air	Air	Air	Air	Air	Air	Air	**Levels**
Date Sampled	1/11/2018	12/13/2018	2/21/2020	12/14/2020	2/25/2022	3/2/2023	2/6/2024	2/19/2025	3/27/2025	**Indoor Air (1)**
Level	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	
Sample ID										
Sample Method	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	
Parameter										
PCE (µg/m3)										30
Level	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	
Sample ID	TW 01/11	TW 12/13	TW-022020	TW-122020	Thriftyway	TW-3-2	TW-2-6	TW-2-19	TW-3-27-25	
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	
Parameter										
PCE (µg/m3)	0.848	1.15	0.468	0.719	1.04	0.57	0.387	0.522	0.4	30
Matrix	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	Sub Slab	
Sample ID										
Sample Method	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter										
PCE (µg/m3)										NA

TABLE 1

PCE in Indoor Air Samples at Foodtown

from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	**Foodtown**	**NYSDOH Action Levels**
Matrix	Air	
Date Sampled	12/22/2009	**Indoor Air (1)**
Level	**Basement**	
Sample ID	BT-08	
Sample Method	Summa Canister	
Parameter		
PCE (µg/m3)	ND	30
Matrix	**Sub Slab**	
Level	**Basement**	
Sample ID	BT-07	
Sample Method	Summa Canister	
Parameter		
PCE (µg/m3)	ND	NA

Notes:

** Method: VOCs via EPA TO-15*

*** Method: NYSDOH 311-9*

All concentrations are reported in micrograms per cubic meter

ND - Not Detected

(1) NYSDOH Tetrachloroethene (PERC) in Indoor and Outdoor Air; May, 2003

TABLE 1

PCE in Indoor Air Samples at Former Bon Ton Cleaners and Law Office
from Summa Canisters* and Passive Diffusion Badges**

Bon Ton Cleaners Site
1932 Ralph Avenue
Brooklyn, New York

Location	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**Former Cleaners/Law Office**	**NYSDOH Action Levels**
Matrix	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	**Indoor Air (1)**
Date Sampled	12/22/2009	12/26/2012	1/15/2014	12/16/2014	12/22/2015	12/19/2016	1/11/2018	12/13/2018	12/13/2018	2/21/2020	12/14/2020	2/25/2022	3/2/2023	2/6/2024	2/19/2025	3/27/2025	
Level	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	**First Floor**	
Sample ID	LOGF-06																
Sample Method	Summa Canister	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
Parameter																	
PCE (µg/m3)	less than 1.36																30
Level	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	**Basement**	
Sample ID	LOGB-05	LOB-05	LOB-05	LOB-05	LO 12/22	LO 12/19	LO 01/11	LO 01/11	LO 01/11	LO-022020	LO-122020	LAW OFFICE	LO-3-2	LO-2-6	LO-2-19	LO-3-27-25	
Sample Method	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	Summa Canister	
Parameter																	
PCE (µg/m3)	less than 1.36	11	2.8	0.834	2.58	1.86	0.888	1.11	1.11	0.292	0.644	0.692	1.14	0.509	1.1	0.7	30
Level	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	**Sub Slab**	
Sample ID																	
Sample Method						SS-1 1,550 SS-2 336											
Parameter																	
PCE (µg/m3)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Summa Canisters	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	NA

Notes:

** Method: VOCs via EPA TO-15*

*** Method: NYSDOH 311-9*

All concentrations are reported in micrograms per cubic meter

(1) NYSDOH Tetrachloroethene (PERC) in Indoor and Outdoor Air; May, 2003

Table 2
Product Inventory February 19, 2025
Former Bon Ton Cleaners Site
Brooklyn, New York

Sample Location	Product Description	Remarks
GD-2-19 Former Glamor Decorating (formerly Dunkin Donuts)	Drapes Rugs	Vacant Store and Basement Empty
GK-2-19 Golden Kurst	Foam Cups, Bleach, Pasta, Corn Meal , Beans Vegetables, Bread Aluminum Pans Oats and Flour	Food preparation area Same as 2/6/2024
LO-2-19 Law Office (Former Cleaners)	Paper files	Storage area inaccessible during visit, empty shelves
TW-2-19 Thriftyway	Paper Metal Shelves and Displays Cans of Latex Paint Plastic Bins	Same as 2/6/2024

SSD Riser Vacuum Reading

Riser Name	Reading in Inches of Water
SVE-1	1.9
SVE-2	1.9
SVE-3	1.9
SVE-4	0
SVE-5	1.9

Table 2
Product Inventory March 27, 2025
Former Bon Ton Cleaners Site
Brooklyn, New York

Sample Location	Product Description	Remarks
GD-3-27-25 Former Glamor Decorating (formerly Dunkin Donuts)	Drapes Rugs	Vacant Store and Basement Empty
GK-3-27-25 Golden Kurst	Foam Cups, Bleach, Pasta, Corn Meal , Beans Vegetables, Bread Aluminum Pans Oats and Flour	Food preparation area Same as 2/19/2025
LO-3-27-25 Law Office (Former Cleaners)	Paper files	Storage area inaccessible during visit, empty shelves
TW-3-27-25 Thriftyway	Paper Metal Shelves and Displays Cans of Latex Paint Plastic Bins	Same as 2/19/2025

SSD Riser Vacuum Reading

Riser Name	Reading in Inches of Water
SVE-1	1.9
SVE-2	1.9
SVE-3	1.9
SVE-4	1.9
SVE-5	1.9

Table 3
2025 Indoor Air Results compared to 2024 Indoor Results
Former Bon Ton Cleaners - 1932 Ralph Avenue, Brooklyn, New York

Sample ID		TW-2-6		TW-2-19		TW-3-27-25		GD-2-6		GD-2-19		GD-3-27-25		GK-2-6		GK-2-19		GK-3-27-25		LO-2-6		LO-2-19		LO-3-27-25	
Location	NYSDOH Indoor Air Guidance	Thrift Store		Thrift Store		Thrift Store		(Current vacant)		Glamour Decorating (currently vacant)		Glamour Decorating (currently vacant)		Golden Crust		Golden Crust		Golden Crust		Law Office		Law Office		Law Office	
Collection Date		2/6/2024		2/19/2025		3/27/2025		2/6/2024		2/19/2025		3/27/2025		2/6/2024		2/19/2025		3/27/2025		2/6/2024		2/19/2025		3/27/2025	
Unit		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Sample Matrix		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR		INDOOR AIR	
Compound		Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
VOLATILE ORGANICS IN AIR																									
Ethanol	~	**69.9**	9.42	**141**	9.42	**68.7**	1.00	**99.5**	9.42	**177**	9.42	**91.7**	1.00	**703**	9.42	**720**	9.42	**163**	1.00	**86.9**	9.42	**237**	9.42	**121**	1.00
Acetone	~	**22.7**	2.38	**19.8**	2.38	**8.81**	1.00	**17.9**	2.38	**14.4**	2.38	**8.95**	1.00	**39.2**	2.38	**34.2**	2.38	**20.3**	1.00	**17.1**	2.38	**14.9**	2.38	**17.1**	1.00
Trichlorofluoromethane	~	**4.61**	1.12	**3.15**	1.12	**2.83**	1.00	**6.86**	1.12	**8.54**	1.12	**4.11**	1.00	**242**	1.12	**80.9**	1.12	**30.7**	1.00	**4.18**	1.12	**2.91**	1.12	**3.77**	1.00
Isopropanol	~	**484**	1.23	**683**	2.46	**124**	1.00	**442**	1.23	**364**	2.46	**76.4**	1.00	**447**	1.23	**290**	2.46	**195**	1.00	**364**	1.23	**317**	2.46	**124**	1.00
2-Butanone	~	ND	1.74	ND	1.47	< 1.00	1.00	**3.72**	1.74	ND	1.47	< 1.00	1.00	**3.2**	1.74	**2.95**	1.47	< 1.00	1.00	**25.3**	1.74	ND	1.47	< 1.00	1.00
Ethyl Acetate	~	ND	1.8	ND	1.8	< 1.00	1.00	ND	1.8	ND	1.8	**1**	1.00	**50.5**	1.8	**2.6**	1.8	**4.57**	1.00	ND	1.8	ND	1.8	**1.35**	1.00
Chloroform	~	**1.75**	0.977	**4.83**	0.977	< 1.00	1.00	**3.48**	0.977	**10.2**	0.977	**1.45**	1.00	**56.2**	0.977	**54.2**	0.977	**11**	1.00	**1.6**	0.977	**7.52**	0.977	**1.81**	1.00
n-Hexane	~	ND	0.705	**1.59**	0.705	< 1.00	1.00	ND	0.705	**0.737**	0.705	< 1.00	1.00	ND	0.705	**1.15**	0.705	< 1.00	1.00	**1.25**	0.705	ND	0.705	< 1.00	1.00
Benzene	~	**0.799**	0.639	**0.859**	0.639	< 1.00	1.00	**0.767**	0.639	**0.994**	0.639	< 1.00	1.00	**0.815**	0.639	**1.43**	0.639	< 1.00	1.00	**0.77**	0.639	**0.92**	0.639	< 1.00	1.00
Toluene	~	**1.25**	0.754	**2.03**	0.754	< 1.00	1.00	**1.29**	0.754	**1.85**	0.754	**1.12**	1.00	**1.3**	0.754	**1.75**	0.754	**1.18**	1.00	**0.953**	0.754	**2.33**	0.754	**1.22**	1.00
VOLATILE ORGANICS IN AIR BY SIM																									
Vinyl chloride	*	ND	0.051	ND	0.051	< 0.20	0.20	ND	0.051	ND	0.051	< 0.20	0.20	**0.204**	0.051	**0.225**	0.051	< 0.20	0.20	ND	0.051	ND	0.051	< 0.20	0.20
1,1-Dichloroethene	*	ND	0.079	ND	0.079	< 0.20	0.20	ND	0.079	ND	0.079	< 0.20	0.20	**0.23**	0.079	**0.123**	0.079	< 0.20	0.20	ND	0.079	ND	0.079	< 0.20	0.20
cis-1,2-Dichloroethene	*	ND	0.079	ND	0.079	< 0.20	0.20	**0.21**	0.079	**0.135**	0.079	< 0.20	0.20	**0.611**	0.079	**0.167**	0.079	< 0.20	0.20	**0.246**	0.079	ND	0.079	< 0.20	0.20
Carbon tetrachloride	*	**0.478**	0.126	**0.73**	0.126	**0.41**	0.20	**0.535**	0.126	**0.742**	0.126	**0.4**	0.20	**0.598**	0.126	**0.818**	0.126	**0.43**	0.20	**0.465**	0.126	**0.686**	0.126	**0.57**	0.20
Trichloroethene	2	ND	0.107	ND	0.107	< 0.20	0.20	ND	0.107	**0.247**	0.107	< 0.20	0.20	ND	0.107	**0.204**	0.107	< 0.20	0.20	ND	0.107	ND	0.107	< 0.20	0.20
Tetrachloroethene	30	**0.387**	0.136	**0.522**	0.136	**0.4**	0.25	**0.902**	0.136	**2.6**	0.136	**1.82**	0.25	**0.821**	0.136	**0.495**	0.136	**0.5**	0.25	**0.509**	0.136	**1.1**	0.136	**0.7**	0.25

NOTES:

Bolded values indicate the analyte was detected at or above the Reporting Limit (RL)

~ = No established guidance

* = No established guidance, but expected to be less than 1 ug/m3

ATTACHMENT A
CERTIFICATION

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway, 11th Floor, Albany, NY 12233-7020
P: (518)402-9543 | F: (518)402-9547
www.dec.ny.gov

01/14/2025

Richard H. Lewis
ralph & flatlands associates, LLC
Meltzer, Lippe, Goldstein & Breitstone, LLC
190 willis avenue
Mineola, NY 11501
rlewis@meltzerlippe.com

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Bon Ton Cleaners
Site No.: V00512
Site Address: 1932 Ralph Ave
Brooklyn, NY 11234-

Dear Richard H. Lewis:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **March 26, 2025**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Qualified Environmental Professional (QEP). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Michael Sollecito, the Project Manager, at 518-402-2198 or michael.sollecito@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
Division of Environmental Remediation, BURB
625 Broadway
Albany, NY 12233-7016

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

Burt A. Lewis - rlewis@meltzerlippe.com

ec: w/ enclosures

Michael Sollecito, Project Manager

David Gardner, Section Chief
Jane O'Connell, Hazardous Waste Remediation Supervisor, Region 2

Touchstone environmental geology, pc - Eric a. Weinstock - eweinstock65@gmail.com

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. V00512

Site Name Bon Ton Cleaners

Site Address: 1932 Ralph Ave Zip Code: 11234-
City/Town: Brooklyn
County: Kings
Site Acreage: 4.130

Reporting Period: February 24, 2024 to February 24, 2025

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00512 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
23-7763-1	Burt A. Lewis	Ground Water Use Restriction Landuse Restriction Site Management Plan

(1) Until the conditions set forth in Section 3 of the Site Management Plan dated December 16, 2008, as amended April 20, 2011 ("SMP") have been satisfied, the owner of the Property shall prohibit the Property from being used for purposes other than Commercial or Industrial Use. The following portions of the Property are excluded from this restriction:

1958 Ralph Avenue 1950-52 Ralph Avenue
1900 Ralph Avenue 1944 Ralph Avenue
1900A Ralph Avenue 1942 Ralph Avenue
1900B Ralph Avenue 1940 Ralph Avenue
1968 Ralph Avenue 1902 Ralph Avenue
1960 Ralph Avenue 1910-24 Ralph Avenue

(2) The owner of the Property shall prohibit the use of the groundwater underlying the entire site, without treatment rendering it safe drinking or industrial purposes.

(3) The owner of the Property shall provide a periodic certification, prepared, and submitted by a professional engineer or environmental professional, which will certify that the institutional and engineering controls put in place are unchanged from the previous certification, comply with the SMP, and have not been impaired.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
23-7763-1	Vapor Mitigation Cover System

The engineering controls include:
1. A cover system consisting of the structures such as buildings, pavement, sidewalks comprising the site development.
2. 2. Operation of a sub-slab depressurization system to prevent the migration of vapors into the buildings from the subsurface.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. V00512

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Richard Lewis (print name) at Meltzer, Lippe, Goldstein & Breitstone, LLP (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

4/24/2025
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____Rachel Ataman_____ at _____Touchstone Environmental Geology, PC_____,
print name print business address

am certifying as a Qualified Environmental Professional for the _____Owner_____
(Owner or Remedial Party)

Rachel Ataman _____ 4/25/2025

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

ATTACHMENT B
LABORATORY REPORT

ANALYTICAL REPORT

Lab Number:	L2509734
Client:	Touchstone Environmental Geology, PC 1919 Middle Country Road Centerreach, NY 11720
ATTN:	Rachel Ataman
Phone:	(631) 672-3530
Project Name:	FLATLANDS
Project Number:	Not Specified
Report Date:	03/07/25

Certifications & Approvals: NH ELAP (2249).

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

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2509734-01	TW-2-19	AIR	7901 FLATLANDS AVE. BROOKLYN, NY	02/19/25 18:00	02/21/25
L2509734-02	GD-2-19	AIR	7901 FLATLANDS AVE. BROOKLYN, NY	02/19/25 18:05	02/21/25
L2509734-03	GK-2-19	AIR	7901 FLATLANDS AVE. BROOKLYN, NY	02/19/25 18:15	02/21/25
L2509734-04	LO-2-19	AIR	7901 FLATLANDS AVE. BROOKLYN, NY	02/19/25 18:30	02/21/25

Project Name:	FLATLANDS	**Lab Number:**	L2509734
Project Number:	Not Specified	**Report Date:**	03/07/25

Case Narrative

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

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

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

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

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

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

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 6, 2025. The canister certification data is provided as an addendum.

L2509734-01: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2509734-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 03/07/25

AIR

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-01
Client ID: TW-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:00
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/25 01:59
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.671	0.200	--	3.32	0.989	--		1
Chloromethane	0.740	0.200	--	1.53	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	75.0	5.00	--	141	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.34	1.00	--	19.8	2.38	--		1
Trichlorofluoromethane	0.560	0.200	--	3.15	1.12	--		1
Isopropanol	278	1.00	--	683	2.46	--	E	1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.990	0.200	--	4.83	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-01
Client ID: TW-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:00
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.450	0.200	--	1.59	0.705	--		1
Benzene	0.269	0.200	--	0.859	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.540	0.200	--	2.03	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-01
Client ID: TW-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:00
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	83		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	85		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-01
Client ID: TW-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:00
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/07/25 01:59
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.116	0.020	--	0.730	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.077	0.020	--	0.522	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	83		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	87		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-01 D
Client ID: TW-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:00
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/25 09:33
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Isopropanol	347	2.50	--	853	6.15	--		2.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	80		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	85		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-02
Client ID: GD-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:05
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/25 02:37
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.695	0.200	--	3.44	0.989	--		1
Chloromethane	0.848	0.200	--	1.75	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	93.8	5.00	--	177	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.07	1.00	--	14.4	2.38	--		1
Trichlorofluoromethane	1.52	0.200	--	8.54	1.12	--		1
Isopropanol	148	1.00	--	364	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	2.08	0.200	--	10.2	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-02
Client ID: GD-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:05
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.209	0.200	--	0.737	0.705	--		1
Benzene	0.311	0.200	--	0.994	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.492	0.200	--	1.85	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-02
Client ID: GD-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:05
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	88		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-02
Client ID: GD-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:05
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/07/25 02:37
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.034	0.020	--	0.135	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.118	0.020	--	0.742	0.126	--		1
Trichloroethene	0.046	0.020	--	0.247	0.107	--		1
Tetrachloroethene	0.384	0.020	--	2.60	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	90		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-03
Client ID: GK-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:15
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/25 03:16
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.797	0.200	--	3.94	0.989	--		1
Chloromethane	1.35	0.200	--	2.79	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	382	5.00	--	720	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	14.4	1.00	--	34.2	2.38	--		1
Trichlorofluoromethane	14.4	0.200	--	80.9	1.12	--		1
Isopropanol	118	1.00	--	290	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.00	0.500	--	2.95	1.47	--		1
Ethyl Acetate	0.721	0.500	--	2.60	1.80	--		1
Chloroform	11.1	0.200	--	54.2	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-03
Client ID: GK-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:15
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.327	0.200	--	1.15	0.705	--		1
Benzene	0.448	0.200	--	1.43	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.465	0.200	--	1.75	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-03
Client ID: GK-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:15
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-03
Client ID: GK-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:15
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/07/25 03:16
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	0.088	0.020	--	0.225	0.051	--		1
1,1-Dichloroethene	0.031	0.020	--	0.123	0.079	--		1
cis-1,2-Dichloroethene	0.042	0.020	--	0.167	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.130	0.020	--	0.818	0.126	--		1
Trichloroethene	0.038	0.020	--	0.204	0.107	--		1
Tetrachloroethene	0.073	0.020	--	0.495	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-04
Client ID: LO-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:30
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/25 03:54
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.656	0.200	--	3.24	0.989	--		1
Chloromethane	0.751	0.200	--	1.55	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	126	5.00	--	237	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.28	1.00	--	14.9	2.38	--		1
Trichlorofluoromethane	0.518	0.200	--	2.91	1.12	--		1
Isopropanol	129	1.00	--	317	2.46	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.54	0.200	--	7.52	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-04
Client ID: LO-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:30
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	0.288	0.200	--	0.920	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.618	0.200	--	2.33	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-04
Client ID: LO-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:30
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

SAMPLE RESULTS

Lab ID: L2509734-04
Client ID: LO-2-19
Sample Location: 7901 FLATLANDS AVE. BROOKLYN, NY

Date Collected: 02/19/25 18:30
Date Received: 02/21/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/07/25 03:54
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.109	0.020	--	0.686	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.162	0.020	--	1.10	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: FLATLANDS
Project Number: Not Specified
Lab Number: L2509734
Report Date: 03/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/06/25 18:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-04 Batch: WG2037508-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: FLATLANDS
Project Number: Not Specified
Lab Number: L2509734
Report Date: 03/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/06/25 18:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-04 Batch: WG2037508-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: FLATLANDS
Project Number: Not Specified
Lab Number: L2509734
Report Date: 03/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/06/25 18:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-04 Batch: WG2037508-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: FLATLANDS
Project Number: Not Specified
Lab Number: L2509734
Report Date: 03/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 03/06/25 19:37

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-04 Batch: WG2037509-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-04 Batch: WG2037508-3								
Dichlorodifluoromethane	104		-		70-130	-		
Chloromethane	94		-		70-130	-		
Freon-114	104		-		70-130	-		
Vinyl chloride	102		-		70-130	-		
1,3-Butadiene	91		-		70-130	-		
Bromomethane	105		-		70-130	-		
Chloroethane	102		-		70-130	-		
Ethanol	75		-		40-160	-		
Vinyl bromide	98		-		70-130	-		
Acetone	90		-		40-160	-		
Trichlorofluoromethane	85		-		70-130	-		
Isopropanol	102		-		40-160	-		
1,1-Dichloroethene	127		-		70-130	-		
Tertiary butyl Alcohol	110		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	113		-		70-130	-		
Carbon disulfide	101		-		70-130	-		
Freon-113	112		-		70-130	-		
trans-1,2-Dichloroethene	116		-		70-130	-		
1,1-Dichloroethane	119		-		70-130	-		
Methyl tert butyl ether	96		-		70-130	-		
2-Butanone	101		-		70-130	-		
cis-1,2-Dichloroethene	121		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-04 Batch: WG2037508-3								
Ethyl Acetate	128		-		70-130	-		
Chloroform	117		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
1,2-Dichloroethane	122		-		70-130	-		
n-Hexane	124		-		70-130	-		
1,1,1-Trichloroethane	107		-		70-130	-		
Benzene	102		-		70-130	-		
Carbon tetrachloride	122		-		70-130	-		
Cyclohexane	110		-		70-130	-		
1,2-Dichloropropane	114		-		70-130	-		
Bromodichloromethane	120		-		70-130	-		
1,4-Dioxane	110		-		70-130	-		
Trichloroethene	107		-		70-130	-		
2,2,4-Trimethylpentane	116		-		70-130	-		
Heptane	101		-		70-130	-		
cis-1,3-Dichloropropene	107		-		70-130	-		
4-Methyl-2-pentanone	102		-		70-130	-		
trans-1,3-Dichloropropene	113		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	101		-		70-130	-		
2-Hexanone	90		-		70-130	-		
Dibromochloromethane	117		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-04 Batch: WG2037508-3								
Tetrachloroethene	99		-		70-130	-		
Chlorobenzene	101		-		70-130	-		
Ethylbenzene	97		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	122		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	116		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	102		-		70-130	-		
1,3,5-Trimethylbenzene	106		-		70-130	-		
1,2,4-Trimethylbenzene	108		-		70-130	-		
Benzyl chloride	108		-		70-130	-		
1,3-Dichlorobenzene	109		-		70-130	-		
1,4-Dichlorobenzene	111		-		70-130	-		
1,2-Dichlorobenzene	105		-		70-130	-		
1,2,4-Trichlorobenzene	95		-		70-130	-		
Naphthalene	101		-		70-130	-		
Hexachlorobutadiene	99		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-04 Batch: WG2037509-3								
Vinyl chloride	88		-		70-130	-		25
1,1-Dichloroethene	111		-		70-130	-		25
cis-1,2-Dichloroethene	105		-		70-130	-		25
1,1,1-Trichloroethane	105		-		70-130	-		25
Carbon tetrachloride	112		-		70-130	-		25
Trichloroethene	96		-		70-130	-		25
Tetrachloroethene	89		-		70-130	-		25

Project Name: FLATLANDS

Project Number:

Lab Number: L2509734

Report Date: 03/07/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2509734-01	TW-2-19	0454	Flow 4	02/06/25	506114		-	-	-	Pass	10.0	11.3	12
L2509734-01	TW-2-19	5213	6.0L Can	02/06/25	506114	L2505816-06	Pass	-29.5	-6.0	-	-	-	-
L2509734-02	GD-2-19	02261	Flow 5	02/06/25	506114		-	-	-	Pass	10.0	10.4	4
L2509734-02	GD-2-19	1559	6.0L Can	02/06/25	506114	L2505816-06	Pass	-29.9	-6.0	-	-	-	-
L2509734-03	GK-2-19	0783	Flow 4	02/06/25	506114		-	-	-	Pass	10.0	10.9	9
L2509734-03	GK-2-19	3285	6.0L Can	02/06/25	506114	L2505816-09	Pass	-29.9	-8.1	-	-	-	-
L2509734-04	LO-2-19	01895	Flow 5	02/06/25	506114		-	-	-	Pass	10.0	10.6	6
L2509734-04	LO-2-19	5424	6.0L Can	02/06/25	506114	L2505816-05	Pass	-29.9	-5.8	-	-	-	-

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

Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-05
Client ID: CAN 4868 SHELF 52
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/04/25 20:32
Analyst: JMB

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-05
Client ID: CAN 4868 SHELF 52
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-05
Client ID: CAN 4868 SHELF 52
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-05
Client ID: CAN 4868 SHELF 52
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2505816

Project Number: CANISTER QC BAT **Report Date:** 03/07/25

Air Canister Certification Results

Lab ID: L2505816-05
Client ID: CAN 4868 SHELF 52
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	107		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2505816

Project Number: CANISTER QC BAT **Report Date:** 03/07/25

Air Canister Certification Results

Lab ID: L2505816-05
Client ID: CAN 4868 SHELF 52
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/04/25 20:32
Analyst: JMB

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

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

Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-05
Client ID: CAN 4868 SHELF 52
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-05
Client ID: CAN 4868 SHELF 52
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	113		60-140
bromochloromethane	116		60-140
chlorobenzene-d5	115		60-140

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

Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-06
Client ID: CAN 4341 SHELF 53
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/04/25 21:09
Analyst: JMB

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-06
Client ID: CAN 4341 SHELF 53
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-06
Client ID: CAN 4341 SHELF 53
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-06
Client ID: CAN 4341 SHELF 53
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2505816

Project Number: CANISTER QC BAT **Report Date:** 03/07/25

Air Canister Certification Results

Lab ID: L2505816-06
Client ID: CAN 4341 SHELF 53
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	107		60-140
Bromochloromethane	109		60-140
chlorobenzene-d5	108		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-06
Client ID: CAN 4341 SHELF 53
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/04/25 21:09
Analyst: JMB

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-06
Client ID: CAN 4341 SHELF 53
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-06
Client ID: CAN 4341 SHELF 53
Sample Location:

Date Collected: 02/03/25 18:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	114		60-140
bromochloromethane	118		60-140
chlorobenzene-d5	115		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-09
Client ID: CAN 2966 SHELF 42
Sample Location:

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/04/25 23:02
Analyst: JMB

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-09
Client ID: CAN 2966 SHELF 42
Sample Location:

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2505816

Project Number: CANISTER QC BAT **Report Date:** 03/07/25

Air Canister Certification Results

Lab ID: L2505816-09
Client ID: CAN 2966 SHELF 42
Sample Location:

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-09
Client ID: CAN 2966 SHELF 42
Sample Location:

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2505816

Project Number: CANISTER QC BAT **Report Date:** 03/07/25

Air Canister Certification Results

Lab ID: L2505816-09
Client ID: CAN 2966 SHELF 42
Sample Location:

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	103		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2505816
Report Date: 03/07/25

Air Canister Certification Results

Lab ID: L2505816-09
Client ID: CAN 2966 SHELF 42
Sample Location:

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/04/25 23:02
Analyst: JMB

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2505816

Project Number: CANISTER QC BAT **Report Date:** 03/07/25

Air Canister Certification Results

Lab ID: L2505816-09
Client ID: CAN 2966 SHELF 42
Sample Location:

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2505816

Project Number: CANISTER QC BAT **Report Date:** 03/07/25

Air Canister Certification Results

Lab ID: L2505816-09
Client ID: CAN 2966 SHELF 42
Sample Location:

Date Collected: 02/04/25 11:00
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	115		60-140
bromochloromethane	121		60-140
chlorobenzene-d5	110		60-140

Project Name: FLATLANDS
Project Number: Not Specified

Lab Number: L2509734
Report Date: 03/07/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2509734-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2509734-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2509734-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2509734-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	FLATLANDS	**Lab Number:**	L2509734
Project Number:	Not Specified	**Report Date:**	03/07/25

GLOSSARY

Acronyms

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

Report Format: Data Usability Report

Project Name:	FLATLANDS	**Lab Number:**	L2509734
Project Number:	Not Specified	**Report Date:**	03/07/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: *Data Usability Report*

Project Name:	FLATLANDS	**Lab Number:**	L2509734
Project Number:	Not Specified	**Report Date:**	03/07/25

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: FLATLANDS
Project Number: Not Specified
Lab Number: L2509734
Report Date: 03/07/25

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE ____ OF ____

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2/22/25

ALPHA Job #: L2509734

Client Information

Client: Tovchstone Environmental
Address: 1919 Middle country rd. Suite 205 Centereach, NY 11720
Phone: 6316723530
Fax:
Email: rachelataman@tovchstoneenvironmental.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Flatlands
Project Location: 7901 Flatlands Ave. Brooklyn, NY
Project #:
Project Manager: Rachel Ataman
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
09734-01	TW-2-19	2/19/25	10:00	18:00	-30.15	-6.40	AA	F.A.	6L.	5213	0454	✓						
02	GD-2-19	↓	10:05	18:05	-30.23	-6.75	AA	F.A.	↓	1559	02261	✓						
03	GK-2-19		10:15	18:15	-31.26	-8.51	AA	F.A.		3285	0783	✓						
04	LO-2-19		10:30	18:30	-30.73	-6.77	AA	F.A.		5424	01895	✓						

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	2/21/25 1330	[signature] Anthony Green	2/21/25 13:30
[signature]	2/21/25 1730		FEB 21 2025 2100
[signature] Anthony Green	2/22/25 0100		2/22/25 0100
[signature]	2/22/25 0530	[signature]	2/22/25 0530

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

PHOENIX
Environmental Laboratories, Inc.

Tuesday, April 01, 2025

Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Project ID: **FLATLANDS-1932 RALPH AVE. BROOKLYN, NY**
SDG ID: **GCS93422**
Sample ID#s: CS93422 - CS93425

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

April 01, 2025

SDG I.D.: GCS93422

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY

Client Id	Lab Id	Matrix	Col Date
GD-3-27-25	CS93422	AIR	03/27/25 20:30
LO-3-27-25	CS93423	AIR	03/27/25 20:35
TW-3-27-25	CS93424	AIR	03/27/25 20:45
GK-3-27-25	CS93425	AIR	03/27/25 20:35

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 01, 2025

FOR: Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	FA	03/27/25	20:30
Location Code:	TOUCHSTONE	Received by:	CP	03/28/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	11286				

Laboratory Data

SDG ID: GCS93422
Phoenix ID: CS93422

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: GD-3-27-25

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/29/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	03/29/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/29/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/29/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/29/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/29/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/29/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/29/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/29/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/29/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/29/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/29/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/29/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/29/25	KCA	1	
Acetone	3.77	*0.421*	8.95	*1.00*	03/29/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/29/25	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	03/29/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/29/25	KCA	1	

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: GD-3-27-25

Phoenix I.D.: CS93422

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	03/29/25	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	03/29/25	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	03/29/25	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	03/29/25	KCA	1	
Carbon Tetrachloride	0.064		*0.032*	0.40	*0.20*	03/29/25	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	03/29/25	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	03/29/25	KCA	1	
Chloroform	0.297		*0.205*	1.45	*1.00*	03/29/25	KCA	1	
Chloromethane	0.878		*0.485*	1.81	*1.00*	03/29/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	ND	*0.20*	03/29/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/29/25	KCA	1	
Cyclohexane	ND		*0.291*	ND	*1.00*	03/29/25	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	03/29/25	KCA	1	
Dichlorodifluoromethane	0.544		*0.202*	2.69	*1.00*	03/29/25	KCA	1	
Ethanol	48.7	E	*0.531*	91.7	*1.00*	03/29/25	KCA	1	1
Ethyl acetate	0.279		*0.278*	1.00	*1.00*	03/29/25	KCA	1	1
Ethylbenzene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Heptane	ND		*0.244*	ND	*1.00*	03/29/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	03/29/25	KCA	1	
Hexane	ND		*0.284*	ND	*1.00*	03/29/25	KCA	1	
Isooctane	0.666		*0.215*	3.10	*1.00*	03/29/25	KCA	1	
Isopropylalcohol	31.1		*0.407*	76.4	*1.00*	03/29/25	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	03/29/25	KCA	1	
m,p-Xylene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	ND	*1.00*	03/29/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	03/29/25	KCA	1	
Methylene Chloride	ND		*0.863*	ND	*3.00*	03/29/25	KCA	1	
Naphthalene	ND		*0.200*	ND	*1.05*	03/29/25	KCA	1	
n-Butylbenzene	ND		*0.182*	ND	*1.00*	03/29/25	KCA	1	1
o-Xylene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Propylene	ND		*0.581*	ND	*1.00*	03/29/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	03/29/25	KCA	1	1
Styrene	ND		*0.235*	ND	*1.00*	03/29/25	KCA	1	
Tetrachloroethene	0.268		*0.037*	1.82	*0.25*	03/29/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	ND	*1.00*	03/29/25	KCA	1	1
Toluene	0.297		*0.266*	1.12	*1.00*	03/29/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	03/29/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/29/25	KCA	1	
Trichloroethene	ND		*0.037*	ND	*0.20*	03/29/25	KCA	1	
Trichlorofluoromethane	0.732		*0.178*	4.11	*1.00*	03/29/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	03/29/25	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	03/29/25	KCA	1	
QA/QC Surrogates/Internals									
% Bromofluorobenzene	102		*%*	102	*%*	03/29/25	KCA	1	
% IS-1,4-Difluorobenzene	97		*%*	97	*%*	03/29/25	KCA	1	
% IS-Bromochloromethane	101		*%*	101	*%*	03/29/25	KCA	1	
% IS-Chlorobenzene-d5	96		*%*	96	*%*	03/29/25	KCA	1	

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Phoenix I.D.: CS93422

Client ID: GD-3-27-25

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 01, 2025
Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 01, 2025

FOR: Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	FA	03/27/25	20:35
Location Code:	TOUCHSTONE	Received by:	CP	03/28/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23329				

Laboratory Data

SDG ID: GCS93422
Phoenix ID: CS93423

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: LO-3-27-25

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/29/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	03/29/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/29/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/29/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/29/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/29/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/29/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/29/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/29/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/29/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/29/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/29/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/29/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/29/25	KCA	1	
Acetone	7.20	*0.421*	17.1	*1.00*	03/29/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/29/25	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	03/29/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/29/25	KCA	1	

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: LO-3-27-25

Phoenix I.D.: CS93423

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	03/29/25	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	03/29/25	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	03/29/25	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	03/29/25	KCA	1	
Carbon Tetrachloride	0.090		*0.032*	0.57	*0.20*	03/29/25	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	03/29/25	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	03/29/25	KCA	1	
Chloroform	0.370		*0.205*	1.81	*1.00*	03/29/25	KCA	1	
Chloromethane	0.805		*0.485*	1.66	*1.00*	03/29/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	ND	*0.20*	03/29/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/29/25	KCA	1	
Cyclohexane	ND		*0.291*	ND	*1.00*	03/29/25	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	03/29/25	KCA	1	
Dichlorodifluoromethane	0.574		*0.202*	2.84	*1.00*	03/29/25	KCA	1	
Ethanol	64.3	E	*0.531*	121	*1.00*	03/29/25	KCA	1	1
Ethyl acetate	0.374		*0.278*	1.35	*1.00*	03/29/25	KCA	1	1
Ethylbenzene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Heptane	ND		*0.244*	ND	*1.00*	03/29/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	03/29/25	KCA	1	
Hexane	ND		*0.284*	ND	*1.00*	03/29/25	KCA	1	
Isooctane	2.15		*0.215*	10.0	*1.00*	03/29/25	KCA	1	
Isopropylalcohol	50.5	E	*0.407*	124	*1.00*	03/29/25	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	03/29/25	KCA	1	
m,p-Xylene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	ND	*1.00*	03/29/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	03/29/25	KCA	1	
Methylene Chloride	ND		*0.863*	ND	*3.00*	03/29/25	KCA	1	
Naphthalene	ND		*0.200*	ND	*1.05*	03/29/25	KCA	1	
n-Butylbenzene	ND		*0.182*	ND	*1.00*	03/29/25	KCA	1	1
o-Xylene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Propylene	ND		*0.581*	ND	*1.00*	03/29/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	03/29/25	KCA	1	1
Styrene	ND		*0.235*	ND	*1.00*	03/29/25	KCA	1	
Tetrachloroethene	0.103		*0.037*	0.70	*0.25*	03/29/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	ND	*1.00*	03/29/25	KCA	1	1
Toluene	0.325		*0.266*	1.22	*1.00*	03/29/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	03/29/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/29/25	KCA	1	
Trichloroethene	ND		*0.037*	ND	*0.20*	03/29/25	KCA	1	
Trichlorofluoromethane	0.671		*0.178*	3.77	*1.00*	03/29/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	03/29/25	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	03/29/25	KCA	1	
QA/QC Surrogates/Internals									
% Bromofluorobenzene	103		*%*	103	*%*	03/29/25	KCA	1	
% IS-1,4-Difluorobenzene	97		*%*	97	*%*	03/29/25	KCA	1	
% IS-Bromochloromethane	99		*%*	99	*%*	03/29/25	KCA	1	
% IS-Chlorobenzene-d5	96		*%*	96	*%*	03/29/25	KCA	1	

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Phoenix I.D.: CS93423

Client ID: LO-3-27-25

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 01, 2025
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 01, 2025

FOR: Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	FA	03/27/25	20:45
Location Code:	TOUCHSTONE	Received by:	CP	03/28/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23344				

Laboratory Data

SDG ID: GCS93422
Phoenix ID: CS93424

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: TW-3-27-25

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/29/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	03/29/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/29/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/29/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/29/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/29/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/29/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/29/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/29/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/29/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/29/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/29/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/29/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/29/25	KCA	1	
Acetone	3.71	*0.421*	8.81	*1.00*	03/29/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/29/25	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	03/29/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/29/25	KCA	1	

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: TW-3-27-25

Phoenix I.D.: CS93424

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	03/29/25	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	03/29/25	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	03/29/25	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	03/29/25	KCA	1	
Carbon Tetrachloride	0.066		*0.032*	0.41	*0.20*	03/29/25	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	03/29/25	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	03/29/25	KCA	1	
Chloroform	ND		*0.205*	ND	*1.00*	03/29/25	KCA	1	
Chloromethane	0.828		*0.485*	1.71	*1.00*	03/29/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	ND	*0.20*	03/29/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/29/25	KCA	1	
Cyclohexane	ND		*0.291*	ND	*1.00*	03/29/25	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	03/29/25	KCA	1	
Dichlorodifluoromethane	0.552		*0.202*	2.73	*1.00*	03/29/25	KCA	1	
Ethanol	36.5		*0.531*	68.7	*1.00*	03/29/25	KCA	1	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	03/29/25	KCA	1	1
Ethylbenzene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Heptane	ND		*0.244*	ND	*1.00*	03/29/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	03/29/25	KCA	1	
Hexane	ND		*0.284*	ND	*1.00*	03/29/25	KCA	1	
Isooctane	0.384		*0.215*	1.79	*1.00*	03/29/25	KCA	1	
Isopropylalcohol	50.4	E	*0.407*	124	*1.00*	03/29/25	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	03/29/25	KCA	1	
m,p-Xylene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	ND	*1.00*	03/29/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	03/29/25	KCA	1	
Methylene Chloride	ND		*0.863*	ND	*3.00*	03/29/25	KCA	1	
Naphthalene	ND		*0.200*	ND	*1.05*	03/29/25	KCA	1	
n-Butylbenzene	ND		*0.182*	ND	*1.00*	03/29/25	KCA	1	1
o-Xylene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Propylene	ND		*0.581*	ND	*1.00*	03/29/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	03/29/25	KCA	1	1
Styrene	ND		*0.235*	ND	*1.00*	03/29/25	KCA	1	
Tetrachloroethene	0.059		*0.037*	0.40	*0.25*	03/29/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	ND	*1.00*	03/29/25	KCA	1	1
Toluene	ND		*0.266*	ND	*1.00*	03/29/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	03/29/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/29/25	KCA	1	
Trichloroethene	ND		*0.037*	ND	*0.20*	03/29/25	KCA	1	
Trichlorofluoromethane	0.504		*0.178*	2.83	*1.00*	03/29/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	03/29/25	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	03/29/25	KCA	1	
QA/QC Surrogates/Internals									
% Bromofluorobenzene	101		*%*	101	*%*	03/29/25	KCA	1	
% IS-1,4-Difluorobenzene	96		*%*	96	*%*	03/29/25	KCA	1	
% IS-Bromochloromethane	99		*%*	99	*%*	03/29/25	KCA	1	
% IS-Chlorobenzene-d5	95		*%*	95	*%*	03/29/25	KCA	1	

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: TW-3-27-25

Phoenix I.D.: CS93424

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 01, 2025
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

April 01, 2025

FOR: Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	FA	03/27/25	20:35
Location Code:	TOUCHSTONE	Received by:	CP	03/28/25	16:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28548				

Laboratory Data

SDG ID: GCS93422
Phoenix ID: CS93425

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: GK-3-27-25

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/29/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	03/29/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/29/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/29/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/29/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/29/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/29/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/29/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/29/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/29/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/29/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/29/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/29/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/29/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	03/29/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/29/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/29/25	KCA	1	
Acetone	8.55	*0.421*	20.3	*1.00*	03/29/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/29/25	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	03/29/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/29/25	KCA	1	

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Client ID: GK-3-27-25

Phoenix I.D.: CS93425

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	03/29/25	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	03/29/25	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	03/29/25	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	03/29/25	KCA	1	
Carbon Tetrachloride	0.069		*0.032*	0.43	*0.20*	03/29/25	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	03/29/25	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	03/29/25	KCA	1	
Chloroform	2.25		*0.205*	11.0	*1.00*	03/29/25	KCA	1	
Chloromethane	1.19		*0.485*	2.46	*1.00*	03/29/25	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	ND	*0.20*	03/29/25	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/29/25	KCA	1	
Cyclohexane	ND		*0.291*	ND	*1.00*	03/29/25	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	03/29/25	KCA	1	
Dichlorodifluoromethane	0.614		*0.202*	3.03	*1.00*	03/29/25	KCA	1	
Ethanol	86.3	E	*0.531*	163	*1.00*	03/29/25	KCA	1	1
Ethyl acetate	1.27		*0.278*	4.57	*1.00*	03/29/25	KCA	1	1
Ethylbenzene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Heptane	0.482		*0.244*	1.97	*1.00*	03/29/25	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	03/29/25	KCA	1	
Hexane	ND		*0.284*	ND	*1.00*	03/29/25	KCA	1	
Isooctane	1.54		*0.215*	7.18	*1.00*	03/29/25	KCA	1	
Isopropylalcohol	79.3	E	*0.407*	195	*1.00*	03/29/25	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	03/29/25	KCA	1	
m,p-Xylene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Methyl Ethyl Ketone	ND		*0.339*	ND	*1.00*	03/29/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	03/29/25	KCA	1	
Methylene Chloride	ND		*0.863*	ND	*3.00*	03/29/25	KCA	1	
Naphthalene	ND		*0.200*	ND	*1.05*	03/29/25	KCA	1	
n-Butylbenzene	ND		*0.182*	ND	*1.00*	03/29/25	KCA	1	1
o-Xylene	ND		*0.230*	ND	*1.00*	03/29/25	KCA	1	
Propylene	ND		*0.581*	ND	*1.00*	03/29/25	KCA	1	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	03/29/25	KCA	1	1
Styrene	ND		*0.235*	ND	*1.00*	03/29/25	KCA	1	
Tetrachloroethene	0.074		*0.037*	0.50	*0.25*	03/29/25	KCA	1	
Tetrahydrofuran	ND		*0.339*	ND	*1.00*	03/29/25	KCA	1	1
Toluene	0.312		*0.266*	1.18	*1.00*	03/29/25	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	03/29/25	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	03/29/25	KCA	1	
Trichloroethene	ND		*0.037*	ND	*0.20*	03/29/25	KCA	1	
Trichlorofluoromethane	5.47		*0.178*	30.7	*1.00*	03/29/25	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	03/29/25	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	03/29/25	KCA	1	
QA/QC Surrogates/Internals									
% Bromofluorobenzene	104		*%*	104	*%*	03/29/25	KCA	1	
% IS-1,4-Difluorobenzene	94		*%*	94	*%*	03/29/25	KCA	1	
% IS-Bromochloromethane	98		*%*	98	*%*	03/29/25	KCA	1	
% IS-Chlorobenzene-d5	93		*%*	93	*%*	03/29/25	KCA	1	

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY
Phoenix I.D.: CS93425

Client ID: GK-3-27-25

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
April 01, 2025
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

April 01, 2025

FOR: Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Location Code: TOUCHSTONE

SDG I.D.: GCS93422

Project ID: FLATLANDS-1932 RALPH AVE. BROOKLYN, NY

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
GD-3-27-25	CS93422	11286	6.0L	10645	03/26/25	-30	-5	11.5	11.5	0.0	-30	-5	03/27/25 12:30	03/27/25 20:30
LO-3-27-25	CS93423	23329	6.0L	10695	03/26/25	-30	-6	11	11	0.0	-30	-7	03/27/25 12:35	03/27/25 20:35
TW-3-27-25	CS93424	23344	6.0L	10567	03/26/25	-30	-7	10.6	10.3	2.9	-30	-7	03/27/25 12:45	03/27/25 20:45
GK-3-27-25	CS93425	28548	6.0L	0167	03/26/25	-30	-5	10.5	10.6	0.9	-30	-6	03/27/25 12:35	03/27/25 20:35

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

April 01, 2025

QA/QC Data

SDG I.D.: GCS93422

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 776848 (ppbv), QC Sample No: CS92808 (CS93422, CS93423, CS93424, CS93425)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.025	ND	0.17	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	110	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.010	ND	0.04	102	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.010	ND	0.07	101	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	103	0.15	0.14	0.036	0.035	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	125	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	106	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.100	ND	0.22	123	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	109	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.025	ND	0.09	96	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	103	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	97	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	102	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	100	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	93	23.0	23.5	9.7	9.90	2.0	70 - 130	25
Acrylonitrile	ND	0.100	ND	0.22	99	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	99	0.56	0.56	0.174	0.174	NC	70 - 130	25
Benzyl chloride	ND	0.100	ND	0.52	103	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	104	0.23	0.24	0.035	0.036	NC	70 - 130	25
Bromoform	ND	0.025	ND	0.26	105	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	118	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	99	0.50	0.51	0.080	0.081	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	106	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	117	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	103	3.35	3.44	0.686	0.705	2.7	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	126	1.50	1.66	0.725	0.805	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	101	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	99	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	103	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	123	2.48	2.47	0.502	0.500	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS93422

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.375	ND	0.71	112	141 E	150	74.7 E	79.7	6.5	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	123	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	103	1.35	1.37	0.310	0.315	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.010	ND	0.11	118	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	103	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	95	11.5	11.7	4.67	4.78	2.3	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	101	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	107	4.56	4.69	1.05	1.08	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	102	0.85	0.85	0.288	0.287	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	99	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	94	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	2.50	ND	13.1	102	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	98	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	105	1.21	1.22	0.279	0.280	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	89	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	105	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	104	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	102	5.12	5.16	0.755	0.761	0.8	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	98	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	103	1.51	1.55	0.402	0.412	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	99	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	99	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	108	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	102	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	104	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.010	ND	0.03	124	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	94	%	94	%	92	103	103	103	103	NC	70 - 130	25
% IS-1,4-Difluorobenzene	100	%	100	%	99	99	97	99	97	NC	60 - 140	25
% IS-Bromochloromethane	102	%	102	%	102	100	98	100	98	NC	60 - 140	25
% IS-Chlorobenzene-d5	97	%	97	%	104	97	97	97	97	NC	60 - 140	25

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
April 01, 2025

Tuesday, April 01, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCS93422 - TOUCHSTONE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

April 01, 2025 SDG I.D.: GCS93422

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
TOUCHSTONE
860-645-1102
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☐ Email:
☐ Phone #:

Report to:	rachel Ataman	Project Name: Flatlands - 1932 Ralph Ave, Brooklyn, NY	Data Format: (Circle) Equis Excel Other:
Customer:	Touchstone Environmental Geology, PC	Invoice to:	Requested Deliverable: RCP ASP CAT B
Address:	1919 Middle Country Road		MCP NJ Deliverables
17207	Centereach, NY 11720	Sampled by: F. Ataman.	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES		
93422	GD-3-27-25	11286	6.0L	-30	-5	10645	11.5	12:30	20:30	3/27/25	-30	-5	X			X		
93423	LO-3-27-25	23329	6.0L	-30	-6	10695	11	12:35	20:35	"	-30	-7	X			X		
93424	TW-3-27-25	23344	6.0L	-30	-7	10567	10.6	12:45	20:45	"	-30	-7	X			X		
93425	GK-3-27-25	28548	6.0L	-30	-5	0167	10.5	12:35	20:35	"	-30	-6	X			X		

Relinquished by:	Accepted by:	Date:	Time:
		3/28/25	0950
		3/28/25	16:30

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: _____

State Where Samples Collected: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(4) - 6.0L 8 hr

Turnaround Time:
- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☒

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	Vapor Intrusion	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial **Sub-slab** Residential Industrial