

December 18, 2024

North Wythe LLC
David Dilmanian
35 North Tyson Avenue
Suite 102
Floral Park, New York

Re: 92-94 North 9th Street, Brooklyn, New York 11215
Phase II Environmental Site Assessment Investigation Report
HazMat E-Designation Number: E-138

Dear Mr. Dilmanian:

This letter is intended to provide you with the results of the recent Phase II Environmental Site Assessment (ESA) Investigation performed at the above-referenced site located at 92-94 North 9th Street in Brooklyn, New York (the Site).

Site Description:

The Site is located at 92-94 North 9th Street in Brooklyn, New York, and occupies an area of approximately 0.08 acres. The Site consists of two rectangular-shaped parcels identified as Block 2310, Lots 9 (92 North 9th Street) and 10 (94 North 9th Street). The Site contains undeveloped vacant land.

Figure 1 provides a Site Plan.

Site History:

This Phase II ESA Investigation was conducted based on Touchstone's recent discussion with the Client regarding the recommendations of the July 2, 2024 Phase I Environmental Site Assessment prepared by GZA. The Phase I ESA identified the following Recognized Environmental Condition (REC):

- "The adjoining property across North 9th Street has been utilized for woodworking from at least 1940 to 2002. Additionally, as indicated on the Sanborn Fire Insurance Maps, the Subject Property was a lumber storage yard from at least 1986 through 2007. The Subject Property's historic use as a lumber storage yard along with the neighboring lumber manufacturer

processes could have a negative impact on the Subject Property, and therefore, since the Subject Property does have an e-designation, a subsurface investigation should be completed under the auspices of the NYC OER."

GZA additionally identified the following business environmental risks associated with the Subject Property:

- "The E-Designation E-138 is listed on both parcels of the Subject Property for Hazardous Materials, Air Quality, and Noise. This requires soil, soil vapor, and groundwater sampling to be performed on the Subject Property before redevelopment is approved."
- "Future Subject Property redevelopment activities might encounter residual contamination in soil or groundwater related to past industrial use. Impacted material must be managed either on or off the Subject Property in conformance with applicable federal, state, and local regulations."

Appendix A provides the August 2024 emails from the client which includes an excerpt of the REC and BERs from the July 2024 Phase I ESA report.

A review of the New York City Office of Environmental Remediation (NYC OER) EPIC website for the Site Block and Lot (Block 2310, Lots 9 and 10) did not identify E-Designations for Noise or Air for the Site.

Phase II Environmental Site Assessment Investigation Fieldwork

The Phase II ESA Investigation fieldwork was conducted on during September and October 2024. The Phase II ESA Investigation was performed to determine if the historic use of the subject property and the adjacent property has impacted upon the environmental quality of the subject property. The investigation also considered the typical E-designation requirements so that the New York City Office of Environmental Remediation (NYC OER) may accept the investigation when applying for a Notice to Proceed. The Phase II ESA Investigation involved the installation of eight soil probes, three monitoring wells, and four soil vapor probes. Eight soil samples, three groundwater samples, four soil vapor samples, and one outdoor air sample were collected. The investigation is further discussed below.

AARCO Environmental Services, Corp. of Lindenhurst, New York performed the drilling operations under the direct supervision of a Touchstone project geologist.

Investigation Procedures

Prior to invasive work, the one-call utility mark-outs were completed in accordance with local laws to locate buried electric, natural gas, telecommunication utilities, etc. **Appendix B** provides photographs of the fieldwork.

Soil Sampling

September 10, 2024 Soil Sampling

Four soil probes (designated SP-1 through SP-4) were installed with a track mounted Geoprobe on September 10, 2024. Soil probe SP-1 was installed in the southwestern portion of the Site, SP-2 was installed to the southeastern portion of the Site to the east of SP-1, SP-3 was installed in the northwestern portion of the Site to the northeast of SP-1, and SP-4 was installed in the northeastern portion of the Site. **Figure 2** depicts the sampling locations. **Appendix B** provides photographs of the fieldwork. The soil probes were installed to approximately 10 feet below surface grade.

On September 10, 2024, the Touchstone geologist screened soil samples at 2.5-foot intervals using a photo-ionization detector (PID) from zero to approximately 10 feet below grade.

October 24, 2024 Soil Sampling

Four soil probes (designated SP-5 through SP-8) were installed with a track-mounted Geoprobe on October 24, 2024. These soil probes were intended to investigate soil from the surface until 10 feet into the water table. Since the water table is present at about 30 feet below grade the soil probes were installed to approximately 40 to 42 feet below grade.

Soil probe SP-5 was installed in the southwestern portion of the Site, SP-6 was installed to the southeastern portion of the Site to the east of SP-5, SP-8 was installed in the northwestern portion of the Site to the northeast of SP-5, and SP-7 was installed in the northeastern portion of the Site. **Figure 2** depicts the sampling locations. **Appendix B** provides photographs of the fieldwork. On October 24, 2024, the Touchstone geologist screened soil samples at 2.5-foot intervals using a photo-ionization detector (PID) from zero to approximately 42.5 feet below grade at SP-5 and SP-8, and 0 to 40 feet below grade at SP-6 and SP-7.

During the soil sampling, the geologist classified the soil samples at 2-foot intervals to determine if any visual or olfactory evidence of fill material and/or a petroleum release was present. The soil mainly consisted of fine to medium-grained white, brown, and gray sand with asphalt, fill material, coal ash, clay, and gravel. No visual or olfactory evidence of a petroleum release was identified during the field screening. All PID readings measured during the soil sampling were identified to be 0.0 ppm. Soil boring logs are provided in **Appendix C**.

Based upon the field screening, the following soil samples were collected for outside laboratory analysis: SP-1 (7.5-10'), SP-2 (7.5-10'), SP-3 (7.5-10'), SP-4 (2.5-5'), SP-5 (2.5-5', 28-30', and 32-37'), SP-6 (2.5-5', 25-27', and 30-35'), SP-7 (10-12', 20-22', and 29-31'), and SP-8 (2.5-5', 27-29', 30-32'). All sixteen soil samples were analyzed for Volatile Organic Compounds (VOCs) via EPA Method 8260. Four soil samples (SP-1 (7.5-10'), SP-2 (7.5-10'), SP-3 (7.5-10'), SP-4 (2.5-5')) were additionally analyzed for Semi-Volatile Organic Compounds (SVOCs) via EPA Method 8270 BN. **Appendix E** provides the laboratory analytical reports.

Groundwater Sampling

Three temporary monitoring wells, identified as MW-1, MW-2, and MW-3, were installed during the fieldwork on November 6, 2024. Monitoring well MW-1 was installed in the southwestern portion of the Site in the same location as SP-5, monitoring well MW-2 was installed to the east of MW-1 in the southeastern portion of the Site in the same location as SP-6, and monitoring well MW-3 was installed

in in the northeastern portion of the Site the same location as SP-7. **Figure 2** depicts the sampling and monitoring well locations. Groundwater was detected at approximately 27.21 feet below grade in the location of MW-1, at approximately 26.86 feet below grade in the location of MW-2 and at approximately 26.20 feet below grade in the location of MW-3. Each monitoring well consisted of 1-inch PVC piping. MW-1 was installed to approximately 40 feet below grade. The well screen at MW-1 was placed approximately 10 feet into the water table. MW-2 was installed to approximately 36 feet below grade. The well screen at MW-2 was placed approximately 10 feet into the water table. MW-3 was installed to approximately 39 feet below grade. The well screen at MW-3 was placed approximately 15 feet into the water table.

The temporary monitoring wells were sampled utilizing low flow techniques on November 6, 2024 using a Peristaltic Geotech Geopump. The samples were placed into laboratory supplied jars.

Groundwater samples MW-1, MW-2, and MW-3 were transported to a NYS certified laboratory and analyzed for volatile organic compounds (VOCs) via EPA Method 8260. **Appendix E** provides the laboratory data.

Soil Vapor Sampling

On September 10, 2024, a limited access Geoprobe was used to install four soil vapor probes (SV-1 through SV-4) to approximately 10-feet below surface grade. Soil vapor probe SV-1 was installed in the location of SP-1, SV-2 was installed in the location of SP-2, SV-3 was installed in the location of SP-3, and SV-4 was installed in the location of SP-4. The soil vapor probe implants consisted of a 6-inch long ¼ inch slotted gas implant connected to a dedicated polyethylene tubing. Bentonite was used to seal the annular space on top of the well point. **Figure 2** depicts the sampling locations.

Following installation, leak tests were performed via helium tracer gas to evaluate the vapor wells for leaks. An Ion Gas Check B4 Portable Leak Detector, calibrated and zeroed in the ambient atmosphere, was used for the leak tests. The results of the leak tests were satisfactory, indicating that any samples obtained would be indicative of soil vapor conditions.

The soil vapor samples were collected using 6-liter, stainless steel, cylindrical SUMMA® canisters. The canisters were provided by Phoenix Environmental Laboratories, Inc. (Phoenix), a NYSDOH-certified laboratory. The canisters were certified clean.

Touchstone received the SUMMA® canisters evacuated to -30 inches of mercury. The SUMMA® canisters were fitted with stainless-steel flow controllers, which Phoenix calibrated to maintain a constant flow rate for approximately two hours of sampling time. The soil vapor samples were collected by connecting the polyethylene tubing to the SUMMA® canisters. Once the port valves were opened, the sub-slab air entered the SUMMA® canisters with pressure differential.

Additionally, one outdoor air sample (OA-1) was collected by opening the port valve on each canister, allowing air to enter the sample container due to the pressure differential. The outdoor air sample (OA-1) was collected from the central portion of the Site during the two-hour soil vapor sampling period.

Touchstone closed the valves after two hours of sampling time and pertinent data (e.g., time, canister vacuum, etc.) was recorded. After the sampling time ceased, Touchstone observed the SUMMA®

canisters to be evacuated between -4 and -2 inches of mercury. The SUMMA[®] canisters were labeled for identification and stored away from direct sunlight prior to analysis

Appendix D contains the Outdoor Air and Sub-Slab Soil Gas Sampling Logs for this investigation.

The vapor samples were collected in accordance with the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006). Flow rates of both purging and sampling did not exceed 0.2 L/min. A sample log sheet summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols was prepared and is provided on the chain of custody.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. Helium was used as the tracer gas and a box served to keep it in contact with the probe during testing. A portable monitoring device was used to analyze a sample of soil vapor for the tracer prior to sampling. The tracer gas was not detected during the integrity test and the seal was deemed competent, thus allowing sampling to commence. An additional integrity test was conducted at the conclusion of the sampling, which determined the seal was still competent.

A total of five Summa Canisters (four soil vapor samples and one outdoor air sample) were transferred to a certified laboratory and analyzed for volatile organic compounds (VOCs) via EPA Method TO-15. **Appendix E** provides the laboratory analytical report.

Decontamination Procedures and Quality Assurance/Quality Control

Each piece of sampling or other down hole equipment was decontaminated prior to each use in order to ensure that cross-contamination between sampling locations did not occur. The following procedure was utilized in the decontamination process:

- Wipe clean and wash with Alconox[®]
- Potable water rinse
- Methanol rinse
- Deionized water rinse
- Air dry

All decontamination procedures were performed in an area segregated from any sampling areas. Any rinsate from the decontamination area was contained and removed from the Site.

All samples were properly handled and placed into the appropriately labeled containers. The samples were placed in a cooler filled with ice and maintained at a maximum of 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses. All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

Analytical Results

Soil Sample Analytical Results

Sixteen soil samples (SP-1 (7.5-10'), SP-2 (7.5-10'), SP-3 (7.5-10'), and SP-4 (2.5-5') SP-5 (2.5-5', 28-30', and 32-37'), SP-6 (2.5-5', 25-27', and 30-35'), SP-7 (10-12', 20-22', and 29-31'), SP-8 (2.5-5', 27-29', 30-32')) were submitted to the laboratory for analysis. **Table 1A** provides the Volatile Organic Compounds (VOC) laboratory analytical results for all soil samples, and Table 1B provides the Semi-Volatile Organic Compounds (SVOC) laboratory analytical results for soil samples SP-1, SP-2, SP-3, and SP-4. The results in **Tables 1A** and **1B** are provided in micrograms per kilogram (ug/kg). **Tables 1A** and **1B** provide comparisons to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective (UUSCO) Standards.

As indicated in **Table 1A**, one VOC, Trichloroethene (1,100 ug/Kg) was detected at a concentration exceeding its UUSCO in soil sample SP-4 (2.5-5'). No other VOCs were detected at concentrations exceeding their respective UUSCOs in SP-4 (2.5-5'). No VOCs were detected concentrations exceeding their respective UUSCOs in the remaining soil samples collected, SP-1 (7.5-10'), SP-2 (7.5-10'), SP-3 (7.5-10'), SP-5 (2.5-5', 28-30', and 32-37'), SP-6 (2.5-5', 25-27', and 30-35'), SP-7 (10-12', 20-22', and 29-31'), or SP-8 (2.5-5', 27-29', 30-32').

The VOC Naphthalene (810 ug/Kg) was detected in SP-4 (2.5-5') at a concentration greater than its Reporting Limit, but less than its UUSCO.

As indicated in **Table 1B**, no SVOCs were detected at concentrations exceeding their respective UUSCOs in the four analyzed soil samples (SP-1, SP-2, SP-3, and SP-4). The SVOCs Benzo(a)anthracene (510 ug/Kg), Benzo(a)pyrene (500 ug/Kg), Benzo(b)fluoranthene (640 ug/Kg), Benzo(g,h,i)perylene (330 ug/Kg), Chrysene (520 ug/Kg), Fluoranthene (1,100 ug/Kg), Indeno(1,2,3-cd)pyrene (300 ug/Kg), Phenanthrene (740 ug/Kg), and Pyrene (880 ug/Kg) were detected in the soil sample collected from SP-4 (2.5-5') at concentrations greater than their respective RLs but less than their respective UUSCO Standards.

Groundwater Analytical Results

Three groundwater samples (MW-1, MW-2, and MW-3) were submitted to the laboratory for analysis. **Table 2** provides the volatile organic compound (VOC) laboratory analytical results. The results in **Table 2** are provided in micrograms per liter (ug/L). **Table 2** provides comparisons to the NYSDEC Technical and Operational Guidance Series (1.1.1) (TOGS) Ambient Water Quality Standard.

As indicated in **Table 2**, the compound cis-1,2-Dichloroethene (cis-1,2-DCE) was detected in MW-1 (23 ug/L) and MW-2 (cis-1,2-DCE: 16 ug/L) at concentrations exceeding its NYSDEC TOGS Standard. The compound Trichloroethene (TCE) was detected in MW-1 (13 ug/L) and MW-2 (5.5 ug/L) at concentrations exceeding its NYSDEC TOGS Standard.

No VOCs were detected at concentrations greater than their respective RLs or NYSDEC TOGS Standard in MW-3.

Soil Vapor and Ambient Air Analytical Results

A total of four soil vapor samples (SV-1 through SV-4) and one outdoor air sample (OA-1) were

collected and submitted to the laboratory for volatile organic compounds (VOCs) via EPA Method TO-15.

Since the site is vacant land no indoor air samples were collected. Based upon the absence of indoor air samples collected during this investigation, NYSDOH guidance recommendations discussed below are based solely on the concentrations detected in the soil vapor. **Figure 2** depicts soil vapor and ambient air sampling locations.

Table 3 summarizes the VOCs detected in the sub-slab vapor and ambient air samples. The results in **Table 3** are provided in micrograms per meter cubed (ug/m3).

Elevated concentrations of petroleum-related compounds were detected in all of the soil vapor samples.

The petroleum-related compound Ethanol was detected at low to moderate concentrations in all of the soil vapor samples (SV-1 through SV-4). The petroleum-related compounds 1,3-Butadiene, Benzene, Ethyl benzene, Isooctane, Isopropyl benzene, m, p-Xylene, Methyl ethyl ketone, Naphthalene, o-Xylene, Propylene, and Toluene were detected at low to elevated concentrations in all of the soil vapor samples (SV-1 through SV-4). The petroleum-related compounds 1,2,4-Trimethylbenzene and Heptane were detected in soil vapor samples SV-1, SV-3, and SV-4.

The compound Hexane was detected in soil vapor samples SV-2, SV-3, and SV-4. The compound 4-Ethyltoluene was detected in soil vapor samples SV-3 and SV-4. The compound 1,3,5-Trimethylbenzene was detected in soil vapor sample SV-2 only. The compound 4-Methyl-2-pentanone was detected in soil vapor sample SV-1 only.

Acetone is a common laboratory contaminant and is not considered to represent an environmental concern for this Site.

Elevated concentrations of chlorinated volatile organic compounds (CVOCs) were also detected in all of the soil vapor samples.

The CVOCs Carbon disulfide (max. of 19.4 ug/m3 in SV-4), Tetrachloroethene (max. of 80.7 ug/m3 in SV-3), and Trichloroethene (max. of 644 ug/m3 in SV-2) were detected at low to elevated concentrations in all soil vapor samples (SV-1 through SV-4). Specifically, Carbon disulfide was detected at 16.9 ug/m3 in SV-1, 6.13 ug/m3 in SV-2, 14.6 ug/m3 in SV-3, and 19.4 ug/m3 in SV-4. Tetrachloroethene was detected at 67.2 ug/m3 in SV-1, 78 ug/m3 in SV-1, 80.7 ug/m3 in SV-3, and 75.9 ug/m3 in SV-4. Trichloroethene was detected at 404 ug/m3 in SV-1, 644 ug/m3 in SV-1, 121 ug/m3 in SV-3, and 97.7 ug/m3 in SV-4.

The CVOc Carbon tetrachloride (max. of 13.5 ug/m3 in SV-1) was detected at concentrations of 13.5 ug/m3 in SV-1 and 5.28 ug/m3 in SV-2. Concentrations of Carbon tetrachloride were detected below the reporting limit in SV-3 and SV-4.

The project geologist noted that a construction zone was present the area across North 9th Street during ambient air testing and that the Site experienced heavy traffic due to construction vehicles, deliveries, and contractor activity.

Conclusions

The Phase II Environmental Site Assessment (ESA) results indicate that the historic use of the Site as a lumber yard has impacted its environmental quality, as evidenced by the soil, groundwater, soil vapor results.

Trichloroethene (TCE) was detected at a concentration of 1,100 ug/Kg in the shallow soil in the northeast portion of the site near North 9th Street, as evidenced by the 2.5 to 5-foot sample from SP-4. The TCE does not extend to the deeper soil samples in this area, as evidenced by the 10 to 12-foot, 20 to 22-foot, and 29 to 31-foot samples collected from SP-7. Additionally, the TCE or any other chlorinated solvents were not detected in the soil beneath any other portions of the site.

The groundwater beneath the downgradient western portion of the site is impacted by low levels of chlorinated solvents that exceed their respective NYSDEC TOGs Standards. The compound cis-1,2-Dichloroethene (cis-1,2-DCE) was identified at concentrations of 23 ug/L in MW-1 and 16 ug/L in MW-2. Trichloroethene (TCE) was also identified at concentrations of 13 ug/L in MW-1 and 5.5 ug/L in MW-2.

The chlorinated solvents were also detected in the soil vapor throughout the site. The CVOCs, Carbon disulfide, Tetrachloroethene (PCE), and Trichloroethene (TCE) were detected at elevated concentrations in all four soil vapor samples (SV-1 through SV-4). Specifically, Carbon disulfide was detected at 16.9 ug/m³ in SV-1, 6.13 ug/m³ in SV-2, 14.6 ug/m³ in SV-3, and 19.4 ug/m³ in SV-4. Tetrachloroethene was detected at 67.2 ug/m³ in SV-1, 78 ug/m³ in SV-1, 80.7 ug/m³ in SV-3, and 75.9 ug/m³ in SV-4. Trichloroethene was detected at 404 ug/m³ in SV-1, 644 ug/m³ in SV-1, 121 ug/m³ in SV-3, and 97.7 ug/m³ in SV-4. The CVOC Carbon tetrachloride (max. of 13.5 ug/m³ in SV-1) was detected at elevated concentrations of 13.5 ug/m³ in SV-1 and 5.28 ug/m³ in SV-2. Concentrations of Carbon tetrachloride were detected below the reporting limit in SV-3 and SV-4.

Residual evidence of petroleum impacts (staining and elevated organic vapor readings) was not identified in any of the soil samples, with the exception of gray/brown medium-grained sand at the 5 to 7.5-foot interval in the location of SP-4 and gray/brown medium-grained sand at the 2.5 to 5-foot and 5 to 7.5-foot intervals in both SP-5 and SP-8. No elevated vapor readings were detected in any of the soil probes.

Petroleum-related VOCs including Ethanol, 1,3-Butadiene, Benzene, Ethyl benzene, Isooctane, Isopropyl benzene, m, p-Xylene, Methyl ethyl ketone, Naphthalene, o-Xylene, Propylene, Toluene, 1,2,4-Trimethylbenzene, Heptane, Hexane, 4-Ethyltoluene, 1,3,5-Trimethylbenzene, 4-Methyl-2-pentanone, Chloromethane, Dichlorodifluoromethane, Isopropyl alcohol, and Trichlorofluoromethane were detected in the soil vapor at low to elevated concentrations. These VOCs were not identified in the soil and groundwater and therefore may have an off-site source.

Several polyaromatic hydrocarbons (PAHs) were detected in the soil sample collected from SP-4 (2.5-5') at concentrations exceeding their respective RLs but less than their respective UUSCOs. These compounds are likely due to the presence of historic fill material at the Site rather than a release since fill material was identified in all of the soil samples.

Recommendations

Touchstone recommends this report be provided to the New York City Office of Environmental Remediation (NYC OER) to discuss the next steps required to develop the site. The NYC OER will most likely require soil excavation during site development and a mitigation system in the new building.

I hope this information is helpful in this phase of your project. If you have any questions, please contact me at rachelataman@touchstoneenvironmental.com.

Very Truly Yours,
Touchstone Environmental Geology, PC

A handwritten signature in black ink, appearing to read "Rachel Ataman", with a stylized flourish at the end.

Rachel Ataman, NYS PG
President

CC: Touchstone File No. 240164

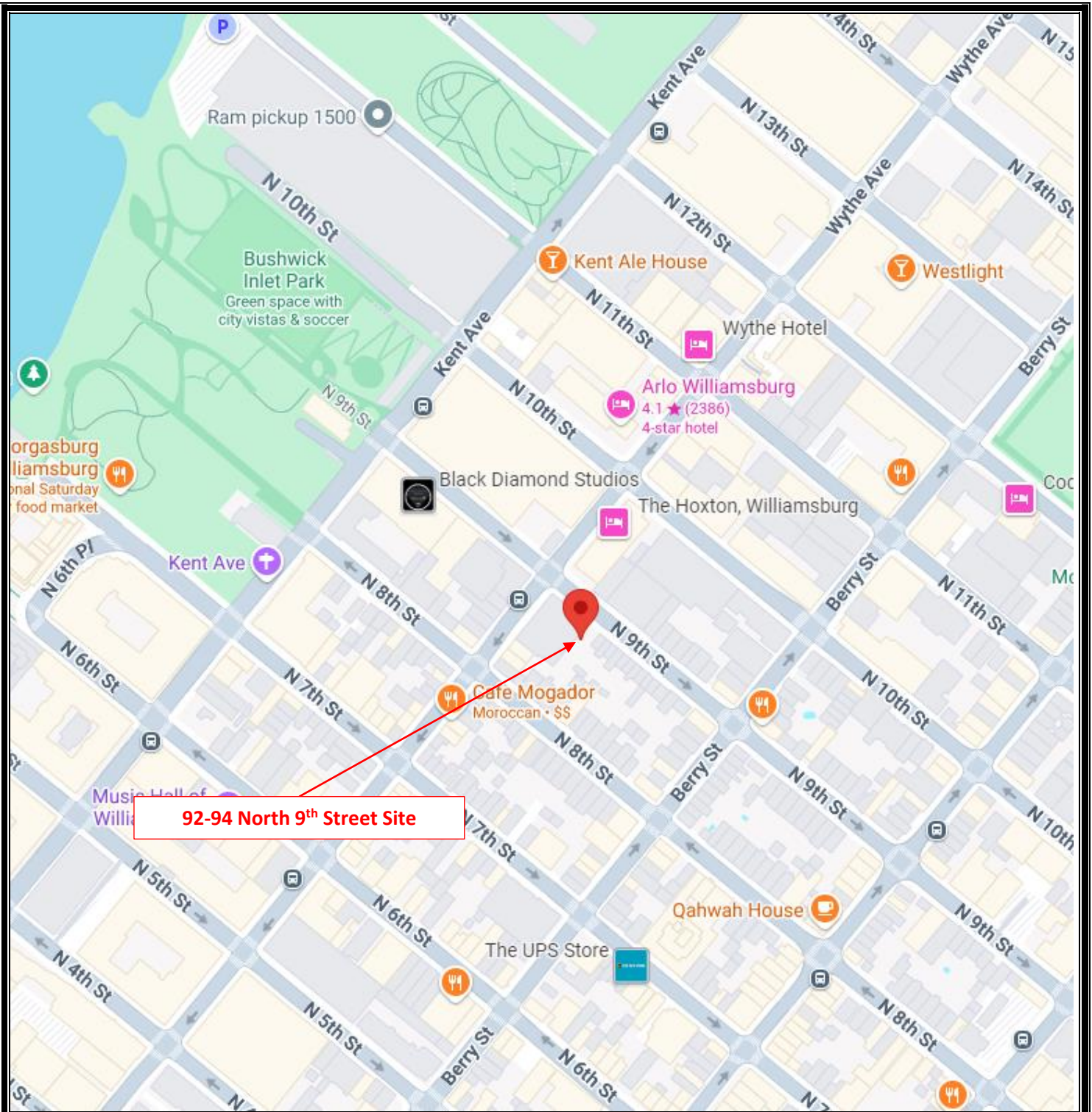


Figure 1: Site Location Map

92-94 North 9th Stret
Brooklyn, New York

TOUCHSTONE
ENVIRONMENTAL GEOLOGY P.C.





KEY:

- Site Boundary
- ▲ Soil Probe / Soil Vapor Probe Location
- Outdoor Air Sampling Location
- ◆ Soil Probe / Groundwater Monitoring Well Location
- ◻ Soil Probe Only Location

Figure 2: Sampling Plan

92-94 North 9th Street
Brooklyn, New York





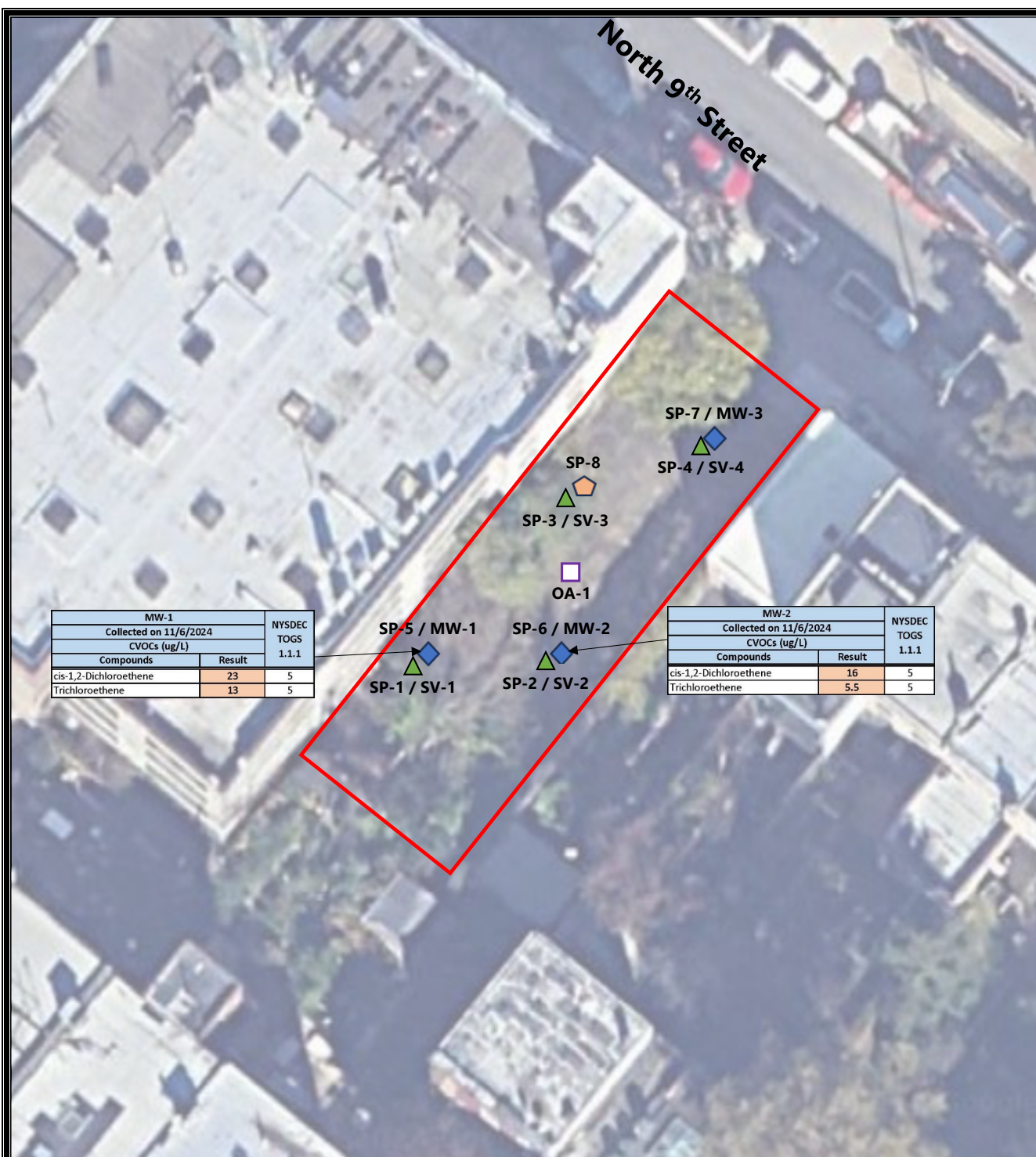
KEY:

- Site Boundary
- ▲ Soil Probe / Soil Vapor Probe Location
- Outdoor Air Sampling Location
- ◆ Soil Probe / Groundwater Monitoring Well Location
- ◻ Soil Probe Only Location

Note:
Green shaded values exceed the UUSCO Standard

Figure 2: Sampling Plan
92-94 North 9th Street
Brooklyn, New York





KEY:

- Site Boundary
- ▲ Soil Probe / Soil Vapor Probe Location
- Outdoor Air Sampling Location
- ◆ Soil Probe / Groundwater Monitoring Well Location
- ▬ Soil Probe Only Location

Note:
Orange shaded values exceed the
NYSDEC TOGS Standard

Figure 2: Sampling Plan
92-94 North 9th Street
Brooklyn, New York



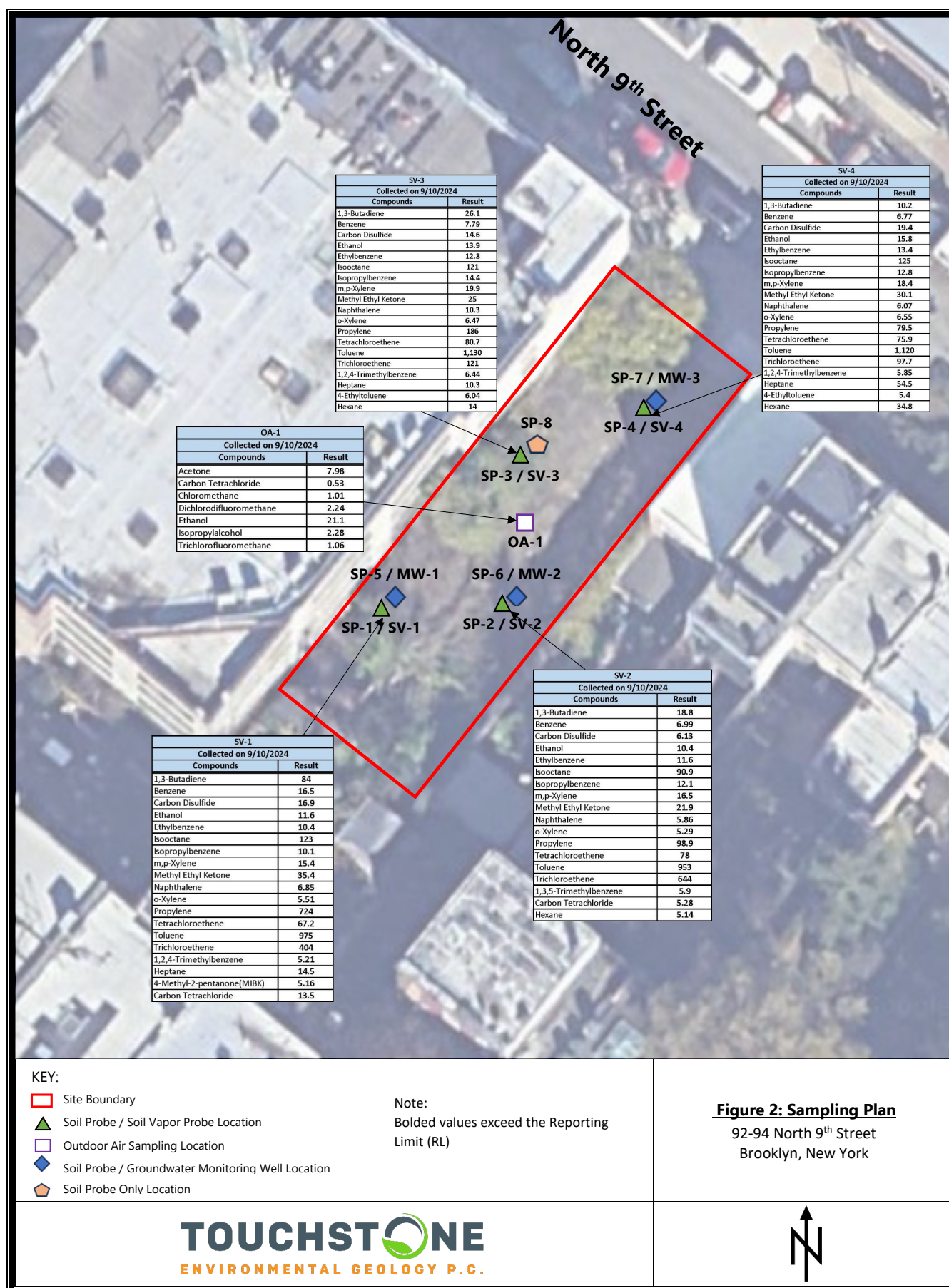


Table 1A
Soil Volatile Organic Compound Analytical Results
92-94 North 9th Street, Brooklyn, New York

Sample ID	Collection Date	NYSDEC 375 Unrestricted SCO	SP-1 (7.5-10FT) 9/10/2024 Soil ug/Kg	SP-2 (7.5-10FT) 9/10/2024 Soil ug/Kg	SP-3 (7.5-10FT) 9/10/2024 Soil ug/Kg	SP-4 (2.5-5FT) 9/10/2024 Soil ug/Kg	SP-5 (2.5-5FT) 10/24/2024 SOIL ug/Kg	SP-5 (28-30FT) 10/24/2024 SOIL ug/Kg	SP-5 (32-37FT) 10/24/2024 SOIL ug/Kg	SP-6 (2.5-5FT) 10/24/2024 SOIL ug/Kg	SP-6 (25-27FT) 10/24/2024 SOIL ug/Kg	SP-6 (30-35FT) 10/24/2024 SOIL ug/Kg	SP-7 (10-12FT) 10/24/2024 SOIL ug/Kg	SP-7 (20-22FT) 10/24/2024 SOIL ug/Kg	SP-7 (29-31FT) 10/24/2024 SOIL ug/Kg	SP-8 (2.5-5FT) 10/24/2024 SOIL ug/Kg	SP-8 (27-29FT) 10/24/2024 SOIL ug/Kg	SP-8 (30-32FT) 10/24/2024 SOIL ug/Kg
Compounds	Matrix	Unit	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,1,1-Trichloroethane	680	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,1,2,2-Tetrachloroethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2,2-Trichloroethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,1-Dichloroethane	270	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,1-Dichloroethene	330	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,1-Dichloropropene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2,3-Trichlorobenzene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2,3-Trichloropropane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2,4-Trichlorobenzene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2,4-Trimethylbenzene	3,600	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2-Dibromo-3-chloropropane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2-Dibromomethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2-Dichlorobenzene	1,100	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2-Dichloroethane	20	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,2-Dichloropropane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,3,5-Trimethylbenzene	8,400	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,3-Dichlorobenzene	2,400	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,3-Dichloropropane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
1,4-Dichlorobenzene	1,800	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
2,2-Dichloropropane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
2-Chlorotoluene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
2-Hexanone	~	~	<21	21	<30	30	<29	29	<24	24	<26	26	<27	27	<22	22	<26	26
2-Isopropyltoluene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
4-Chlorotoluene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
4-Methyl-2-pentanone	~	~	<21	21	<30	30	<29	29	<24	24	<26	26	<27	27	<22	22	<26	26
Acetone	50	~	<21	21	<30	30	<29	29	<24	24	<26	26	<27	27	<22	22	<26	26
Acrylonitrile	~	~	<8.5	8.5	<12	12	<12	12	<9.7	9.7	<10	10	<11	11	<8.7	8.7	<11	11
Benzene	60	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Bromobenzene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Bromochloromethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Bromodichloromethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Bromofrom	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Bromomethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Carbon Disulfide	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Carbon tetrachloride	760	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Chlorobenzene	1,100	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Chloroethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Chloroform	370	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Chlorothane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
cis-1,2-Dichloroethene	250	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
cis-1,3-Dichloropropene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Dibromochloromethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Dibromomethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Dichlorodifluoromethane	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Ethylbenzene	1,000	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Hexachlorobutadiene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Isopropylbenzene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
m&p-Xylene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Methyl Ethyl Ketone	120	~	<21	21	<30	30	<29	29	<24	24	<26	26	<27	27	<22	22	<26	26
Methyl t-butyl ether (MTBE)	930	~	<8.5	8.5	<12	12	<12	12	<9.7	9.7	<10	10	<11	11	<8.7	8.7	<11	11
Methylene chloride	50	~	<8.5	8.5	<12	12	<12	12	<9.7	9.7	<10	10	<11	11	<8.7	8.7	<11	11
Naphthalene	12,000	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	810	660	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
n-Butylbenzene	12,000	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
n-Propylbenzene	3,900	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
o-Xylene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
p-Isopropyltoluene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
sec-Butylbenzene	11,000	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Styrene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
ter-Butylbenzene	5,900	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Tetrachloroethane	1,300	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Tetrahydrofuran (THF)	~	~	<8.5	8.5	<12	12	<12	12	<9.7	9.7	<10	10	<11	11	<8.7	8.7	<11	11
Toluene	700	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
Total Xylenes	260	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
trans-1,2-Dichloroethene	190	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
trans-1,3-Dichloropropene	~	~	<4.2	4.2	<6.1	6.1	<5.9	5.9	<4.8	4.8	<5.2	5.2	<5.4	5.4	<4.4	4.4	<5.3	5.3
trans-1,4-dichloro-2-butene	~	~	<8.5	8.5	<12	12	<12											

Table 1B
Soil Semi Volatile Organic Compound Analytical Results
92-94 North 9th Street, Brooklyn, New York

Sample ID	NYSDEC 375 UnRestricted SCO	SP-1 (7.5-10FT)		SP-2 (7.5-10FT)		SP-3 (7.5-10FT)		SP-4 (2.5-5FT)	
Collection Date		9/10/2024		9/10/2024		9/10/2024		9/10/2024	
Matrix		Soil		Soil		Soil		Soil	
Unit		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Compounds		Result	RL	Result	RL	Result	RL	Result	RL
1,2-Dichlorobenzene	1,100	< 250	250	< 240	240	< 240	240	< 250	250
1,2-Diphenylhydrazine	~	< 250	250	< 240	240	< 240	240	< 250	250
1,3-Dichlorobenzene	2,400	< 250	250	< 240	240	< 240	240	< 250	250
1,4-Dichlorobenzene	1,800	< 250	250	< 240	240	< 240	240	< 250	250
2,2'-Oxybis(1-Chloropropane)	~	< 250	250	< 240	240	< 240	240	< 250	250
2,4-Dinitrotoluene	~	< 250	250	< 240	240	< 240	240	< 250	250
2,6-Dinitrotoluene	~	< 250	250	< 240	240	< 240	240	< 250	250
2-Chloronaphthalene	~	< 250	250	< 240	240	< 240	240	< 250	250
2-Methylnaphthalene	~	< 250	250	< 240	240	< 240	240	< 250	250
2-Nitroaniline	~	< 1000	1,000	< 980	980	< 1000	1,000	< 1100	1,100
3,3'-Dichlorobenzidine	~	< 1400	1,400	< 1300	1,300	< 1400	1,400	< 1500	1,500
3-Nitroaniline	~	< 1000	1,000	< 980	980	< 1000	1,000	< 1100	1,100
4-Bromophenyl phenyl ether	~	< 250	250	< 240	240	< 240	240	< 250	250
4-Chloroaniline	~	< 250	250	< 240	240	< 240	240	< 250	250
4-Chlorophenyl phenyl ether	~	< 250	250	< 240	240	< 240	240	< 250	250
4-Nitroaniline	~	< 1000	1,000	< 980	980	< 1000	1,000	< 1100	1,100
Acenaphthene	20,000	< 250	250	< 240	240	< 240	240	< 250	250
Acenaphthylene	100,000	< 250	250	< 240	240	< 240	240	< 250	250
Anthracene	100,000	< 250	250	< 240	240	< 240	240	< 250	250
Benz(a)anthracene	1,000	< 250	250	< 240	240	< 240	240	510	250
Benzidine	~	< 360	360	< 340	340	< 350	350	< 360	360
Benzo(a)pyrene	1,000	< 250	250	< 240	240	< 240	240	500	250
Benzo(b)fluoranthene	1,000	< 250	250	< 240	240	< 240	240	640	250
Benzo(ghi)perylene	100,000	< 250	250	< 240	240	< 240	240	330	250
Benzo(k)fluoranthene	800	< 250	250	< 240	240	< 240	240	< 250	250
Benzoic acid	~	< 720	720	< 670	670	< 700	700	< 730	730
Benzyl alcohol	~	< 250	250	< 240	240	< 240	240	< 250	250
Benzyl butyl phthalate	~	< 250	250	< 240	240	< 240	240	< 250	250
Bis(2-chloroethoxy)methane	~	< 250	250	< 240	240	< 240	240	< 250	250
Bis(2-chloroethyl)ether	~	< 250	250	< 240	240	< 240	240	< 250	250
Bis(2-ethylhexyl)phthalate	~	< 250	250	< 240	240	< 240	240	< 250	250
Chrysene	1,000	< 250	250	< 240	240	< 240	240	520	250
Dibenz(a,h)anthracene	330	< 250	250	< 240	240	< 240	240	< 250	250
Dibenzofuran	7,000	< 250	250	< 240	240	< 240	240	< 250	250
Diethyl phthalate	~	< 250	250	< 240	240	< 240	240	< 250	250
Dimethylphthalate	~	< 250	250	< 240	240	< 240	240	< 250	250
Di-n-butylphthalate	~	< 250	250	< 240	240	< 240	240	< 250	250
Di-n-octylphthalate	~	< 250	250	< 240	240	< 240	240	< 250	250
Fluoranthene	100,000	< 250	250	< 240	240	< 240	240	1,100	250
Fluorene	30,000	< 250	250	< 240	240	< 240	240	< 250	250
Hexachlorobenzene	330	< 250	250	< 240	240	< 240	240	< 250	250
Hexachlorobutadiene	~	< 250	250	< 240	240	< 240	240	< 250	250
Hexachlorocyclopentadiene	~	< 250	250	< 240	240	< 240	240	< 250	250
Hexachloroethane	~	< 250	250	< 240	240	< 240	240	< 250	250
Indeno(1,2,3-cd)pyrene	500	< 250	250	< 240	240	< 240	240	300	250
Isophorone	~	< 250	250	< 240	240	< 240	240	< 250	250
Naphthalene	12,000	< 250	250	< 240	240	< 240	240	< 250	250
Nitrobenzene	~	< 250	250	< 240	240	< 240	240	< 250	250
N-Nitrosodimethylamine	~	< 250	250	< 240	240	< 240	240	< 250	250
N-Nitrosodi-n-propylamine	~	< 250	250	< 240	240	< 240	240	< 250	250
N-Nitrosodiphenylamine	~	< 250	250	< 240	240	< 240	240	< 250	250
Phenanthrene	100,000	< 250	250	< 240	240	< 240	240	740	250
Pyrene	100,000	< 250	250	< 240	240	< 240	240	880	250

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Green shaded values exceed the UUSCO Standard

Bolded values exceed the Reporting Limit (RL)

ug/kg..micrograms per kilogram

~...no standard

Table 2
Groundwater Volatile Organic Compound Analytical Results
92-94 North 9th Street, Brooklyn, New York

Sample ID	NYSDEC TOGS 1.1.1 WQ/GA Table 1	MW-1		MW-2		MW-3	
Collection Date		11/6/2024		11/6/2024		11/6/2024	
Matrix		Ground Water		Ground Water		Ground Water	
Unit		ug/L		ug/L		ug/L	
Compounds		Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,1,1-Trichloroethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,1,2,2-Tetrachloroethane	5	<0.50	0.50	<0.50	0.50	<0.50	0.50
1,1,2-Trichloroethane	1	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,1-Dichloroethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,1-Dichloroethene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,1-Dichloropropene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,2,3-Trichlorobenzene	~	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,2,3-Trichloropropane	0.04	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,2,4-Trichlorobenzene	~	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,2,4-Trimethylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,2-Dibromoethane	0.0006	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,2-Dichlorobenzene	~	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,2-Dichloroethane	0.6	<0.60	0.60	<0.60	0.60	<0.60	0.60
1,2-Dichloropropane	1	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,3,5-Trimethylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,3-Dichlorobenzene	3	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,3-Dichloropropane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
1,4-Dichlorobenzene	~	<1.0	1.0	<1.0	1.0	<1.0	1.0
2,2-Dichloropropane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
2-Chlorotoluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
2-Hexanone	50	<5.0	5.0	<5.0	5.0	<5.0	5.0
2-Isopropyltoluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
4-Chlorotoluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
4-Methyl-2-pentanone	~	<5.0	5.0	<5.0	5.0	<5.0	5.0
Acetone	50	<25	25	<25	25	<25	25
Acrylonitrile	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Benzene	1	<0.70	0.70	<0.70	0.70	<0.70	0.70
Bromobenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Bromochloromethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Bromodichloromethane	50	<0.50	0.50	<0.50	0.50	<0.50	0.50
Bromoform	50	<1.0	1.0	<1.0	1.0	<1.0	1.0
Bromomethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Carbon Disulfide	~	<5.0	5.0	<5.0	5.0	<5.0	5.0
Carbon tetrachloride	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Chlorobenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Chloroethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Chloroform	7	<1.0	1.0	<1.0	1.0	<1.0	1.0
Chloromethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
cis-1,2-Dichloroethene	5	23	1.0	16	1.0	<1.0	1.0
cis-1,3-Dichloropropene	0.4	<0.40	0.40	<0.40	0.40	<0.40	0.40
Dibromochloromethane	50	<0.50	0.50	<0.50	0.50	<0.50	0.50
Dibromomethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Dichlorodifluoromethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Ethylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Hexachlorobutadiene	0.5	<0.40	0.40	<0.40	0.40	<0.40	0.40
Isopropylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
m&p-Xylene	~	<1.0	1.0	<1.0	1.0	<1.0	1.0
Methyl ethyl ketone	50	<5.0	5.0	<5.0	5.0	<5.0	5.0
Methyl t-butyl ether (MTBE)	~	<1.0	1.0	<1.0	1.0	<1.0	1.0
Methylene chloride	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Naphthalene	10	<1.0	1.0	<1.0	1.0	<1.0	1.0
n-Butylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
n-Propylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
o-Xylene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
p-Isopropyltoluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
sec-Butylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Styrene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
tert-Butylbenzene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Tetrachloroethene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Tetrahydrofuran (THF)	50	<2.5	2.5	<2.5	2.5	<2.5	2.5
Toluene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Total Xylenes	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
trans-1,2-Dichloroethene	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
trans-1,3-Dichloropropene	0.4	<0.40	0.40	<0.40	0.40	<0.40	0.40
trans-1,4-dichloro-2-butene	5	<5.0	5.0	<5.0	5.0	<5.0	5.0
Trichloroethene	5	13	1.0	5.5	1.0	<1.0	1.0
Trichlorofluoromethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Trichlorotrifluoroethane	5	<1.0	1.0	<1.0	1.0	<1.0	1.0
Vinyl chloride	2	<1.0	1.0	<1.0	1.0	<1.0	1.0

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Orange shaded values exceed the NYSDEC TOGS Standard

Bolded values exceed the Reporting Limit (RL)

ug/kg..micrograms per kilogram

~...no standard

Table 3
Soil Vapor and Ambient Air Volatile Organic Compound Analytical Results
92-94 North 9th Street, Brooklyn, New York

Sample ID	SV-1		SV-2		SV-3		SV-4		OA-1	
Collection Date	9/10/2024		9/10/2024		9/10/2024		9/10/2024		9/10/2024	
Matrix	Air		Air		Air		Air		Air	
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Compounds	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,1,1-Trichloroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,1,2-Trichloroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,1-Dichloroethane	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 1.00	1.00
1,1-Dichloroethene	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 0.20	0.20
1,2,4-Trichlorobenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,2,4-Trimethylbenzene	5.21	5.01	< 5.01	5.01	6.44	5.01	5.85	5.01	< 1.00	1.00
1,2-Dibromoethane(EDB)	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,2-Dichlorobenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,2-Dichloroethane	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 1.00	1.00
1,2-dichloropropane	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,3,5-Trimethylbenzene	< 5.01	5.01	5.9	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
1,3-Butadiene	84.2	5.00	18.8	5.00	26.1	5.00	10.2	5.00	< 1.00	1.00
1,3-Dichlorobenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,4-Dichlorobenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
1,4-Dioxane	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
2-Hexanone(MBK)	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
4-Ethyltoluene	< 5.01	5.01	< 5.01	5.01	6.04	5.01	5.4	5.01	< 1.00	1.00
4-Isopropyltoluene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
4-Methyl-2-pentanone(MIBK)	5.16	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
Acetone	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	7.98	1.00
Acrylonitrile	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Benzene	16.5	5.01	6.99	5.01	7.79	5.01	6.77	5.01	< 1.00	1.00
Benzyl chloride	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Bromodichloromethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Bromoform	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Bromomethane	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Carbon Disulfide	16.9	5.01	6.13	5.01	14.6	5.01	19.4	5.01	< 1.00	1.00
Carbon Tetrachloride	13.5	1.00	5.28	1.00	< 1.00	1.00	< 1.00	1.00	0.53	0.20
Chlorobenzene	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Chloroethane	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Chloroform	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 1.00	1.00
Chloromethane	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	1.01	1.00
Cis-1,2-Dichloroethene	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 0.20	0.20
cis-1,3-Dichloropropene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
Cyclohexane	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
Dibromochloromethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Dichlorodifluoromethane	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	2.24	1.00
Ethanol	11.6	5.01	10.4	5.01	13.9	5.01	15.8	5.01	21.1	1.00
Ethyl acetate	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Ethylbenzene	10.4	4.99	11.6	4.99	12.8	4.99	13.4	4.99	< 1.00	1.00
Heptane	14.5	5.00	< 5.00	5.00	10.3	5.00	54.5	5.00	< 1.00	1.00
Hexachlorobutadiene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Hexane	< 5.00	5.00	5.14	5.00	14	5.00	34.8	5.00	< 1.00	1.00
Isooctane	123	4.99	90.9	4.99	121	4.99	125	4.99	< 1.00	1.00
Isopropylalcohol	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	2.28	1.00
Isopropylbenzene	10.1	5.01	12.1	5.01	14.4	5.01	12.8	5.01	< 1.00	1.00
m,p-Xylene	15.4	4.99	16.5	4.99	19.9	4.99	18.4	4.99	< 1.00	1.00
Methyl Ethyl Ketone	35.4	5.01	21.9	5.01	25	5.01	30.1	5.01	< 1.00	1.00
Methyl tert-butyl ether(MTBE)	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Methylene Chloride	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 3.00	3.00
Naphthalene	6.85	5.23	5.86	5.23	10.3	5.23	6.07	5.23	< 1.05	1.05
n-Butylbenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
o-Xylene	5.51	4.99	5.29	4.99	6.47	4.99	6.55	4.99	< 1.00	1.00
Propylene	724	15.0	98.9	5.01	186	5.01	79.5	5.01	< 1.00	1.00
sec-Butylbenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Styrene	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 1.00	1.00
Tetrachloroethene	67.2	1.25	78	1.25	80.7	1.25	75.9	1.25	< 0.25	0.25
Tetrahydrofuran	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00
Toluene	975	15.0	953	15.0	1,130	15.0	1,120	15.0	< 1.00	1.00
Trans-1,2-Dichloroethene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
trans-1,3-Dichloropropene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00
Trichloroethene	404	0.99	644	0.99	121	0.99	97.7	0.99	< 0.20	0.20
Trichlorofluoromethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	1.06	1.00
Trichlorotrifluoroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00
Vinyl Chloride	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 0.20	0.20

NOTES:

There are currently no standards, criteria, or guidance for soil vapor in New York State
 Bolded values indicate the analyte was detected at or above the Reporting Limit (RL)
 ug/m3..micrograms per meters cubed

Appendix A
Email from the Client



Rachel Ataman <rachelataman@touchstoneenvironmental.com>

Re: 92-94 N 9 st

1 message

[REDACTED] <[REDACTED]>
To: Rachel Ataman <rachelataman@touchstoneenvironmental.com>
Cc: [REDACTED]

Thu, Aug 22, 2024 at 1:35 AM

Yes please

Thank you.

On Thu, Aug 22, 2024 at 12:49 AM Rachel Ataman <rachelataman@touchstoneenvironmental.com> wrote:

It does not look like a major issue. Lumber storage yards are usually okay. Do you want me to send you the proposal for the E work?

Thanks

Rachel

On Wed, Aug 21, 2024 at 1:07 PM [REDACTED] wrote:

Hi Rachel,

See attached the finding from the phase 1 report on the lots we spoke about earlier today.
(I don't have the full report yet but this is the finding page).

Please review and let me know what you think and what do we need to do to start the process.

Thank you,
[REDACTED]

9:12
◀ Mail 5G 93
Phase I ESA ASTM Report 92-9... Done



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File No. 41.0163287.00
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11.1 RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)

This Phase I ESA identified the following RECs in connection with the Subject Property:

- The adjoining property across North 9th Street has been utilized for woodworking from at least 1940 to 2007. As indicated on the Sanborn Fire Insurance Maps, the Subject Property was a lumber storage yard from at least 1986 through to 2007. The Subject Property historic use as a lumber storage yard along with the neighboring lumber manufacturer processes could have a negative impact on the Subject Property and therefore, since the Subject Property does have an e-designation, a subsurface investigation should be completed under the auspices of the NYCOER.

11.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS (CRECs)

In GZA's opinion, this Phase I ESA revealed no evidence of CRECs in connection with the Subject Property.

11.3 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECs)

In GZA's opinion, this Phase I ESA revealed no evidence of HRECs in connection with the Subject Property.

11.4 DE MINIMIS CONDITIONS

This Phase I ESA identified the following *de minimis* conditions in connection with the Subject Property:

11.5 SIGNIFICANT DATA GAPS

In GZA's opinion, based on the information made available during this assessment, we did not encounter significant data gaps that affected our ability to identify RECs, CRECs, or HRECs at the Subject Property.

11.6 NON-ASTM E1527-21 CONSIDERATIONS

No non-ASTM E1527-21 considerations were evaluated as part of GZA's Scope of Services.

11.7 BUSINESS ENVIRONMENTAL RISKS (BERS)

This Phase I ESA revealed the following BERS:

- The E-Designation E-138 is listed on both parcels of the Subject Property for Hazardous Materials Air Quality, and Noise. This requires soil, soil vapor, and groundwater sampling to be performed on the Subject Property before redevelopment is approved.
- Future Subject Property redevelopment activities might encounter residual contamination in soil or groundwater related to past industrial use. Impacted material must be managed either on or off the Subject Property in conformance with applicable federal, state, and local regulations.
- If dewatering is required for construction, groundwater sampling and testing in conformance with federal, state, and/or local sewer discharge permit/approval requirements may be required.



July 2, 2024
92-94 North 9th Street, Brooklyn, NY – Phase I Environmental Site Assessment



—
Rachel Ataman, PG
Touchstone Environmental Geology, PC
President

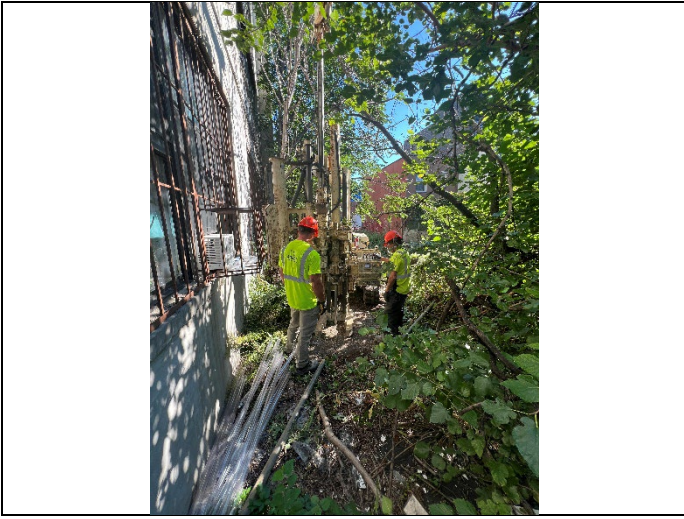
Phone Office: 631-315-2734
Cell Phone: 631-672-3530
email: rachelataman@touchstoneenvironmental.com

1919 Middle Country Road
Suite 205
Centereach, New York 11720

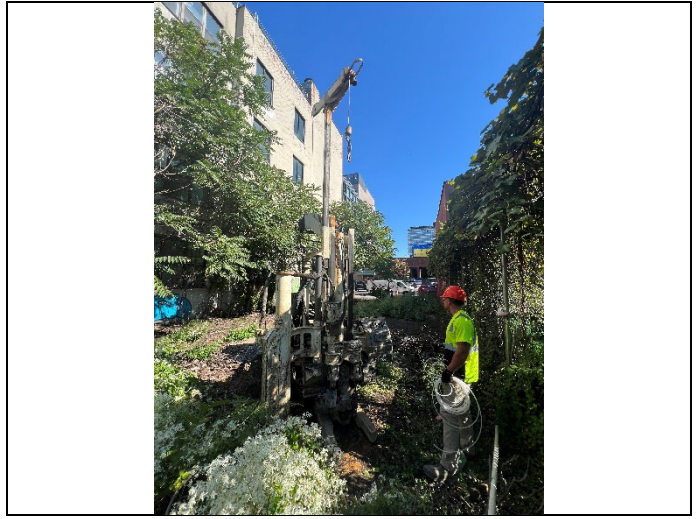
Check out our New Website: touchstone-environmental.com



Appendix B
Photographs



1. Soil Probe Installation (September 2024)



2. Soil Probe Installation (September 2024)



3. Soil Probe Installation (September 2024)



4. Soil Probe Installation (September 2024)



5. Soil Probe Installation (September 2024)



6. Soil Vapor Probe Installation (September 2024)



7. Soil Vapor Sample Collection (September 2024)



8. Soil Vapor Sample Collection (September 2024)



9. Soil Vapor Sample Collection (September 2024)



10. Outdoor Air Sample Collection (September 2024)



11. Soil Vapor Sample Collection (September 2024)



12. Soil Vapor Sample Collection (September 2024)



13. Soil Probe Installation (October 2024)



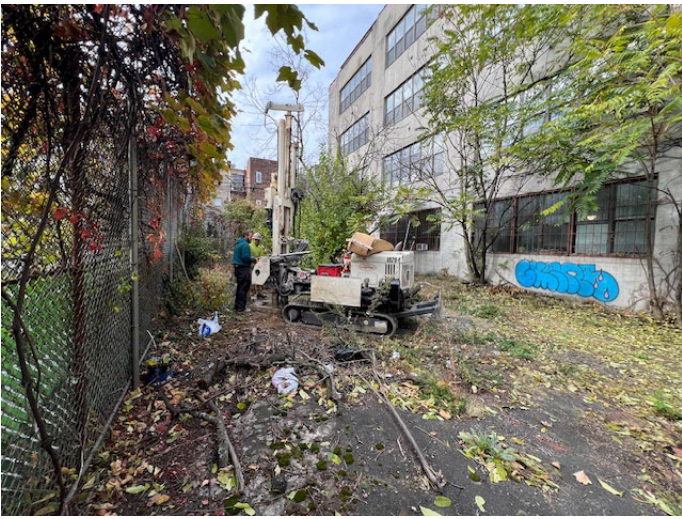
14. Soil Probe Installation (October 2024)



15. Soil Probe Installation (October 2024)



16. Soil Probe Samples (October 2024)



17. Soil Probe Installation (October 2024)



18. Soil Probe Installation (October 2024)



19. Soil Probe Samples (October 2024)



20. Soil Probe Installation (October 2024)



21. Groundwater Monitoring Well



22. Groundwater Monitoring Well



23. Groundwater Monitoring Well



24. Groundwater Monitoring Well Sampling (November 2024)



25. Groundwater Monitoring Well Sampling (November 2024)



26. Groundwater Monitoring Well Sampling (November 2024)



27. Groundwater Monitoring Well Sampling (November 2024)



28. Groundwater Monitoring Well Sampling (November 2024)



29. Groundwater Monitoring Well Sampling (November 2024)

Appendix C
Soil Boring Logs

Touchstone Environmental Geology, PC		Soil Probe Log (SP-1)		
Date: 9/10/2024 Location: 92-94 North 9th Street Brooklyn, New York Boring No: SP-1 Drilling Method: Geoprobe		Total Depth: 10 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: AARCO Environmental Services, Corp. Depth to Water: N/A		
Depth Below Grade and Lithology	Soil Description	PID Reading (PPM)	USCS Symbol	
0 -2.5	Asphalt, Well Graded Medium Grained Brown Sand with Gravel	0.0	SW	
5	Well Graded Fine Grained White and Brown Sand and Moist Well Graded Silty Fine Grained Sand	0.0	SW	
7.5	Same as Above	0.0	SW	
10	Same as Above	0.0	SW	

Touchstone Environmental Geology, PC		Soil Probe Log (SP-2)		
Date: 9/10/2024 Location: 92-94 North 9th Street Brooklyn, New York Boring No: SP-2 Drilling Method: Geoprobe		Total Depth: 10 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: AARCO Environmental Services, Corp. Depth to Water: N/A		
Depth Below Grade and Lithology		Soil Description	PID Reading (PPM)	USCS Symbol
0 -2.5		Asphalt, Fill Materials, Well Graded Medium Grained Brown Sand	0.0	SW
5		Well Graded Fine Grained Brown Sand with Gravel	0.0	SW
7.5		Same as Above	0.0	SW
10		Well Graded Silty Fine Grained Brown Sand	0.0	SW

Touchstone Environmental Geology, PC		Soil Probe Log (SP-3)		
Date: 9/10/2024 Location: 92-94 North 9th Street Brooklyn, New York Boring No: SP-3 Drilling Method: Geoprobe		Total Depth: 10 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: AARCO Environmental Services, Corp. Depth to Water: N/A		
Depth Below Grade and Lithology		Soil Description	PID Reading (PPM)	USCS Symbol
0 -2.5		Asphalt, Rock Pieces, Fill Materials, Brick Pieces, Well Graded Dark Brown Medium and Fine Grained Brown Sand	0.0	SW
5		Bricks, Well Graded Medium Grained Brown Sand with Gravel	0.0	SW
7.5		Well Graded Medium to Fine Grained Brown Sand	0.0	SW
10		Same as Above	0.0	SW

Touchstone Environmental Geology, PC		Soil Probe Log (SP-4)		
Date: 9/10/2024 Location: 92-94 North 9th Street Brooklyn, New York Boring No: SP-4 Drilling Method: Geoprobe		Total Depth: 10 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: AARCO Environmental Services, Corp. Depth to Water: N/A		
Depth Below Grade and Lithology		Soil Description	PID Reading (PPM)	USCS Symbol
0 -2.5		Asphalt, Fill Materials, Concrete, Well Graded Medium Grained Dark Brown/Brown Sand	0.0	SW
5		Same as Above	0.0	SW
7.5		Well Graded Medium Grained Gray/Brown Sand and Well Graded Fine Grained Brown Sand	0.0	SW
10		Well Graded Fine Grained Brown Sand	0.0	SW

Touchstone Environmental Geology, PC		Soil Probe Log (SP-5)		
Date: 10/24/2024		Total Depth: 42.5 feet		
Location: 92-94 North 9th Street Brooklyn, New York		Sampling Interval: 2.5 feet		
Boring No: SP-5		Sampling Method: Grab		
Drilling Method: Geoprobe		Driller: AARCO Environmental Services, Corp.		
		Depth to Water: 32 feet		
Depth Below Grade and Lithology	Soil Description		PID Reading (PPM)	USCS Symbol
0 -2.5	Asphalt, Well Graded Medium Grained Brown Sand with Gravel		0.0	SW
5	Medium to Fine Gray and Brown Sand, Gray Silty Fine Grained Sand		0.0	SW
7.5	Well Sorted Medium Grained Brown Sand, Gray Silty Clay		0.0	SW
10	Same as Above		0.0	SW
12.5	Well Sorted Medium Grained Brown Sand		0.0	SW
15	Same as Above		0.0	SW
17.5	Well Sorted Medium to Fine Grained Brown Sand		0.0	SW
20	Well Sorted Medium Grained Brown Sand, Fine Silty Clay		0.0	SW
22.5	Well Sorted Medium to Fine Grained Brown Sand		0.0	SW
25	Same as Above		0.0	SW
27.5	Same as Above		0.0	SW
30	Well Sorted Medium to Fine Grained Silty Sand		0.0	SW
32.5	Well Sorted Medium to Fine Grained Brown Sand		0.0	SW
35	Well Sorted Medium Grained Brown Sand, Brown Silty Clay, Wet		0.0	SW
37.5	Well Sorted Medium Grained Brown Sand, Brown Silty Clay, Wet		0.0	SW
40	Well Sorted Medium Grained Brown Sand with Gravel, Wet		0.0	SW
42.5	Well Sorted Medium Grained Brown Sand with Gravel, Moist		0.0	SW

Touchstone Environmental Geology, PC		Soil Probe Log (SP-6)		
Date: 10/24/2024 Location: 92-94 North 9th Street Brooklyn, New York Boring No: SP-6 Drilling Method: Geoprobe		Total Depth: 40 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: AARCO Environmental Services, Corp. Depth to Water: 30 feet		
Depth Below Grade and Lithology	Soil Description	PID Reading (PPM)	USCS Symbol	
0 -2.5	Asphalt, Fill Materials, Well Sorted Medium Grained Brown Sand with Gravel	0.0	SW	
5	Fill Materials, Well Sorted Medium to Fine Grained Brown Sand	0.0	SW	
7.5	Brown Silty Sand, Well Sorted Medium Grained Brown Sand	0.0	SW	
10	Well Sorted Medium Grained Brown Sand	0.0	SW	
12.5	Same as Above	0.0	SW	
15	Same as Above	0.0	SW	
17.5	Same as Above	0.0	SW	
20	Medium Grained Brown Sand with Gravel	0.0	SW	
22.5	Same as Above	0.0	SW	
25	Well Sorted Medium to Fine Grained Brown Sand with Gravel, Moist	0.0	SW	
27.5	Same as Above	0.0	SW	
30	Well Sorted Medium Grained Brown Sand, Wet	0.0	SW	
32.5	Well Sorted Medium Grained Brown Sand with Gravel, Wet	0.0	SW	
35	Same as Above	0.0	SW	
37.5	Well Sorted Medium to Fine Grained Brown Sand, Wet	0.0	SW	
40	Well Sorted Medium Grained Brown Sand with Gravel, Wet	0.0	SW	

Touchstone Environmental Geology, PC		Soil Probe Log (SP-7)		
Date: 10/24/2024		Total Depth: 40 feet		
Location: 92-94 North 9th Street Brooklyn, New York		Sampling Interval: 2.5 feet		
Boring No: SP-7		Sampling Method: Grab		
Drilling Method: Geoprobe		Driller: AARCO Environmental Services, Corp.		
		Depth to Water: 29 Feet		
Depth Below Grade and Lithology	Soil Description		PID Reading (PPM)	USCS Symbol
0 -2.5	Asphalt, Coal Ash, Fill Materials, Well Graded Medium Grained Brown Sand		0.0	SW
5	Bricks, Fill Materials, Well Graded Medium Grained Brown and Black Sand with Coal		0.0	SW
7.5	Fill Materials, Bricks, Well Graded Medium to Fine Grained Brown Sand		0.0	SW
10	Well Sorted Fine Grained Brown Sand		0.0	SW
12.5	Fill Materials, Well Sorted Fine Grained Brown Sand		0.0	SW
15	Well Sorted Fine Grained Brown Sand		0.0	SW
17.5	Well Sorted Medium Grained Brown Sand with Gravel		0.0	SW
20	Well Sorted Fine Grained Brown Sand with Gravel		0.0	SW
22.5	Fill Materials, Medium to Fine Grained Brown Sand		0.0	SW
25	Well Sorted Medium Grained Brown Sand, Brown Yellow Clay		0.0	SW
27.5	Fill Materials, Bricks, Well Sorted Medium to Fine Grained Brown Sand		0.0	SW
30	Fill Materials, Well Sorted Medium Brown Sand, Silty Brown Sand, Wet		0.0	SW
32.5	Well Sorted Medium Grained Brown Sand, Silty Brown Sand, Wet		0.0	SW
35	Well Sorted Medium to Fine Grained Brown Sand, Silty Brown Sand, Brown Clay, Wet		0.0	SW
37.5	Well Sorted Medium to Fine Grained Brown Sand		0.0	SW
40	Same as Above		0.0	SW

Touchstone Environmental Geology, PC		Soil Probe Log (SP-8)		
Date: 10/24/2024 Location: 92-94 North 9th Street Brooklyn, New York Boring No: SP-8 Drilling Method: Geoprobe		Total Depth: 42.5 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: AARCO Environmental Services, Corp. Depth to Water: 32 feet		
Depth Below Grade and Lithology	Soil Description		PID Reading (PPM)	USCS Symbol
0 -2.5	Asphalt, Well Graded Medium Grained Brown Sand with Gravel		0.0	SW
5	Medium to Fine Gray and Brown Sand, Gray Silty Fine Grained Sand		0.0	SW
7.5	Well Sorted Medium Grained Brown Sand, Gray Silty Clay		0.0	SW
10	Same as Above		0.0	SW
12.5	Well Sorted Medium Grained Brown Sand		0.0	SW
15	Same as Above		0.0	SW
17.5	Well Sorted Medium to Fine Grained Brown Sand		0.0	SW
20	Well Sorted Medium Grained Brown Sand, Fine Silty Clay		0.0	SW
22.5	Well Sorted Medium to Fine Grained Brown Sand		0.0	SW
25	Same as Above		0.0	SW
27.5	Same as Above		0.0	SW
30	Well Sorted Medium to Fine Grained Silty Sand		0.0	SW
32.5	Well Sorted Medium to Fine Grained Brown Sand		0.0	SW
35	Well Sorted Medium Grained Brown Sand, Brown Silty Clay, Wet		0.0	SW
37.5	Well Sorted Medium Grained Brown Sand, Brown Silty Clay, Wet		0.0	SW
40	Well Sorted Medium Grained Brown Sand with Gravel, Wet		0.0	SW
42.5	Well Sorted Medium Grained Brown Sand with Gravel, Moist		0.0	SW

Appendix D
Soil Vapor and Outdoor Air Sampling Logs

Soil Vapor Sampling Log
92-94 North 9th Street, Brooklyn, New York

Sampler Name: Firat Ataman

Sample Identification	Date Sampled: 08/27/2024		Canister Volume		Canister ID	Flow Controller No.
	Start Time	End Time	Start	Finish		
SV-1	10:00	12:00	-30	-2	49210	7044
SV-2	11:00	13:00	-30	-2	49190	3220
SV-3	11:40	13:40	-30	-4	21344	7045
SV-4	12:30	14:30	-30	-4	49256	10620
OA-1	12:15	14:15	-30	-3	13644	5521

Appendix E
Laboratory Analytical Reports



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

09/10/24
09/11/24

Time

9:30
18:19

Laboratory Data

SDG ID: GCR60838
Phoenix ID: CR60838

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: SP-1 (7.5-10FT)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		09/11/24	CV	SW846-%Solid
Field Extraction	Completed				09/10/24		SW5035A
Soil Extraction for SVOA	Completed				09/11/24	C/X	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
2-Chlorotoluene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	21	ug/Kg	1	09/12/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
4-Chlorotoluene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	21	ug/Kg	1	09/12/24	JLI	SW8260D
Acetone	ND	21	ug/Kg	1	09/12/24	JLI	SW8260D
Acrylonitrile	ND	8.5	ug/Kg	1	09/12/24	JLI	SW8260D
Benzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Bromobenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Bromochloromethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Bromodichloromethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Bromoform	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Bromomethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Carbon Disulfide	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Carbon tetrachloride	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Chlorobenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Chloroethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Chloroform	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Chloromethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Dibromochloromethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Dibromomethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Ethylbenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Isopropylbenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
m&p-Xylene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	21	ug/Kg	1	09/12/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	8.5	ug/Kg	1	09/12/24	JLI	SW8260D
Methylene chloride	ND	8.5	ug/Kg	1	09/12/24	JLI	SW8260D
Naphthalene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
n-Butylbenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
n-Propylbenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
o-Xylene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
sec-Butylbenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Styrene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
tert-Butylbenzene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Tetrachloroethene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	8.5	ug/Kg	1	09/12/24	JLI	SW8260D
Toluene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Total Xylenes	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	8.5	ug/Kg	1	09/12/24	JLI	SW8260D
Trichloroethene	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D
Vinyl chloride	ND	4.2	ug/Kg	1	09/12/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	94		%	1	09/12/24	JLI	70 - 130 %
% Bromofluorobenzene	99		%	1	09/12/24	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	09/12/24	JLI	70 - 130 %
% Toluene-d8	96		%	1	09/12/24	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2-Dichlorobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
1,3-Dichlorobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
1,4-Dichlorobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2,4-Dinitrotoluene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2,6-Dinitrotoluene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2-Chloronaphthalene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2-Methylnaphthalene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2-Nitroaniline	ND	1000	ug/Kg	1	09/12/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	1400	ug/Kg	1	09/12/24	MR	SW8270E
3-Nitroaniline	ND	1000	ug/Kg	1	09/12/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
4-Chloroaniline	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
4-Nitroaniline	ND	1000	ug/Kg	1	09/12/24	MR	SW8270E
Acenaphthene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Acenaphthylene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Anthracene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benz(a)anthracene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzidine	ND	360	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(a)pyrene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(b)fluoranthene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(ghi)perylene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(k)fluoranthene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzoic acid	ND	720	ug/Kg	1	09/12/24	MR	SW8270E
Benzyl alcohol	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzyl butyl phthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Chrysene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Dibenzofuran	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Diethyl phthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Dimethylphthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Di-n-butylphthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Di-n-octylphthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Fluoranthene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Fluorene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorobutadiene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hexachloroethane	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Isophorone	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Naphthalene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Nitrobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodimethylamine	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Phenanthrene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Pyrene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	60		%	1	09/12/24	MR	30 - 130 %
% Nitrobenzene-d5	61		%	1	09/12/24	MR	30 - 130 %
% Terphenyl-d14	63		%	1	09/12/24	MR	30 - 130 %

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**

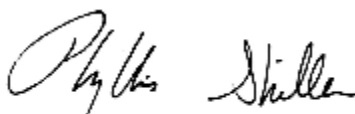
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

September 13, 2024

Official Report Release To Follow



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

09/10/24
09/11/24

Time

10:05
18:19

Laboratory Data

SDG ID: GCR60838
Phoenix ID: CR60839

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: SP-2 (7.5-10FT)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98		%		09/11/24	CV	SW846-%Solid
Field Extraction	Completed				09/10/24		SW5035A
Soil Extraction for SVOA	Completed				09/11/24	C/X	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloroethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloroethene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloropropene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dibromoethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichloroethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichloropropane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,3-Dichloropropane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
2,2-Dichloropropane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
2-Chlorotoluene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	30	ug/Kg	1	09/12/24	JLI	SW8260D
2-Isopropyltoluene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
4-Chlorotoluene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	30	ug/Kg	1	09/12/24	JLI	SW8260D
Acetone	ND	30	ug/Kg	1	09/12/24	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Benzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Bromobenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Bromochloromethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Bromodichloromethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Bromoform	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Bromomethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Carbon Disulfide	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Carbon tetrachloride	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Chlorobenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Chloroethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Chloroform	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Chloromethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Dibromochloromethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Dibromomethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Dichlorodifluoromethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Ethylbenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Hexachlorobutadiene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Isopropylbenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
m&p-Xylene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	30	ug/Kg	1	09/12/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Naphthalene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
n-Butylbenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
n-Propylbenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
o-Xylene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
p-Isopropyltoluene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
sec-Butylbenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Styrene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
tert-Butylbenzene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Tetrachloroethene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Toluene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Total Xylenes	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Trichloroethene	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Trichlorofluoromethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D
Vinyl chloride	ND	6.1	ug/Kg	1	09/12/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96		%	1	09/12/24	JLI	70 - 130 %
% Bromofluorobenzene	99		%	1	09/12/24	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	09/12/24	JLI	70 - 130 %
% Toluene-d8	97		%	1	09/12/24	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2-Dichlorobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
1,3-Dichlorobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
1,4-Dichlorobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2,4-Dinitrotoluene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2,6-Dinitrotoluene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2-Chloronaphthalene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2-Methylnaphthalene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2-Nitroaniline	ND	980	ug/Kg	1	09/12/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	1300	ug/Kg	1	09/12/24	MR	SW8270E
3-Nitroaniline	ND	980	ug/Kg	1	09/12/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
4-Chloroaniline	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
4-Nitroaniline	ND	980	ug/Kg	1	09/12/24	MR	SW8270E
Acenaphthene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Acenaphthylene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Anthracene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benz(a)anthracene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzidine	ND	340	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(a)pyrene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(b)fluoranthene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(ghi)perylene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(k)fluoranthene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzoic acid	ND	670	ug/Kg	1	09/12/24	MR	SW8270E
Benzyl alcohol	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzyl butyl phthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Chrysene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Dibenzofuran	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Diethyl phthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Dimethylphthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Di-n-butylphthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Di-n-octylphthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Fluoranthene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Fluorene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hexachloroethane	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Isophorone	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Naphthalene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodimethylamine	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Phenanthrene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Pyrene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	58		%	1	09/12/24	MR	30 - 130 %
% Nitrobenzene-d5	59		%	1	09/12/24	MR	30 - 130 %
% Terphenyl-d14	65		%	1	09/12/24	MR	30 - 130 %

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**

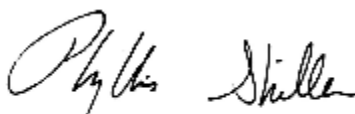
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

September 13, 2024

Official Report Release To Follow



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

09/10/24
09/11/24

Time

10:45
18:19

Laboratory Data

SDG ID: GCR60838
Phoenix ID: CR60840

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: SP-3 (7.5-10FT)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		09/11/24	CV	SW846-%Solid
Field Extraction	Completed				09/10/24		SW5035A
Soil Extraction for SVOA	Completed				09/11/24	C/X	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
2-Chlorotoluene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	29	ug/Kg	1	09/12/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
4-Chlorotoluene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	ug/Kg	1	09/12/24	JLI	SW8260D
Acetone	ND	29	ug/Kg	1	09/12/24	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Benzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Bromobenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Bromochloromethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Bromodichloromethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Bromoform	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Bromomethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Carbon Disulfide	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Carbon tetrachloride	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Chlorobenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Chloroethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Chloroform	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Chloromethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Dibromochloromethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Dibromomethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Ethylbenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Isopropylbenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
m&p-Xylene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	09/12/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Naphthalene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
n-Butylbenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
n-Propylbenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
o-Xylene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
sec-Butylbenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Styrene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
tert-Butylbenzene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Tetrachloroethene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Toluene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Total Xylenes	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	09/12/24	JLI	SW8260D
Trichloroethene	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D
Vinyl chloride	ND	5.9	ug/Kg	1	09/12/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96		%	1	09/12/24	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	09/12/24	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	09/12/24	JLI	70 - 130 %
% Toluene-d8	98		%	1	09/12/24	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2-Dichlorobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
1,3-Dichlorobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
1,4-Dichlorobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2,4-Dinitrotoluene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2,6-Dinitrotoluene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2-Chloronaphthalene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2-Methylnaphthalene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
2-Nitroaniline	ND	1000	ug/Kg	1	09/12/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	1400	ug/Kg	1	09/12/24	MR	SW8270E
3-Nitroaniline	ND	1000	ug/Kg	1	09/12/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
4-Chloroaniline	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
4-Nitroaniline	ND	1000	ug/Kg	1	09/12/24	MR	SW8270E
Acenaphthene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Acenaphthylene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Anthracene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benz(a)anthracene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzidine	ND	350	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(a)pyrene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(b)fluoranthene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(ghi)perylene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(k)fluoranthene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzoic acid	ND	700	ug/Kg	1	09/12/24	MR	SW8270E
Benzyl alcohol	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Benzyl butyl phthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Chrysene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Dibenzofuran	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Diethyl phthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Dimethylphthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Di-n-butylphthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Di-n-octylphthalate	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Fluoranthene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Fluorene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Hexachloroethane	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Isophorone	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Naphthalene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodimethylamine	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Phenanthrene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
Pyrene	ND	240	ug/Kg	1	09/12/24	MR	SW8270E
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	45		%	1	09/12/24	MR	30 - 130 %
% Nitrobenzene-d5	44		%	1	09/12/24	MR	30 - 130 %
% Terphenyl-d14	48		%	1	09/12/24	MR	30 - 130 %

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**

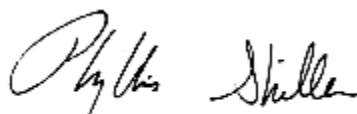
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

September 13, 2024

Official Report Release To Follow



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

09/10/24
09/11/24

Time

11:30
18:19

Laboratory Data

SDG ID: GCR60838
Phoenix ID: CR60841

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: SP-4 (2.5-5FT)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		09/11/24	CV	SW846-%Solid
Field Extraction	Completed				09/10/24		SW5035A
Soil Extraction for SVOA	Completed				09/11/24	C/X	SW3546

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
2-Chlorotoluene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Hexanone	ND	24	ug/Kg	1	09/12/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
4-Chlorotoluene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	09/12/24	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	09/12/24	JLI	SW8260D
Acrylonitrile	ND	9.7	ug/Kg	1	09/12/24	JLI	SW8260D
Benzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Bromobenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Bromochloromethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Bromodichloromethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Bromoform	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Bromomethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Carbon Disulfide	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Carbon tetrachloride	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Chlorobenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Chloroethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Chloroform	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Chloromethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Dibromochloromethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Dibromomethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Ethylbenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Isopropylbenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
m&p-Xylene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	09/12/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.7	ug/Kg	1	09/12/24	JLI	SW8260D
Methylene chloride	ND	9.7	ug/Kg	1	09/12/24	JLI	SW8260D
Naphthalene	810	660	ug/Kg	50	09/12/24	JLI	SW8260D
n-Butylbenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
n-Propylbenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
o-Xylene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
sec-Butylbenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Styrene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
tert-Butylbenzene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Tetrachloroethene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.7	ug/Kg	1	09/12/24	JLI	SW8260D
Toluene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Total Xylenes	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.7	ug/Kg	1	09/12/24	JLI	SW8260D
Trichloroethene	1100	660	ug/Kg	50	09/12/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D
Vinyl chloride	ND	4.8	ug/Kg	1	09/12/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	09/12/24	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	09/12/24	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	09/12/24	JLI	70 - 130 %
% Toluene-d8	99		%	1	09/12/24	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	09/12/24	JLI	70 - 130 %
% Bromofluorobenzene (50x)	102		%	50	09/12/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	95		%	50	09/12/24	JLI	70 - 130 %
% Toluene-d8 (50x)	101		%	50	09/12/24	JLI	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
1,2-Diphenylhydrazine	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
1,3-Dichlorobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
1,4-Dichlorobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2,4-Dinitrotoluene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2,6-Dinitrotoluene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2-Chloronaphthalene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2-Methylnaphthalene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
2-Nitroaniline	ND	1100	ug/Kg	1	09/12/24	MR	SW8270E
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	1	09/12/24	MR	SW8270E
3-Nitroaniline	ND	1100	ug/Kg	1	09/12/24	MR	SW8270E
4-Bromophenyl phenyl ether	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
4-Chloroaniline	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
4-Nitroaniline	ND	1100	ug/Kg	1	09/12/24	MR	SW8270E
Acenaphthene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Acenaphthylene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Anthracene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benz(a)anthracene	510	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzidine	ND	360	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(a)pyrene	500	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(b)fluoranthene	640	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(ghi)perylene	330	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzo(k)fluoranthene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzoic acid	ND	730	ug/Kg	1	09/12/24	MR	SW8270E
Benzyl alcohol	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Benzyl butyl phthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-chloroethyl)ether	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Chrysene	520	250	ug/Kg	1	09/12/24	MR	SW8270E
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Dibenzofuran	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Diethyl phthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Dimethylphthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Di-n-butylphthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Di-n-octylphthalate	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Fluoranthene	1100	250	ug/Kg	1	09/12/24	MR	SW8270E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorobutadiene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Hexachloroethane	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Indeno(1,2,3-cd)pyrene	300	250	ug/Kg	1	09/12/24	MR	SW8270E
Isophorone	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Naphthalene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Nitrobenzene	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodimethylamine	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
N-Nitrosodiphenylamine	ND	250	ug/Kg	1	09/12/24	MR	SW8270E
Phenanthrene	740	250	ug/Kg	1	09/12/24	MR	SW8270E
Pyrene	880	250	ug/Kg	1	09/12/24	MR	SW8270E
QA/QC Surrogates							
% 2-Fluorobiphenyl	66		%	1	09/12/24	MR	30 - 130 %
% Nitrobenzene-d5	65		%	1	09/12/24	MR	30 - 130 %
% Terphenyl-d14	60		%	1	09/12/24	MR	30 - 130 %

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**

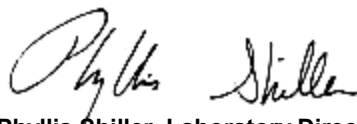
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

September 13, 2024

Official Report Release To Follow

Sample Criteria Exceedances Report
GCR60838 - TOUCHSTONE

Criteria: None

State: NY

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.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Customer: Touchstone Environmental
Address: _____
Project: 92-94 North 9th St. Brooklyn, NY
Report to: _____
Invoice to: _____
QUOTE #: _____

This section *MUST* be completed with Bottle Quantities.

Contact Options:

☐ Phone: ☐ Fax: ☐ Email:

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐
Temp $^{\circ}\text{C}$ 8 Pg of

[illegible]



Tuesday, November 05, 2024

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

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
SDG ID: GCR94201
Sample ID#s: CR94201 - CR94212

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.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

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



Sample Id Cross Reference

November 05, 2024

SDG I.D.: GCR94201

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY

Client Id	Lab Id	Matrix
SP-5 (2.5-5FT.)	CR94201	SOIL
SP-5 (28-30FT.)	CR94202	SOIL
SP-5 (32-37FT.)	CR94203	SOIL
SP-6 (2.5-5FT.)	CR94204	SOIL
SP-6 (25-27FT.)	CR94205	SOIL
SP-6 (30-35FT.)	CR94206	SOIL
SP-7 (10-12FT.)	CR94207	SOIL
SP-7 (20-22FT.)	CR94208	SOIL
SP-7 (29-31FT.)	CR94209	SOIL
SP-8 (2.5-5FT.)	CR94210	SOIL
SP-8 (27-29FT.)	CR94211	SOIL
SP-8 (30-32FT.)	CR94212	SOIL



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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
10/24/24	8:30
10/25/24	17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94201

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-5 (2.5-5FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
2-Hexanone	ND	26	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	26	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Bromochloromethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
m&p-Xylene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
o-Xylene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Styrene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Trichloroethene	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	5.2	ug/Kg	1	10/30/24	JLI	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	91		%	1	10/30/24	JLI	70 - 130 %

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

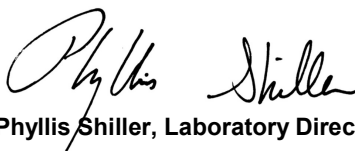
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
10/24/24	8:50
10/25/24	17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94202

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-5 (28-30FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
2-Hexanone	ND	27	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromochloromethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
m&p-Xylene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
o-Xylene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Styrene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Trichloroethene	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	5.4	ug/Kg	1	10/30/24	JLI	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	96		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	92		%	1	10/30/24	JLI	70 - 130 %

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.

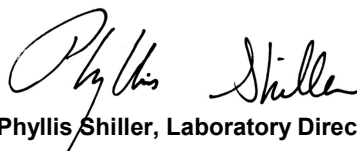
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
10/24/24	8:50
10/25/24	17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94203

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-5 (32-37FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
2-Hexanone	ND	22	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	22	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	22	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	8.7	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromochloromethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
m&p-Xylene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	22	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	8.7	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	8.7	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
o-Xylene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Styrene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	8.7	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	8.7	ug/Kg	1	10/30/24	JLI	SW8260D
Trichloroethene	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	4.4	ug/Kg	1	10/30/24	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	93		%	1	10/30/24	JLI	70 - 130 %

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

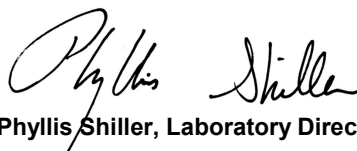
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

10/24/24
10/25/24

Time

9:15
17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94204

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-6 (2.5-5FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
2-Hexanone	ND	26	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	26	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromochloromethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
m&p-Xylene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
o-Xylene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Styrene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/30/24	JLI	SW8260D
Trichloroethene	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	5.3	ug/Kg	1	10/30/24	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	112		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	79		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	97		%	1	10/30/24	JLI	70 - 130 %

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

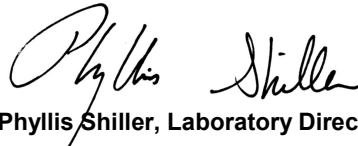
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time
10/24/24 9:45
10/25/24 17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94205

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-6 (25-27FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
2-Chlorotoluene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
2-Hexanone	ND	21	ug/Kg	1	10/31/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	21	ug/Kg	1	10/31/24	JLI	SW8260D
Acetone	ND	21	ug/Kg	1	10/31/24	JLI	SW8260D
Acrylonitrile	ND	8.3	ug/Kg	1	10/31/24	JLI	SW8260D
Benzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Bromobenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Bromochloromethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Bromodichloromethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Bromoform	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Bromomethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Carbon Disulfide	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Carbon tetrachloride	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Chlorobenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Chloroethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Chloroform	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Chloromethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Dibromochloromethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Dibromomethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Ethylbenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Isopropylbenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
m&p-Xylene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	21	ug/Kg	1	10/31/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	8.3	ug/Kg	1	10/31/24	JLI	SW8260D
Methylene chloride	ND	8.3	ug/Kg	1	10/31/24	JLI	SW8260D
Naphthalene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
n-Butylbenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
n-Propylbenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
o-Xylene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
sec-Butylbenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Styrene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
tert-Butylbenzene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Tetrachloroethene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	8.3	ug/Kg	1	10/31/24	JLI	SW8260D
Toluene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Total Xylenes	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	8.3	ug/Kg	1	10/31/24	JLI	SW8260D
Trichloroethene	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
Vinyl chloride	ND	4.2	ug/Kg	1	10/31/24	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	10/31/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95		%	1	10/31/24	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	10/31/24	JLI	70 - 130 %
% Toluene-d8	103		%	1	10/31/24	JLI	70 - 130 %

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

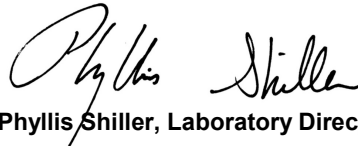
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time
10/24/24 9:45
10/25/24 17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94206

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-6 (30-35FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
2-Hexanone	ND	19	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	19	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	19	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	7.7	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Bromochloromethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
m&p-Xylene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	19	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	7.7	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	7.7	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
o-Xylene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Styrene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	7.7	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	7.7	ug/Kg	1	10/30/24	JLI	SW8260D
Trichloroethene	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	3.9	ug/Kg	1	10/30/24	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	88		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	99		%	1	10/30/24	JLI	70 - 130 %

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

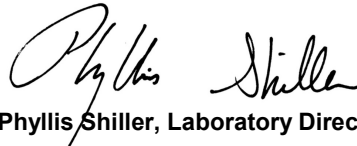
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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.
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Phyllis Shiller, Laboratory Director

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
10/24/24	11:00
10/25/24	17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94207

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-7 (10-12FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
2-Hexanone	ND	29	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	29	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
Bromochloromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
m&p-Xylene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
o-Xylene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
Styrene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	490	ug/Kg	50	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	990	ug/Kg	50	10/30/24	JLI	SW8260D
Trichloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	113		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	76		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	105		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	95		%	1	10/30/24	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	96		%	50	10/30/24	JLI	70 - 130 %
% Bromofluorobenzene (50x)	100		%	50	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	96		%	50	10/30/24	JLI	70 - 130 %
% Toluene-d8 (50x)	93		%	50	10/30/24	JLI	70 - 130 %

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

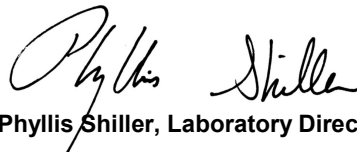
Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:

There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
10/24/24	11:30
10/25/24	17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94208

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-7 (20-22FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
2-Hexanone	ND	21	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	21	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	21	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	8.5	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromochloromethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
m&p-Xylene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	21	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	8.5	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	8.5	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
o-Xylene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Styrene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	8.5	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	8.5	ug/Kg	1	10/30/24	JLI	SW8260D
Trichloroethene	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	4.3	ug/Kg	1	10/30/24	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	90		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	100		%	1	10/30/24	JLI	70 - 130 %

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

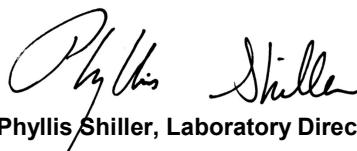
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
10/24/24	11:45
10/25/24	17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94209

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-7 (29-31FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
2-Hexanone	ND	14	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	14	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	14	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	5.5	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromochloromethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
m&p-Xylene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	14	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	5.5	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	5.5	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
o-Xylene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Styrene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	5.5	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	5.5	ug/Kg	1	10/30/24	JLI	SW8260D
Trichloroethene	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	2.8	ug/Kg	1	10/30/24	JLI	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	105		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	89		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	97		%	1	10/30/24	JLI	70 - 130 %

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

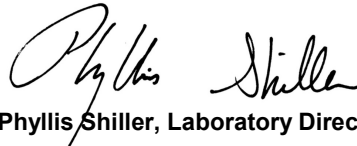
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
10/24/24	15:15
10/25/24	17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94210

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-8 (2.5-5FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
2-Hexanone	ND	29	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	29	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	29	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
Bromochloromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
m&p-Xylene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
o-Xylene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
Styrene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	540	ug/Kg	50	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	1100	ug/Kg	50	10/30/24	JLI	SW8260D
Trichloroethene	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	5.8	ug/Kg	1	10/30/24	JLI	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	116		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	74		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	109		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	98		%	1	10/30/24	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	96		%	50	10/30/24	JLI	70 - 130 %
% Bromofluorobenzene (50x)	102		%	50	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane (50x)	93		%	50	10/30/24	JLI	70 - 130 %
% Toluene-d8 (50x)	93		%	50	10/30/24	JLI	70 - 130 %

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

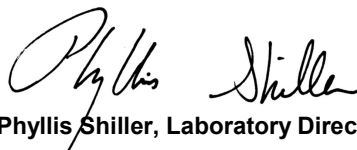
Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:

There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
10/24/24	15:15
10/25/24	17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94211

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-8 (27-29FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloroethene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,1-Dichloropropene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dibromoethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloroethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,2-Dichloropropane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,3-Dichloropropane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
2,2-Dichloropropane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
2-Chlorotoluene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
2-Hexanone	ND	25	ug/Kg	1	10/30/24	JLI	SW8260D
2-Isopropyltoluene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	10/30/24	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	10/30/24	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Benzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Bromobenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Bromochloromethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Bromodichloromethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Bromoform	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Bromomethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon Disulfide	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Carbon tetrachloride	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Chlorobenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Chloroform	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Chloromethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromochloromethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Dibromomethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Ethylbenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Isopropylbenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
m&p-Xylene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	10/30/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Naphthalene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
n-Butylbenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
n-Propylbenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
o-Xylene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
sec-Butylbenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Styrene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
tert-Butylbenzene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrachloroethene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Toluene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Total Xylenes	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	10/30/24	JLI	SW8260D
Trichloroethene	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
Vinyl chloride	ND	5.0	ug/Kg	1	10/30/24	JLI	SW8260D
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	1	10/30/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	88		%	1	10/30/24	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	10/30/24	JLI	70 - 130 %
% Toluene-d8	99		%	1	10/30/24	JLI	70 - 130 %

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

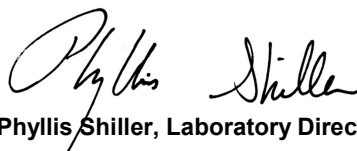
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



Analysis Report

November 05, 2024

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

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date Time
10/24/24 15:15
10/25/24 17:50

Laboratory Data

SDG ID: GCR94201
Phoenix ID: CR94212

Project ID: 92-94 N. 9TH ST. BROOKLYN, NY
Client ID: SP-8 (30-32FT.)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				10/24/24		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,1-Dichloroethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,1-Dichloroethene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,1-Dichloropropene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dibromoethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dichloroethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,2-Dichloropropane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,3-Dichloropropane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
2,2-Dichloropropane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
2-Chlorotoluene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
2-Hexanone	ND	23	ug/Kg	1	10/31/24	JLI	SW8260D
2-Isopropyltoluene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
4-Methyl-2-pentanone	ND	23	ug/Kg	1	10/31/24	JLI	SW8260D
Acetone	ND	23	ug/Kg	1	10/31/24	JLI	SW8260D
Acrylonitrile	ND	9.1	ug/Kg	1	10/31/24	JLI	SW8260D
Benzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Bromobenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Bromochloromethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Bromodichloromethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Bromoform	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Bromomethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Carbon Disulfide	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Carbon tetrachloride	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Chlorobenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Chloroethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Chloroform	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Chloromethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Dibromochloromethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Dibromomethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Ethylbenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Hexachlorobutadiene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Isopropylbenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
m&p-Xylene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Methyl Ethyl Ketone	ND	23	ug/Kg	1	10/31/24	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.1	ug/Kg	1	10/31/24	JLI	SW8260D
Methylene chloride	ND	9.1	ug/Kg	1	10/31/24	JLI	SW8260D
Naphthalene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
n-Butylbenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
n-Propylbenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
o-Xylene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
p-Isopropyltoluene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
sec-Butylbenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Styrene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
tert-Butylbenzene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Tetrachloroethene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.1	ug/Kg	1	10/31/24	JLI	SW8260D
Toluene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Total Xylenes	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	10/31/24	JLI	SW8260D
Trichloroethene	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Trichlorofluoromethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
Vinyl chloride	ND	4.6	ug/Kg	1	10/31/24	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	10/31/24	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95		%	1	10/31/24	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	10/31/24	JLI	70 - 130 %
% Toluene-d8	103		%	1	10/31/24	JLI	70 - 130 %

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

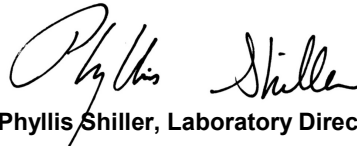
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

November 05, 2024

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



QA/QC Report

November 05, 2024

QA/QC Data

SDG I.D.: GCR94201

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 756233 (ug/kg), QC Sample No: CR94187 (CR94201, CR94202, CR94203)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	96	97	1.0	93	80	15.0	70 - 130	20
1,1,1-Trichloroethane	ND	5.0	106	107	0.9	105	85	21.1	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	3.0	101	102	1.0	100	112	11.3	70 - 130	20
1,1,2-Trichloroethane	ND	5.0	101	103	2.0	98	99	1.0	70 - 130	20
1,1-Dichloroethane	ND	5.0	109	110	0.9	110	90	20.0	70 - 130	20
1,1-Dichloroethene	ND	5.0	115	117	1.7	112	93	18.5	70 - 130	20
1,1-Dichloropropene	ND	5.0	105	105	0.0	101	79	24.4	70 - 130	20
1,2,3-Trichlorobenzene	ND	5.0	101	100	1.0	78	77	1.3	70 - 130	20
1,2,3-Trichloropropane	ND	5.0	95	98	3.1	91	121	28.3	70 - 130	20
1,2,4-Trichlorobenzene	ND	5.0	98	97	1.0	77	77	0.0	70 - 130	20
1,2,4-Trimethylbenzene	ND	1.0	102	101	1.0	93	79	16.3	70 - 130	20
1,2-Dibromo-3-chloropropane	ND	5.0	100	103	3.0	93	108	14.9	70 - 130	20
1,2-Dibromoethane	ND	5.0	100	102	2.0	98	101	3.0	70 - 130	20
1,2-Dichlorobenzene	ND	5.0	104	103	1.0	95	89	6.5	70 - 130	20
1,2-Dichloroethane	ND	5.0	102	103	1.0	98	96	2.1	70 - 130	20
1,2-Dichloropropane	ND	5.0	103	103	0.0	101	87	14.9	70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	100	100	0.0	93	78	17.5	70 - 130	20
1,3-Dichlorobenzene	ND	5.0	101	100	1.0	91	81	11.6	70 - 130	20
1,3-Dichloropropane	ND	5.0	101	101	0.0	101	98	3.0	70 - 130	20
1,4-Dichlorobenzene	ND	5.0	104	103	1.0	92	86	6.7	70 - 130	20
2,2-Dichloropropane	ND	5.0	105	105	0.0	100	80	22.2	70 - 130	20
2-Chlorotoluene	ND	5.0	105	104	1.0	99	81	20.0	70 - 130	20
2-Hexanone	ND	25	93	98	5.2	87	111	24.2	70 - 130	20
2-Isopropyltoluene	ND	5.0	106	105	0.9	96	81	16.9	70 - 130	20
4-Chlorotoluene	ND	5.0	104	104	0.0	98	81	19.0	70 - 130	20
4-Methyl-2-pentanone	ND	25	99	103	4.0	93	114	20.3	70 - 130	20
Acetone	ND	10	99	101	2.0	82	190	79.4	70 - 130	20
Acrylonitrile	ND	5.0	102	106	3.8	98	135	31.8	70 - 130	20
Benzene	ND	1.0	106	106	0.0	105	86	19.9	70 - 130	20
Bromobenzene	ND	5.0	104	103	1.0	99	89	10.6	70 - 130	20
Bromochloromethane	ND	5.0	106	105	0.9	103	103	0.0	70 - 130	20
Bromodichloromethane	ND	5.0	102	100	2.0	96	87	9.8	70 - 130	20
Bromoform	ND	5.0	89	91	2.2	83	85	2.4	70 - 130	20
Bromomethane	ND	5.0	118	118	0.0	119	98	19.4	70 - 130	20
Carbon Disulfide	ND	5.0	116	115	0.9	108	89	19.3	70 - 130	20
Carbon tetrachloride	ND	5.0	104	105	1.0	102	78	26.7	70 - 130	20
Chlorobenzene	ND	5.0	102	103	1.0	101	89	12.6	70 - 130	20
Chloroethane	ND	5.0	124	122	1.6	127	106	18.0	70 - 130	20
Chloroform	ND	5.0	106	106	0.0	106	93	13.1	70 - 130	20
Chloromethane	ND	5.0	125	124	0.8	119	96	21.4	70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	111	111	0.0	112	94	17.5	70 - 130	20

QA/QC Data

SDG I.D.: GCR94201

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	5.0	105	105	0.0	101	88	13.8	70 - 130	20
Dibromochloromethane	ND	3.0	99	101	2.0	96	86	11.0	70 - 130	20
Dibromomethane	ND	5.0	104	105	1.0	100	99	1.0	70 - 130	20
Dichlorodifluoromethane	ND	5.0	130	131	0.8	113	82	31.8	70 - 130	20
Ethylbenzene	ND	1.0	102	101	1.0	99	83	17.6	70 - 130	20
Hexachlorobutadiene	ND	5.0	100	99	1.0	68	67	1.5	70 - 130	20
Isopropylbenzene	ND	1.0	107	106	0.9	102	82	21.7	70 - 130	20
m&p-Xylene	ND	2.0	100	101	1.0	94	81	14.9	70 - 130	20
Methyl ethyl ketone	ND	5.0	96	102	6.1	93	126	30.1	70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	98	96	2.1	111	119	7.0	70 - 130	20
Methylene chloride	ND	5.0	114	113	0.9	113	102	10.2	70 - 130	20
Naphthalene	ND	5.0	103	104	1.0	88	95	7.7	70 - 130	20
n-Butylbenzene	ND	1.0	105	104	1.0	87	75	14.8	70 - 130	20
n-Propylbenzene	ND	1.0	104	103	1.0	96	79	19.4	70 - 130	20
o-Xylene	ND	2.0	102	101	1.0	99	82	18.8	70 - 130	20
p-Isopropyltoluene	ND	1.0	103	102	1.0	90	76	16.9	70 - 130	20
sec-Butylbenzene	ND	1.0	103	102	1.0	92	76	19.0	70 - 130	20
Styrene	ND	5.0	96	97	1.0	92	77	17.8	70 - 130	20
tert-Butylbenzene	ND	1.0	105	104	1.0	98	80	20.2	70 - 130	20
Tetrachloroethene	ND	5.0	100	99	1.0	92	76	19.0	70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	104	109	4.7	100	144	36.1	70 - 130	20
Toluene	ND	1.0	105	104	1.0	103	85	19.1	70 - 130	20
trans-1,2-Dichloroethene	ND	5.0	113	112	0.9	136	95	35.5	70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	100	101	1.0	96	92	4.3	70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	101	102	1.0	91	101	10.4	70 - 130	20
Trichloroethene	ND	5.0	108	108	0.0	101	81	22.0	70 - 130	20
Trichlorofluoromethane	ND	5.0	109	108	0.9	106	86	20.8	70 - 130	20
Trichlorotrifluoroethane	ND	5.0	109	111	1.8	102	83	20.5	70 - 130	20
Vinyl chloride	ND	5.0	122	120	1.7	119	91	26.7	70 - 130	20
% 1,2-dichlorobenzene-d4	96	%	102	101	1.0	100	102	2.0	70 - 130	20
% Bromofluorobenzene	98	%	99	100	1.0	99	98	1.0	70 - 130	20
% Dibromofluoromethane	103	%	100	100	0.0	97	102	5.0	70 - 130	20
% Toluene-d8	91	%	101	101	0.0	101	100	1.0	70 - 130	20

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 756191 (ug/kg), QC Sample No: CR95406 (CR94204, CR94206, CR94207, CR94208, CR94209, CR94210, CR94211)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	98	97	1.0	97	101	4.0	70 - 130	20
1,1,1-Trichloroethane	ND	5.0	90	88	2.2	93	99	6.3	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	3.0	96	91	5.3	81	85	4.8	70 - 130	20
1,1,2-Trichloroethane	ND	5.0	100	98	2.0	96	99	3.1	70 - 130	20
1,1-Dichloroethane	ND	5.0	89	85	4.6	91	95	4.3	70 - 130	20
1,1-Dichloroethene	ND	5.0	91	89	2.2	93	99	6.3	70 - 130	20
1,1-Dichloropropene	ND	5.0	103	101	2.0	100	106	5.8	70 - 130	20
1,2,3-Trichlorobenzene	ND	5.0	114	111	2.7	77	84	8.7	70 - 130	20
1,2,3-Trichloropropane	ND	5.0	98	92	6.3	103	109	5.7	70 - 130	20
1,2,4-Trichlorobenzene	ND	5.0	123	119	3.3	79	87	9.6	70 - 130	20
1,2,4-Trimethylbenzene	ND	1.0	115	112	2.6	111	119	7.0	70 - 130	20
1,2-Dibromo-3-chloropropane	ND	5.0	109	103	5.7	117	119	1.7	70 - 130	20
1,2-Dibromoethane	ND	5.0	103	101	2.0	102	105	2.9	70 - 130	20
1,2-Dichlorobenzene	ND	5.0	103	100	3.0	92	98	6.3	70 - 130	20
1,2-Dichloroethane	ND	5.0	90	88	2.2	90	91	1.1	70 - 130	20

QA/QC Data

SDG I.D.: GCR94201

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichloropropane	ND	5.0	96	94	2.1	95	98	3.1	70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	114	111	2.7	111	119	7.0	70 - 130	20
1,3-Dichlorobenzene	ND	5.0	104	102	1.9	92	101	9.3	70 - 130	20
1,3-Dichloropropane	ND	5.0	99	97	2.0	98	101	3.0	70 - 130	20
1,4-Dichlorobenzene	ND	5.0	102	100	2.0	90	97	7.5	70 - 130	20
2,2-Dichloropropane	ND	5.0	96	90	6.5	90	95	5.4	70 - 130	20
2-Chlorotoluene	ND	5.0	114	110	3.6	111	118	6.1	70 - 130	20
2-Hexanone	ND	25	104	100	3.9	116	112	3.5	70 - 130	20
2-Isopropyltoluene	ND	5.0	113	111	1.8	108	115	6.3	70 - 130	20
4-Chlorotoluene	ND	5.0	110	106	3.7	104	110	5.6	70 - 130	20
4-Methyl-2-pentanone	ND	25	102	98	4.0	105	107	1.9	70 - 130	20
Acetone	ND	10	82	72	13.0	82	89	8.2	70 - 130	20
Acrylonitrile	ND	5.0	88	82	7.1	91	96	5.3	70 - 130	20
Benzene	ND	1.0	99	97	2.0	100	103	3.0	70 - 130	20
Bromobenzene	ND	5.0	106	104	1.9	103	108	4.7	70 - 130	20
Bromochloromethane	ND	5.0	94	91	3.2	92	97	5.3	70 - 130	20
Bromodichloromethane	ND	5.0	96	95	1.0	95	96	1.0	70 - 130	20
Bromoform	ND	5.0	105	102	2.9	99	103	4.0	70 - 130	20
Bromomethane	ND	5.0	94	89	5.5	96	101	5.1	70 - 130	20
Carbon Disulfide	ND	5.0	93	90	3.3	88	94	6.6	70 - 130	20
Carbon tetrachloride	ND	5.0	91	88	3.4	89	96	7.6	70 - 130	20
Chlorobenzene	ND	5.0	99	98	1.0	95	99	4.1	70 - 130	20
Chloroethane	ND	5.0	94	91	3.2	97	105	7.9	70 - 130	20
Chloroform	ND	5.0	89	86	3.4	91	92	1.1	70 - 130	20
Chloromethane	ND	5.0	98	94	4.2	100	106	5.8	70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	96	92	4.3	95	99	4.1	70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	107	104	2.8	101	103	2.0	70 - 130	20
Dibromochloromethane	ND	3.0	102	100	2.0	98	102	4.0	70 - 130	20
Dibromomethane	ND	5.0	97	95	2.1	93	96	3.2	70 - 130	20
Dichlorodifluoromethane	ND	5.0	108	105	2.8	102	111	8.5	70 - 130	20
Ethylbenzene	ND	1.0	107	105	1.9	104	108	3.8	70 - 130	20
Hexachlorobutadiene	ND	5.0	105	108	2.8	68	75	9.8	70 - 130	20 m
Isopropylbenzene	ND	1.0	121	119	1.7	122	129	5.6	70 - 130	20
m&p-Xylene	ND	2.0	108	107	0.9	104	110	5.6	70 - 130	20
Methyl ethyl ketone	ND	5.0	83	79	4.9	86	91	5.6	70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	90	88	2.2	90	95	5.4	70 - 130	20
Methylene chloride	ND	5.0	81	78	3.8	82	87	5.9	70 - 130	20
Naphthalene	ND	5.0	131	125	4.7	103	109	5.7	70 - 130	20 l
n-Butylbenzene	ND	1.0	113	113	0.0	92	103	11.3	70 - 130	20
n-Propylbenzene	ND	1.0	114	111	2.7	108	117	8.0	70 - 130	20
o-Xylene	ND	2.0	119	115	3.4	114	119	4.3	70 - 130	20
p-Isopropyltoluene	ND	1.0	119	118	0.8	108	118	8.8	70 - 130	20
sec-Butylbenzene	ND	1.0	113	111	1.8	105	115	9.1	70 - 130	20
Styrene	ND	5.0	116	115	0.9	108	112	3.6	70 - 130	20
tert-Butylbenzene	ND	1.0	117	114	2.6	114	122	6.8	70 - 130	20
Tetrachloroethene	ND	5.0	104	104	0.0	98	106	7.8	70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	90	84	6.9	96	102	6.1	70 - 130	20
Toluene	ND	1.0	101	98	3.0	100	102	2.0	70 - 130	20
trans-1,2-Dichloroethene	ND	5.0	91	89	2.2	90	96	6.5	70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	107	104	2.8	98	98	0.0	70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	112	105	6.5	108	111	2.7	70 - 130	20
Trichloroethene	ND	5.0	103	101	2.0	114	118	3.4	70 - 130	20
Trichlorofluoromethane	ND	5.0	89	87	2.3	90	97	7.5	70 - 130	20

QA/QC Data

SDG I.D.: GCR94201

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorotrifluoroethane	ND	5.0	95	94	1.1	89	101	12.6	70 - 130	20
Vinyl chloride	ND	5.0	96	92	4.3	98	104	5.9	70 - 130	20
% 1,2-dichlorobenzene-d4	103	%	100	99	1.0	100	101	1.0	70 - 130	20
% Bromofluorobenzene	92	%	96	97	1.0	93	93	0.0	70 - 130	20
% Dibromofluoromethane	103	%	94	94	0.0	92	97	5.3	70 - 130	20
% Toluene-d8	98	%	98	99	1.0	99	99	0.0	70 - 130	20

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 755962H (ug/kg), QC Sample No: CR95722 50X (CR94207 (50X) , CR94210 (50X))

Volatiles - Soil (High Level)

1,1,2,2-Tetrachloroethane	ND	250	98	103	5.0	100	104	3.9	70 - 130	20
1,2,3-Trichlorobenzene	ND	250	108	111	2.7	107	110	2.8	70 - 130	20
1,2,3-Trichloropropane	ND	250	92	99	7.3	94	101	7.2	70 - 130	20
1,2,4-Trichlorobenzene	ND	250	106	107	0.9	101	105	3.9	70 - 130	20
1,2,4-Trimethylbenzene	ND	250	103	106	2.9	105	110	4.7	70 - 130	20
1,2-Dibromo-3-chloropropane	ND	250	107	116	8.1	100	110	9.5	70 - 130	20
1,2-Dichlorobenzene	ND	250	103	105	1.9	104	108	3.8	70 - 130	20
1,3,5-Trimethylbenzene	ND	250	103	106	2.9	106	112	5.5	70 - 130	20
1,3-Dichlorobenzene	ND	250	102	105	2.9	103	107	3.8	70 - 130	20
1,4-Dichlorobenzene	ND	250	103	107	3.8	104	108	3.8	70 - 130	20
2-Chlorotoluene	ND	250	103	106	2.9	107	112	4.6	70 - 130	20
2-Isopropyltoluene	ND	250	105	110	4.7	110	116	5.3	70 - 130	20
4-Chlorotoluene	ND	250	102	106	3.8	103	110	6.6	70 - 130	20
Bromobenzene	ND	250	105	107	1.9	107	110	2.8	70 - 130	20
Hexachlorobutadiene	ND	250	113	118	4.3	118	125	5.8	70 - 130	20
Isopropylbenzene	ND	250	103	106	2.9	108	113	4.5	70 - 130	20
Naphthalene	ND	250	107	112	4.6	107	113	5.5	70 - 130	20
n-Butylbenzene	ND	250	110	114	3.6	113	120	6.0	70 - 130	20
n-Propylbenzene	ND	250	103	107	3.8	109	114	4.5	70 - 130	20
p-Isopropyltoluene	ND	250	106	110	3.7	110	116	5.3	70 - 130	20
sec-Butylbenzene	ND	250	102	107	4.8	109	114	4.5	70 - 130	20
tert-Butylbenzene	ND	250	102	107	4.8	109	114	4.5	70 - 130	20
trans-1,4-dichloro-2-butene	ND	250	110	117	6.2	101	108	6.7	70 - 130	20
% 1,2-dichlorobenzene-d4	95	%	102	102	0.0	101	102	1.0	70 - 130	20
% Bromofluorobenzene	102	%	99	100	1.0	99	99	0.0	70 - 130	20
% Dibromofluoromethane	94	%	103	100	3.0	97	100	3.0	70 - 130	20
% Toluene-d8	93	%	101	103	2.0	102	101	1.0	70 - 130	20

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 756425 (ug/kg), QC Sample No: CR96312 (CR94205, CR94212)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	105	110	4.7	107	110	2.8	70 - 130	20
1,1,1-Trichloroethane	ND	5.0	95	94	1.1	100	104	3.9	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	3.0	88	89	1.1	110	114	3.6	70 - 130	20
1,1,2-Trichloroethane	ND	5.0	96	98	2.1	101	100	1.0	70 - 130	20
1,1-Dichloroethane	ND	5.0	96	98	2.1	99	103	4.0	70 - 130	20
1,1-Dichloroethene	ND	5.0	90	92	2.2	95	97	2.1	70 - 130	20
1,1-Dichloropropene	ND	5.0	97	100	3.0	105	105	0.0	70 - 130	20
1,2,3-Trichlorobenzene	ND	5.0	104	108	3.8	66	66	0.0	70 - 130	20
1,2,3-Trichloropropane	ND	5.0	87	88	1.1	106	109	2.8	70 - 130	20
1,2,4-Trichlorobenzene	ND	5.0	107	111	3.7	72	72	0.0	70 - 130	20

QA/QC Data

SDG I.D.: GCR94201

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2,4-Trimethylbenzene	ND	1.0	97	101	4.0	101	104	2.9	70 - 130	20
1,2-Dibromo-3-chloropropane	ND	5.0	110	108	1.8	117	127	8.2	70 - 130	20
1,2-Dibromoethane	ND	5.0	102	104	1.9	109	111	1.8	70 - 130	20
1,2-Dichlorobenzene	ND	5.0	95	98	3.1	93	96	3.2	70 - 130	20
1,2-Dichloroethane	ND	5.0	97	98	1.0	104	105	1.0	70 - 130	20
1,2-Dichloropropane	ND	5.0	94	97	3.1	102	102	0.0	70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	98	101	3.0	105	107	1.9	70 - 130	20
1,3-Dichlorobenzene	ND	5.0	96	100	4.1	98	100	2.0	70 - 130	20
1,3-Dichloropropane	ND	5.0	96	99	3.1	105	108	2.8	70 - 130	20
1,4-Dichlorobenzene	ND	5.0	94	98	4.2	95	98	3.1	70 - 130	20
2,2-Dichloropropane	ND	5.0	97	99	2.0	139	139	0.0	70 - 130	20
2-Chlorotoluene	ND	5.0	95	99	4.1	107	110	2.8	70 - 130	20
2-Hexanone	ND	25	103	100	3.0	103	102	1.0	70 - 130	20
2-Isopropyltoluene	ND	5.0	99	103	4.0	98	100	2.0	70 - 130	20
4-Chlorotoluene	ND	5.0	95	98	3.1	107	109	1.9	70 - 130	20
4-Methyl-2-pentanone	ND	25	101	99	2.0	104	104	0.0	70 - 130	20
Acetone	ND	10	87	82	5.9	74	79	6.5	70 - 130	20
Acrylonitrile	ND	5.0	98	95	3.1	95	102	7.1	70 - 130	20
Benzene	ND	1.0	94	97	3.1	103	103	0.0	70 - 130	20
Bromobenzene	ND	5.0	98	101	3.0	113	115	1.8	70 - 130	20
Bromochloromethane	ND	5.0	95	97	2.1	110	102	7.5	70 - 130	20
Bromodichloromethane	ND	5.0	98	101	3.0	102	104	1.9	70 - 130	20
Bromoform	ND	5.0	116	118	1.7	109	115	5.4	70 - 130	20
Bromomethane	ND	5.0	72	78	8.0	81	80	1.2	70 - 130	20
Carbon Disulfide	ND	5.0	91	93	2.2	94	96	2.1	70 - 130	20
Carbon tetrachloride	ND	5.0	95	99	4.1	99	104	4.9	70 - 130	20
Chlorobenzene	ND	5.0	94	99	5.2	99	100	1.0	70 - 130	20
Chloroethane	ND	5.0	84	88	4.7	93	97	4.2	70 - 130	20
Chloroform	ND	5.0	90	91	1.1	94	98	4.2	70 - 130	20
Chloromethane	ND	5.0	95	97	2.1	117	117	0.0	70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	90	91	1.1	118	120	1.7	70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	105	107	1.9	105	106	0.9	70 - 130	20
Dibromochloromethane	ND	3.0	109	111	1.8	111	115	3.5	70 - 130	20
Dibromomethane	ND	5.0	95	98	3.1	99	101	2.0	70 - 130	20
Dichlorodifluoromethane	ND	5.0	87	84	3.5	119	120	0.8	70 - 130	20
Ethylbenzene	ND	1.0	94	99	5.2	100	101	1.0	70 - 130	20
Hexachlorobutadiene	ND	5.0	104	108	3.8	55	55	0.0	70 - 130	20
Isopropylbenzene	ND	1.0	98	101	3.0	113	116	2.6	70 - 130	20
m&p-Xylene	ND	2.0	96	100	4.1	99	99	0.0	70 - 130	20
Methyl ethyl ketone	ND	5.0	86	83	3.6	85	86	1.2	70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	97	96	1.0	96	99	3.1	70 - 130	20
Methylene chloride	ND	5.0	77	77	0.0	78	83	6.2	70 - 130	20
Naphthalene	ND	5.0	113	114	0.9	80	80	0.0	70 - 130	20
n-Butylbenzene	ND	1.0	97	101	4.0	84	85	1.2	70 - 130	20
n-Propylbenzene	ND	1.0	96	100	4.1	106	107	0.9	70 - 130	20
o-Xylene	ND	2.0	101	107	5.8	104	106	1.9	70 - 130	20
p-Isopropyltoluene	ND	1.0	101	105	3.9	97	99	2.0	70 - 130	20
sec-Butylbenzene	ND	1.0	97	100	3.0	93	96	3.2	70 - 130	20
Styrene	ND	5.0	101	106	4.8	101	102	1.0	70 - 130	20
tert-Butylbenzene	ND	1.0	99	103	4.0	103	106	2.9	70 - 130	20
Tetrachloroethene	ND	5.0	103	109	5.7	104	103	1.0	70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	91	87	4.5	93	98	5.2	70 - 130	20
Toluene	ND	1.0	92	96	4.3	96	97	1.0	70 - 130	20

QA/QC Data**SDG I.D.: GCR94201**

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,2-Dichloroethene	ND	5.0	95	96	1.0	94	98	4.2	70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	107	110	2.8	107	106	0.9	70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	87	87	0.0	96	101	5.1	70 - 130	20
Trichloroethene	ND	5.0	102	107	4.8	105	105	0.0	70 - 130	20
Trichlorofluoromethane	ND	5.0	87	87	0.0	92	97	5.3	70 - 130	20
Trichlorotrifluoroethane	ND	5.0	97	97	0.0	99	102	3.0	70 - 130	20
Vinyl chloride	ND	5.0	89	91	2.2	102	102	0.0	70 - 130	20
% 1,2-dichlorobenzene-d4	100	%	100	99	1.0	100	99	1.0	70 - 130	20
% Bromofluorobenzene	98	%	99	99	0.0	96	94	2.1	70 - 130	20
% Dibromofluoromethane	97	%	108	104	3.8	106	110	3.7	70 - 130	20
% Toluene-d8	101	%	97	98	1.0	96	96	0.0	70 - 130	20

Comment:**Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.**

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

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
November 05, 2024

Tuesday, November 05, 2024

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR94201 - TOUCHSTONE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** 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.
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Analysis Comments

November 05, 2024

SDG I.D.: GCR94201

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM03 10/31/24-1: CR94205, CR94212

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 27% (20%), Bromoform 25% (20%), Bromomethane 25% (20%), trans-1,3-Dichloropropene 21% (20%), trans-1,4-dichloro-2-butene 35% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.190 (0.2), Bromodichloromethane 0.292 (0.3), trans-1,3-Dichloropropene 0.281 (0.3)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Acetone 25%L (20%), Bromomethane 29%L (20%), Methylene chloride 21%L (20%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.178 (0.2), Bromodichloromethane 0.284 (0.3), trans-1,3-Dichloropropene 0.290 (0.3)

The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM14 10/30/24-1: CR94201, CR94202, CR94203

The following Continuing Calibration compounds did not meet % deviation criteria: Chloroethane 22%H (20%), trans-1,2-Dichloroethene 21%H (20%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM18 10/29/24-2: CR94207, CR94210

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 25% (20%), trans-1,4-dichloro-2-butene 28% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM26 10/30/24-1: CR94204, CR94206, CR94207, CR94208, CR94209, CR94210, CR94211

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 29% (20%), Naphthalene 30% (20%), p-Isopropyltoluene 23% (20%), Styrene 21% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 1,2,4-Trichlorobenzene 25%H (20%), Isopropylbenzene 27%H (20%), Naphthalene 34%H (20%), o-Xylene 21%H (20%), p-Isopropyltoluene 24%H (20%), tert-Butylbenzene 21%H (20%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

November 05, 2024

SDG I.D.: GCR94201

The samples in this delivery group were received at 2.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

NY/NJ/PA CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-1102

Temp 2.1 °C Cooler: Yes ☒ No ☐
 Coolant: IPK ☒ ICE ☐ No ☐

Contact Options:

Phone: _____
 Fax: _____
 Email: _____

Project P.O.:

Project:

Report to:

Invoice to:

QUOTE #:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification		Analysis Request	
Sampler's Signature	Date:	Analysis Request	
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil B=Bulk L=Liquid		(Key the bubble in analysis unit rate) GL Amber 8 oz. [Wt. 30g] [MAHSA 4] _____ GL Amber 100ml [Wt. 100g] [MAHSA 4] _____ GL Amber 250ml [Wt. 250g] [MAHSA 4] _____ GL Amber 500ml [Wt. 500g] [MAHSA 4] _____ GL Amber 1000ml [Wt. 1000g] [MAHSA 4] _____ GL Amber 2000ml [Wt. 2000g] [MAHSA 4] _____ GL Amber 4000ml [Wt. 4000g] [MAHSA 4] _____ GL Amber 8000ml [Wt. 8000g] [MAHSA 4] _____ GL Amber 16000ml [Wt. 16000g] [MAHSA 4] _____ GL Amber 32000ml [Wt. 32000g] [MAHSA 4] _____ GL Amber 64000ml [Wt. 64000g] [MAHSA 4] _____ GL Amber 128000ml [Wt. 128000g] [MAHSA 4] _____ GL Amber 256000ml [Wt. 256000g] [MAHSA 4] _____ GL Amber 512000ml [Wt. 512000g] [MAHSA 4] _____ GL Amber 1024000ml [Wt. 1024000g] [MAHSA 4] _____ GL Amber 2048000ml [Wt. 2048000g] [MAHSA 4] _____ GL Amber 4096000ml [Wt. 4096000g] [MAHSA 4] _____ GL Amber 8192000ml [Wt. 8192000g] [MAHSA 4] _____ GL Amber 16384000ml [Wt. 16384000g] [MAHSA 4] _____ GL Amber 32768000ml [Wt. 32768000g] [MAHSA 4] _____ GL Amber 65536000ml [Wt. 65536000g] [MAHSA 4] _____ GL Amber 131072000ml [Wt. 131072000g] [MAHSA 4] _____ GL Amber 262144000ml [Wt. 262144000g] [MAHSA 4] _____ GL Amber 524288000ml [Wt. 524288000g] [MAHSA 4] _____ GL Amber 1048576000ml [Wt. 1048576000g] [MAHSA 4] _____ GL Amber 2097152000ml [Wt. 2097152000g] [MAHSA 4] _____ GL Amber 4194304000ml [Wt. 4194304000g] [MAHSA 4] _____ GL Amber 8388608000ml [Wt. 8388608000g] [MAHSA 4] _____ GL Amber 16777216000ml [Wt. 16777216000g] [MAHSA 4] _____ GL Amber 33554432000ml [Wt. 33554432000g] [MAHSA 4] _____ GL Amber 67108864000ml [Wt. 67108864000g] [MAHSA 4] _____ GL Amber 134217728000ml [Wt. 134217728000g] [MAHSA 4] _____ GL Amber 268435456000ml [Wt. 268435456000g] [MAHSA 4] _____ GL Amber 536870912000ml [Wt. 536870912000g] [MAHSA 4] _____ GL Amber 1073741824000ml [Wt. 1073741824000g] [MAHSA 4] _____ GL Amber 2147483648000ml [Wt. 2147483648000g] [MAHSA 4] _____ GL Amber 4294967296000ml [Wt. 4294967296000g] [MAHSA 4] _____ GL Amber 8589934592000ml [Wt. 8589934592000g] [MAHSA 4] _____ GL Amber 17179869184000ml [Wt. 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Amber 18889465931478580854784000ml [Wt. 18889465931478580854784000g] [MAHSA 4] _____ GL Amber 37778931862957161709568000ml [Wt. 37778931862957161709568000g] [MAHSA 4] _____ GL Amber 75557863725914323419136000ml [Wt. 75557863725914323419136000g] [MAHSA 4] _____ GL Amber 151115727451828646838272000ml [Wt. 151115727451828646838272000g] [MAHSA 4] _____ GL Amber 302231454903657293676544000ml [Wt. 302231454903657293676544000g] [MAHSA 4] _____ GL Amber 604462909807314587353088000ml [Wt. 604462909807314587353088000g] [MAHSA 4] _____ GL Amber 1208925819614629174706176000ml [Wt. 1208925819614629174706176000g] [MAHSA 4] _____ GL Amber 2417851639229258349412352000ml [Wt. 2417851639229258349412352000g] [MAHSA 4] _____ GL Amber 4835703278458516698824704000ml [Wt. 4835703278458516698824704000g] [MAHSA 4] _____ GL Amber 9671406556917033397649408000ml [Wt. 9671406556917033397649408000g] [MAHSA 4] _____ GL Amber 19342813113834066795298816000ml [Wt. 19342813113834066795298816000g] [MAHSA 4] _____ GL Amber 38685626227668133590597632000ml [Wt. 38685626227668133590597632000g] [MAHSA 4] _____ GL Amber 77371252455336267181195264000ml [Wt. 77371252455336267181195264000g] [MAHSA 4] _____ GL Amber 154742504910672534362390528000ml [Wt. 154742504910672534362390528000g] [MAHSA 4] _____ GL Amber 309485009821345068724781056000ml [Wt. 309485009821345068724781056000g] [MAHSA 4] _____ GL Amber 618970019642690137449562112000ml [Wt. 618970019642690137449562112000g] [MAHSA 4] _____ GL Amber 1237940039285380274899124224000ml [Wt. 1237940039285380274899124224000g] [MAHSA 4] _____ GL Amber 2475880078570760549798248448000ml [Wt. 2475880078570760549798248448000g] [MAHSA 4] _____ GL Amber 4951760157141521099596496896000ml [Wt. 4951760157141521099596496896000g] [MAHSA 4] _____ GL Amber 9903520314283042199192993792000ml [Wt. 9903520314283042199192993792000g] [MAHSA 4] _____ GL Amber 19807040628566084398385987584000ml [Wt. 19807040628566084398385987584000g] [MAHSA 4] _____ GL Amber 39614081257132168796771975168000ml [Wt. 39614081257132168796771975168000g] [MAHSA 4] _____ GL Amber 79228162514264337593543950336000ml [Wt. 79228162514264337593543950336000g] [MAHSA 4] _____ GL Amber 158456325028528675187087900672000ml [Wt. 158456325028528675187087900672000g] [MAHSA 4] _____ GL Amber 316912650057057350374175801344000ml [Wt. 316912650057057350374175801344000g] [MAHSA 4] _____ GL Amber 633825300114114700748351602688000ml [Wt. 633825300114114700748351602688000g] [MAHSA 4] _____ GL Amber 1267650600228229401496703205376000ml [Wt. 1267650600228229401496703205376000g] [MAHSA 4] _____ GL Amber 2535301200456458802993406410752000ml [Wt. 2535301200456458802993406410752000g] [MAHSA 4] _____ GL Amber 5070602400912917605986812821504000ml [Wt. 5070602400912917605986812821504000g] [MAHSA 4] _____ GL Amber 10141204801825835211973625643008000ml [Wt. 10141204801825835211973625643008000g] [MAHSA 4] _____ GL Amber 20282409603651670423947251286016000ml [Wt. 20282409603651670423947251286016000g] [MAHSA 4] _____ GL Amber 40564819207303340847894502572032000ml [Wt. 40564819207303340847894502572032000g] [MAHSA 4] _____ GL Amber 81129638414606681695789005144064000ml [Wt. 81129638414606681695789005144064000g] [MAHSA 4] _____ GL Amber 162259276829213363391578010288128000ml [Wt. 162259276829213363391578010288128000g] [MAHSA 4] _____ GL Amber 324518553658426726783156020576256000ml [Wt. 324518553658426726783156020576256000g] [MAHSA 4] _____ GL Amber 649037107316853453566312041152512000ml [Wt. 649037107316853453566312041152512000g] [MAHSA 4] _____ GL Amber 1298074214633706907132624082305024000ml [Wt. 1298074214633706907132624082305024000g] [MAHSA 4] _____ GL Amber 2596148429267413814265248164610048000ml [Wt. 2596148429267413814265248164610048000g] [MAHSA 4] _____ GL Amber 5192296858534827628530496329220096000ml [Wt. 5192296858534827628530496329220096000g] [MAHSA 4] _____ GL Amber 10384593717069655257060992658440192000ml [Wt. 10384593717069655257060992658440192000g] [MAHSA 4] _____ GL Amber 20769187434139310514121985316880384000ml [Wt. 20769187434139310514121985316880384000g] [MAHSA 4] _____ GL Amber 41538374868278621028243970633760768000ml [Wt. 41538374868278621028243970633760768000g] [MAHSA 4] _____ GL Amber 83076749736557242056487941267521536000ml [Wt. 83076749736557242056487941267521536000g] [MAHSA 4] _____ GL Amber 166153499473114484112975882535043072000ml [Wt. 166153499473114484112975882535043072000g] [MAHSA 4] _____ GL Amber 332306998946228968225951765070086144000ml [Wt. 332306998946228968225951765070086144000g] [MAHSA 4] _____ GL Amber 664613997892457936451903530140172288000ml [Wt. 664613997892457936451903530140172288000g] [MAHSA 4] _____ GL Amber 1329227995784915872903807060280344576000ml [Wt. 1329227995784915872903807060280344576000g] [MAHSA 4] _____ GL Amber 2658455991569831745807614120560689152000ml [Wt. 2658455991569831745807614120560689152000g] [MAHSA 4] _____ GL Amber 5316911983139663491615228241121378304000ml [Wt. 5316911983139663491615228241121378304000g] [MAHSA 4] _____ GL Amber 10633823966279326983230456482242756608000ml [Wt. 10633823966279326983230456482242756608000g] [MAHSA 4] _____ GL Amber 21267647932558653966460912964485513216000ml [Wt. 21267647932558653966460912964485513216000g] [MAHSA 4] _____ GL Amber 42535295865117307932921825928971026432000ml [Wt. 42535295865117307932921825928971026432000g] [MAHSA 4] _____ GL Amber 85070591730234615865843651857942052864000ml [Wt. 85070591730234615865843651857942052864000g] [MAHSA 4] _____ GL Amber 170141183460469231731687303715884105728000ml [Wt. 170141183460469231731687303715884105728000g] [MAHSA 4] _____ GL Amber 340282366920938463463374607431768211456000ml [Wt. 340282366920938463463374607431768211456000g] [MAHSA 4] _____ GL Amber 680564733841876926926749214863536422912000ml [Wt. 680564733841876926926749214863536422912000g] [MAHSA 4] _____ GL Amber 1361129467683753853853498429727072845824000ml [Wt. 1361129467683753853853498429727072845824000g] [MAHSA 4] _____ GL Amber 2722258935367507707706996859454145691648000ml [Wt. 2722258935367507707706996859454145691648000g] [MAHSA 4] _____ GL Amber 5444517870735015415413993718908291383296000ml [Wt. 5444517870735015415413993718908291383296000g] [MAHSA 4] _____ GL Amber 10889035741470030830827987437816582766592000ml [Wt. 10889035741470030830827987437816582766592000g] [MAHSA 4] _____ GL Amber 21778071482940061661655974875633165533184000ml [Wt. 21778071482940061661655974875633165533184000g] [MAHSA 4] _____ GL Amber 435561429658801233233119497512663310666368000ml [Wt. 435561429658801233233119497512663310666368000g] [MAHSA 4] _____ GL Amber 871122859317602466466238995025326621332736000ml [Wt. 871122859317602466466238995025326621332736000g] [MAHSA 4] _____ GL Amber 1742245718235204932932477990050653242665472000ml [Wt. 1742245718235204932932477990050653242665472000g] [MAHSA 4] _____ GL Amber 3484491436470409865864955980101306485330944000ml [Wt. 3484491436470409865864955980101306485330944000g] [MAHSA 4] _____ GL Amber 6968982872940819731729911960202612910661888000ml [Wt. 6968982872940819731729911960202612910661888000g] [MAHSA 4] _____ GL Amber 13937965745881639463459823920405225821323776000ml [Wt. 13937965745881639463459823920405225821323776000g] [MAHSA 4] _____ GL Amber 27875931491763278926919647840810451642647552000ml [Wt. 27875931491763278926919647840810451642647552000g] [MAHSA 4] _____ GL Amber 55751862983526557853839295681620903285295104000ml [Wt. 55751862983526557853839295681620903285295104000g] [MAHSA 4] _____ GL Amber 111503725967053115707678591363241805770590208000ml [Wt. 111503725967053115707678591363241805770590208000g] [MAHSA 4] _____ GL Amber 223007451934106231415357182726483611544118416000ml [Wt. 223007451934106231415357182726483611544118416000g] [MAHSA 4] _____ GL Amber 44601490386821246283071436545296722288236832000ml [Wt. 44601490386821246283071436545296722288236832000g] [MAHSA 4] _____ GL Amber 89202980773642492566142873090593444576473664000ml [Wt. 89202980773642492566142873090593444576473664000g] [MAHSA 4] _____ GL Amber 178405961547284985132285746181186889152947328000ml [Wt. 178405961547284985132285746181186889152947328000g] [MAHSA 4] _____ GL Amber 356811923094569970264571492362373778305894656000ml [Wt. 356811923094569970264571492362373778305894656000g] [MAHSA 4] _____ GL Amber 713623846189139940529142984724747556611789312000ml [Wt. 713623846189139940529142984724747556611789312000g] [MAHSA 4] _____	

NY/NJ/PA CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-1102

Contact Options:

☐ Phone:
☐ Fax:
☐ Email:

Customer: Touchstone Farm Project P.O.: 92-94 W. 9th St.
 Address: Brocklyn, NY
 Report to: 0920
 Invoice to: 0920
 QUOTE #: 0920

This section MUST be completed with Bottle Quantities.

Client/Sampler Information - Identification

Sampler's Signature: [Signature] Date: 10/24/24

Matrix Code:
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY

SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
94212	SP-8 (30-324) S		10/24/24	15:15

Analysis Request

MS/MSD (they do blank at analysis rate)

Analysis	GL Amber 9 oz. [W/TH PO.] [N/AHSCO]	GL Soil container []	GL Amber 1000ml []	PL AS []	PL HSO []	PL MOH 250ml []	PL HNO 250ml []	Bacteria Bottle with []	Bacteria Bottle as is []
3									

Relinquished by: [Signature] Accepted by: [Signature]

Date: 10/25/24 Time: 10:08

Date: 10/25/24 Time: 17:30

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☐ EQUIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*
☐ Standard
 * SURCHARGE APPLIES

Data Package:
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *

Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO
☐ Unrestricted Soil
☐ 375SCO
☐ Residential Soil
☐ 375SCO
☐ Residential Restricted Soil
☐ 375SCO
☐ Commercial Soil
☐ 375SCO
☐ Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? ☐

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

NY/NJ/PA CHAIN OF CUSTODY RECORD



597 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-1102

Customer: Touchstone ENV
 Address: _____

Project: 92-94 N 9th St
 Report to: _____
 Invoice to: _____
 QUOTE #: _____

Contact Options:

Phone: _____
 Fax: _____
 Email: _____

Project P.O.: _____

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification				Analysis Request	Turnaround:	NJ	Res. Criteria	NY	TOGS GW	PA
PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled							
94201	SP-5 (25-34)	S	10/24/10 8:30	3	1 Day*	☐	Res. Criteria	☐	TOGS GW	☐
94202	SP-5 (28-30)	S	10/24/10 8:50	3	2 Days*	☐	Non-Res. Criteria	☐	CP-51 SOIL	☐
94203	SP-5 (32-37)	S	10/24/10 8:50	3	3 Days*	☐	Impact to GW Soil Cleanup Criteria	☐	375SCO Unrestricted Soil	☐
94204	SP-6 (25-34)	S	10/24/10 9:15	3	4 Days*	☐	Impact to GW soil screen Criteria	☐	375SCO Residential Soil	☐
94205	SP-6 (25-34)	S	10/24/10 9:15	3	5 Days*	☐	GW Criteria	☐	375SCO Residential Restricted Soil	☐
94206	SP-6 (30-35)	S	10/24/10 9:45	3	Standard	☐		☐	375SCO Commercial Soil	☐
94207	SP-7 (10-12)	S	10/24/10 11:00	3	*SURCHARGE APPLIES	☐		☐	375SCO Residential Restricted Soil	☐
94208	SP-7 (20-22)	S	10/24/10 11:30	3		☐		☐	375SCO Industrial Soil	☐
94209	SP-7 (29-31)	S	10/24/10 11:45	3		☐		☐	Subpart 5 DW	☐
94210	SP-8 (25-35)	S	10/24/10 15:15	3		☐		☐		
94211	SP-8 (27-29)	S	10/24/10 15:15	3		☐		☐		

Relinquished by:	Accepted by:	Date:	Time:
<i>[Signature]</i>	<i>[Signature]</i>	10/25/10	10:15
<i>[Signature]</i>	<i>[Signature]</i>	10/25/10	17:50

Comments, Special Requirements or Regulations:	Data Format:	Data Package:
	☐ Phoenix Std Report ☐ Excel ☐ PDF ☐ GIS/Key	☐ NJ Reduced Deliv. ☐ NY Enhanced (ASP B)

PA	NY
☐ Clean Fill Limits ☐ PA-GW ☐ Reg Fill Limits ☐ PA Soil Restricted ☐ PA Soil non-restricted	☐ TOGS GW ☐ CP-51 SOIL ☐ 375SCO Unrestricted Soil ☐ 375SCO Residential Soil ☐ 375SCO Residential Restricted Soil ☐ 375SCO Commercial Soil ☐ 375SCO Industrial Soil ☐ Subpart 5 DW

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.



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



Analysis Report

November 13, 2024

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

Sample Information

Matrix: GROUND WATER
Location Code: TOUCHSTONE
Rush Request: 24 Hour
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

11/06/24
11/08/24

Time

11:30
17:29

Laboratory Data

SDG ID: GCS03439
Phoenix ID: CS03439

Project ID: 92-94 NORTH 9TH ST. BROOKLYN, NY
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D

Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/12/24	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Benzene	ND	0.70	ug/L	1	11/12/24	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
cis-1,2-Dichloroethene	23	1.0	ug/L	1	11/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Styrene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/12/24	MH	SW8260D
Toluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Trichloroethene	13	1.0	ug/L	1	11/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	11/12/24	MH	70 - 130 %
% Bromofluorobenzene	94		%	1	11/12/24	MH	70 - 130 %
% Dibromofluoromethane	112		%	1	11/12/24	MH	70 - 130 %

1

Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98		%	1	11/12/24	MH	70 - 130 %

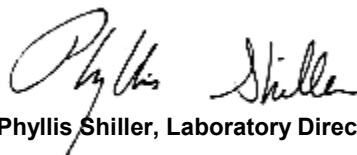
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

**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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

November 13, 2024

Official Report Release To Follow



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



Analysis Report

November 13, 2024

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

Sample Information

Matrix: GROUND WATER
Location Code: TOUCHSTONE
Rush Request: 24 Hour
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date	Time
11/06/24	12:15
11/08/24	17:29

Laboratory Data

SDG ID: GCS03439
Phoenix ID: CS03440

Project ID: 92-94 NORTH 9TH ST. BROOKLYN, NY
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D

Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/12/24	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Benzene	ND	0.70	ug/L	1	11/12/24	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
cis-1,2-Dichloroethene	16	1.0	ug/L	1	11/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Styrene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/12/24	MH	SW8260D
Toluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Trichloroethene	5.5	1.0	ug/L	1	11/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	1	11/12/24	MH	70 - 130 %
% Bromofluorobenzene	95		%	1	11/12/24	MH	70 - 130 %
% Dibromofluoromethane	108		%	1	11/12/24	MH	70 - 130 %

1

Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99		%	1	11/12/24	MH	70 - 130 %

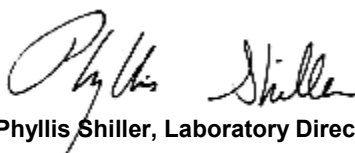
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

November 13, 2024

Official Report Release To Follow



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



Analysis Report

November 13, 2024

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

Sample Information

Matrix: GROUND WATER
Location Code: TOUCHSTONE
Rush Request: 24 Hour
P.O.#:

Custody Information

Collected by:
Received by: SR1
Analyzed by: see "By" below

Date

11/06/24 13:20
11/08/24 17:29

Laboratory Data

SDG ID: GCS03439
Phoenix ID: CS03441

Project ID: 92-94 NORTH 9TH ST. BROOKLYN, NY
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1,1-Trichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,3-Trichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dibromoethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	11/12/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
4-Chlorotoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
4-Methyl-2-pentanone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	25	ug/L	1	11/12/24	MH	SW8260D
Acrylonitrile	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Benzene	ND	0.70	ug/L	1	11/12/24	MH	SW8260D
Bromobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromochloromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromodichloromethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
Bromoform	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Bromomethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Carbon Disulfide	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Carbon tetrachloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chlorobenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloroform	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Chloromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
Dibromochloromethane	ND	0.50	ug/L	1	11/12/24	MH	SW8260D
Dibromomethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Dichlorodifluoromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Ethylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Hexachlorobutadiene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
Isopropylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
m&p-Xylene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Methyl ethyl ketone	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Methylene chloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Naphthalene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
n-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
n-Propylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
o-Xylene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
p-Isopropyltoluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
sec-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Styrene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
tert-Butylbenzene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Tetrachloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	11/12/24	MH	SW8260D
Toluene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Total Xylenes	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	11/12/24	MH	SW8260D
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	11/12/24	MH	SW8260D
Trichloroethene	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Trichlorofluoromethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Trichlorotrifluoroethane	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
Vinyl chloride	ND	1.0	ug/L	1	11/12/24	MH	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	11/12/24	MH	70 - 130 %
% Bromofluorobenzene	94		%	1	11/12/24	MH	70 - 130 %
% Dibromofluoromethane	108		%	1	11/12/24	MH	70 - 130 %

1

Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97		%	1	11/12/24	MH	70 - 130 %

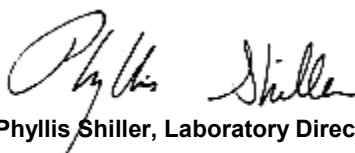
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

November 13, 2024

Official Report Release To Follow

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

NY/NJ/PA CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:

☐ Phone: _____

☐ Fax: _____

☐ Email: _____

Customer: T. Duchesneaux F.W.

Address: _____

Report to: _____

Invoice to:

QUOTE# :

Project P.O.:

07-06 4101 75-15

Brooklyn, NY

1216420878

This section MUST be completed with Bottle Quantities.

[illegible]

MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

GLS03439

Shannon Wilhelm

From: Michael Lapman
Sent: Friday, November 8, 2024 12:25 PM
To: Shannon Wilhelm
Subject: FW: Touchstone
Attachments: 20241108122150.pdf

5-Day Rush TAT and compare to:

- NY Restricted
- NY Unrestricted
- NY Commercial

Thank you.

Regards,
Michael Lapman
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Direct Line: 917.449.0850
www.phoenixlabs.com



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From: Shannon Wilhelm <shannon@phoenixlabs.com>
Date: Friday, November 8, 2024 at 12:22 PM
To: Michael Lapman <michael@phoenixlabs.com>
Subject: Touchstone

Shannon Wilhelm
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester CT 06040
860-645-1102

GCS 03439

Shannon Wilhelm

From: Michael Lapman
Sent: Tuesday, November 12, 2024 9:53 AM
To: Shannon Wilhelm
Subject: FW: GCS03439 - 92-94 NORTH 9TH ST. BROOKLYN, NY
Attachments: image001.jpg

Follow Up Flag: Follow up
Flag Status: Flagged

Shannon:

Can we increase the above TAT for results due tomorrow the 13th. Thank you.

Regards,
Michael Lapman
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Direct Line: 917.449.0850
www.phoenixlabs.com



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: AIR
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:
Canister Id: 49210

Custody Information

Collected by: EA
Received by: B
Analyzed by: see "By" below

Date Time
09/10/24 12:00
09/11/24 18:19

Laboratory Data

SDG ID: GCR60842
Phoenix ID: CR60842

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	09/11/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	ND	5.00	09/11/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	09/11/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	ND	5.00	09/11/24	KCA	5	
1,1-Dichloroethane	ND	1.24	ND	5.02	09/11/24	KCA	5	
1,1-Dichloroethene	ND	0.252	ND	1.00	09/11/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	09/11/24	KCA	5	
1,2,4-Trimethylbenzene	1.06	1.02	5.21	5.01	09/11/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	09/11/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	ND	5.00	09/11/24	KCA	5	
1,2-Dichloroethane	ND	1.24	ND	5.02	09/11/24	KCA	5	
1,2-dichloropropane	ND	1.08	ND	4.99	09/11/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	09/11/24	KCA	5	
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	09/11/24	KCA	5	
1,3-Butadiene	38.1	2.26	84.2	5.00	09/11/24	KCA	5	
1,3-Dichlorobenzene	ND	0.832	ND	5.00	09/11/24	KCA	5	
1,4-Dichlorobenzene	ND	0.832	ND	5.00	09/11/24	KCA	5	
1,4-Dioxane	ND	1.39	ND	5.01	09/11/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	ND	4.99	09/11/24	KCA	5	1
4-Ethyltoluene	ND	1.02	ND	5.01	09/11/24	KCA	5	1
4-Isopropyltoluene	ND	0.911	ND	5.00	09/11/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	1.26	1.22	5.16	4.99	09/11/24	KCA	5	
Acetone	ND	2.11	ND	5.01	09/11/24	KCA	5	
Acrylonitrile	ND	2.31	ND	5.01	09/11/24	KCA	5	
Benzene	5.16	1.57	16.5	5.01	09/11/24	KCA	5	
Benzyl chloride	ND	0.966	ND	5.00	09/11/24	KCA	5	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	09/11/24	KCA	5	
Bromoform	ND	0.484	ND	5.00	09/11/24	KCA	5	
Bromomethane	ND	1.29	ND	5.01	09/11/24	KCA	5	
Carbon Disulfide	5.43	1.61	16.9	5.01	09/11/24	KCA	5	
Carbon Tetrachloride	2.14	0.159	13.5	1.00	09/11/24	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	09/11/24	KCA	5	
Chloroethane	ND	1.90	ND	5.01	09/11/24	KCA	5	
Chloroform	ND	1.02	ND	4.98	09/11/24	KCA	5	
Chloromethane	ND	2.42	ND	4.99	09/11/24	KCA	5	
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	09/11/24	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	09/11/24	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	09/11/24	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	09/11/24	KCA	5	
Dichlorodifluoromethane	ND	1.01	ND	4.99	09/11/24	KCA	5	
Ethanol	6.14	2.66	11.6	5.01	09/11/24	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	09/11/24	KCA	5	1
Ethylbenzene	2.39	1.15	10.4	4.99	09/11/24	KCA	5	
Heptane	3.55	1.22	14.5	5.00	09/11/24	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	09/11/24	KCA	5	
Hexane	ND	1.42	ND	5.00	09/11/24	KCA	5	
Isooctane	26.5	1.07	123	4.99	09/11/24	KCA	5	
Isopropylalcohol	ND	2.04	ND	5.01	09/11/24	KCA	5	
Isopropylbenzene	2.05	1.02	10.1	5.01	09/11/24	KCA	5	
m,p-Xylene	3.54	1.15	15.4	4.99	09/11/24	KCA	5	
Methyl Ethyl Ketone	12.0	1.70	35.4	5.01	09/11/24	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	09/11/24	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	09/11/24	KCA	5	
Naphthalene	1.31	1.00	6.85	5.23	09/11/24	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	09/11/24	KCA	5	1
o-Xylene	1.27	1.15	5.51	4.99	09/11/24	KCA	5	
Propylene	421	8.72	724	15.0	09/13/24	KCA	15	1
sec-Butylbenzene	ND	0.911	ND	5.00	09/11/24	KCA	5	1
Styrene	ND	1.17	ND	4.98	09/11/24	KCA	5	
Tetrachloroethene	9.91	0.184	67.2	1.25	09/11/24	KCA	5	
Tetrahydrofuran	ND	1.70	ND	5.01	09/11/24	KCA	5	1
Toluene	259	3.98	975	15.0	09/13/24	KCA	15	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	09/11/24	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	09/11/24	KCA	5	
Trichloroethene	75.2	0.185	404	0.99	09/11/24	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	09/11/24	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	09/11/24	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	09/11/24	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	107	%	107	%	09/11/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	100	%	100	%	09/11/24	KCA	5	
% IS-Bromochloromethane (5x)	96	%	96	%	09/11/24	KCA	5	
% IS-Chlorobenzene-d5 (5x)	97	%	97	%	09/11/24	KCA	5	
% Bromofluorobenzene (15x)	106	%	106	%	09/13/24	KCA	15	
% IS-1,4-Difluorobenzene (15x)	103	%	103	%	09/13/24	KCA	15	

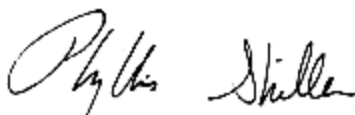
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% IS-Bromochloromethane (15x)	104	%	104	%	09/13/24	KCA	15
% IS-Chlorobenzene-d5 (15x)	101	%	101	%	09/13/24	KCA	15

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

September 13, 2024

Official Report Release To Follow



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: AIR
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:
Canister Id: 49256

Custody Information

Collected by: EA
Received by: B
Analyzed by: see "By" below

Date

09/10/24 14:30
09/11/24 18:19

Time

Laboratory Data

SDG ID: GCR60842
Phoenix ID: CR60843

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: SV-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	09/11/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	ND	5.00	09/11/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	09/11/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	ND	5.00	09/11/24	KCA	5	
1,1-Dichloroethane	ND	1.24	ND	5.02	09/11/24	KCA	5	
1,1-Dichloroethene	ND	0.252	ND	1.00	09/11/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	09/11/24	KCA	5	
1,2,4-Trimethylbenzene	1.19	1.02	5.85	5.01	09/11/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	09/11/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	ND	5.00	09/11/24	KCA	5	
1,2-Dichloroethane	ND	1.24	ND	5.02	09/11/24	KCA	5	
1,2-dichloropropane	ND	1.08	ND	4.99	09/11/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	09/11/24	KCA	5	
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	09/11/24	KCA	5	
1,3-Butadiene	4.60	2.26	10.2	5.00	09/11/24	KCA	5	
1,3-Dichlorobenzene	ND	0.832	ND	5.00	09/11/24	KCA	5	
1,4-Dichlorobenzene	ND	0.832	ND	5.00	09/11/24	KCA	5	
1,4-Dioxane	ND	1.39	ND	5.01	09/11/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	ND	4.99	09/11/24	KCA	5	1
4-Ethyltoluene	1.10	1.02	5.40	5.01	09/11/24	KCA	5	1
4-Isopropyltoluene	ND	0.911	ND	5.00	09/11/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	09/11/24	KCA	5	
Acetone	ND	2.11	ND	5.01	09/11/24	KCA	5	
Acrylonitrile	ND	2.31	ND	5.01	09/11/24	KCA	5	
Benzene	2.12	1.57	6.77	5.01	09/11/24	KCA	5	
Benzyl chloride	ND	0.966	ND	5.00	09/11/24	KCA	5	

Client ID: SV-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	09/11/24	KCA	5	
Bromoform	ND	0.484	ND	5.00	09/11/24	KCA	5	
Bromomethane	ND	1.29	ND	5.01	09/11/24	KCA	5	
Carbon Disulfide	6.25	1.61	19.4	5.01	09/11/24	KCA	5	
Carbon Tetrachloride	ND	0.159	ND	1.00	09/11/24	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	09/11/24	KCA	5	
Chloroethane	ND	1.90	ND	5.01	09/11/24	KCA	5	
Chloroform	ND	1.02	ND	4.98	09/11/24	KCA	5	
Chloromethane	ND	2.42	ND	4.99	09/11/24	KCA	5	
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	09/11/24	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	09/11/24	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	09/11/24	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	09/11/24	KCA	5	
Dichlorodifluoromethane	ND	1.01	ND	4.99	09/11/24	KCA	5	
Ethanol	8.41	2.66	15.8	5.01	09/11/24	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	09/11/24	KCA	5	1
Ethylbenzene	3.09	1.15	13.4	4.99	09/11/24	KCA	5	
Heptane	13.3	1.22	54.5	5.00	09/11/24	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	09/11/24	KCA	5	
Hexane	9.89	1.42	34.8	5.00	09/11/24	KCA	5	
Isooctane	26.9	1.07	125	4.99	09/11/24	KCA	5	
Isopropylalcohol	ND	2.04	ND	5.01	09/11/24	KCA	5	
Isopropylbenzene	2.61	1.02	12.8	5.01	09/11/24	KCA	5	
m,p-Xylene	4.23	1.15	18.4	4.99	09/11/24	KCA	5	
Methyl Ethyl Ketone	10.2	1.70	30.1	5.01	09/11/24	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	09/11/24	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	09/11/24	KCA	5	
Naphthalene	1.16	1.00	6.07	5.23	09/11/24	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	09/11/24	KCA	5	1
o-Xylene	1.51	1.15	6.55	4.99	09/11/24	KCA	5	
Propylene	46.2	2.91	79.5	5.01	09/11/24	KCA	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	09/11/24	KCA	5	1
Styrene	ND	1.17	ND	4.98	09/11/24	KCA	5	
Tetrachloroethene	11.2	0.184	75.9	1.25	09/11/24	KCA	5	
Tetrahydrofuran	ND	1.70	ND	5.01	09/11/24	KCA	5	1
Toluene	298	3.98	1120	15.0	09/13/24	KCA	15	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	09/11/24	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	09/11/24	KCA	5	
Trichloroethene	18.2	0.185	97.7	0.99	09/11/24	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	09/11/24	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	09/11/24	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	09/11/24	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	105	%	105	%	09/11/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	96	%	96	%	09/11/24	KCA	5	
% IS-Bromochloromethane (5x)	95	%	95	%	09/11/24	KCA	5	
% IS-Chlorobenzene-d5 (5x)	93	%	93	%	09/11/24	KCA	5	
% Bromofluorobenzene (15x)	105	%	105	%	09/13/24	KCA	15	
% IS-1,4-Difluorobenzene (15x)	101	%	101	%	09/13/24	KCA	15	

Client ID: SV-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% IS-Bromochloromethane (15x)	103	%	103	%	09/13/24	KCA	15
% IS-Chlorobenzene-d5 (15x)	99	%	99	%	09/13/24	KCA	15

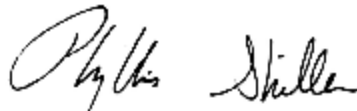
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

**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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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****September 13, 2024****Official Report Release To Follow**



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: AIR
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:
Canister Id: 21344

Custody Information

Collected by: EA
Received by: B
Analyzed by: see "By" below

Date

09/10/24 13:40
09/11/24 18:19

Time

Laboratory Data

SDG ID: GCR60842
Phoenix ID: CR60844

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: SV-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	09/12/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	ND	5.00	09/12/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	09/12/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	ND	5.00	09/12/24	KCA	5	
1,1-Dichloroethane	ND	1.24	ND	5.02	09/12/24	KCA	5	
1,1-Dichloroethene	ND	0.252	ND	1.00	09/12/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	09/12/24	KCA	5	
1,2,4-Trimethylbenzene	1.31	1.02	6.44	5.01	09/12/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	09/12/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	ND	5.00	09/12/24	KCA	5	
1,2-Dichloroethane	ND	1.24	ND	5.02	09/12/24	KCA	5	
1,2-dichloropropane	ND	1.08	ND	4.99	09/12/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	09/12/24	KCA	5	
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	09/12/24	KCA	5	
1,3-Butadiene	11.8	2.26	26.1	5.00	09/12/24	KCA	5	
1,3-Dichlorobenzene	ND	0.832	ND	5.00	09/12/24	KCA	5	
1,4-Dichlorobenzene	ND	0.832	ND	5.00	09/12/24	KCA	5	
1,4-Dioxane	ND	1.39	ND	5.01	09/12/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	ND	4.99	09/12/24	KCA	5	1
4-Ethyltoluene	1.23	1.02	6.04	5.01	09/12/24	KCA	5	1
4-Isopropyltoluene	ND	0.911	ND	5.00	09/12/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	09/12/24	KCA	5	
Acetone	ND	2.11	ND	5.01	09/12/24	KCA	5	
Acrylonitrile	ND	2.31	ND	5.01	09/12/24	KCA	5	
Benzene	2.44	1.57	7.79	5.01	09/12/24	KCA	5	
Benzyl chloride	ND	0.966	ND	5.00	09/12/24	KCA	5	

Client ID: SV-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	09/12/24	KCA	5	
Bromoform	ND	0.484	ND	5.00	09/12/24	KCA	5	
Bromomethane	ND	1.29	ND	5.01	09/12/24	KCA	5	
Carbon Disulfide	4.70	1.61	14.6	5.01	09/12/24	KCA	5	
Carbon Tetrachloride	ND	0.159	ND	1.00	09/12/24	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	09/12/24	KCA	5	
Chloroethane	ND	1.90	ND	5.01	09/12/24	KCA	5	
Chloroform	ND	1.02	ND	4.98	09/12/24	KCA	5	
Chloromethane	ND	2.42	ND	4.99	09/12/24	KCA	5	
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	09/12/24	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	09/12/24	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	09/12/24	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	09/12/24	KCA	5	
Dichlorodifluoromethane	ND	1.01	ND	4.99	09/12/24	KCA	5	
Ethanol	7.38	2.66	13.9	5.01	09/12/24	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	09/12/24	KCA	5	1
Ethylbenzene	2.96	1.15	12.8	4.99	09/12/24	KCA	5	
Heptane	2.52	1.22	10.3	5.00	09/12/24	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	09/12/24	KCA	5	
Hexane	3.97	1.42	14.0	5.00	09/12/24	KCA	5	
Isooctane	26.0	1.07	121	4.99	09/12/24	KCA	5	
Isopropylalcohol	ND	2.04	ND	5.01	09/12/24	KCA	5	
Isopropylbenzene	2.94	1.02	14.4	5.01	09/12/24	KCA	5	
m,p-Xylene	4.58	1.15	19.9	4.99	09/12/24	KCA	5	
Methyl Ethyl Ketone	8.48	1.70	25.0	5.01	09/12/24	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	09/12/24	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	09/12/24	KCA	5	
Naphthalene	1.96	1.00	10.3	5.23	09/12/24	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	09/12/24	KCA	5	1
o-Xylene	1.49	1.15	6.47	4.99	09/12/24	KCA	5	
Propylene	108	2.91	186	5.01	09/12/24	KCA	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	09/12/24	KCA	5	1
Styrene	ND	1.17	ND	4.98	09/12/24	KCA	5	
Tetrachloroethene	11.9	0.184	80.7	1.25	09/12/24	KCA	5	
Tetrahydrofuran	ND	1.70	ND	5.01	09/12/24	KCA	5	1
Toluene	301	3.98	1130	15.0	09/13/24	KCA	15	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	09/12/24	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	09/12/24	KCA	5	
Trichloroethene	22.6	0.185	121	0.99	09/12/24	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	09/12/24	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	09/12/24	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	09/12/24	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	104	%	104	%	09/12/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	98	%	98	%	09/12/24	KCA	5	
% IS-Bromochloromethane (5x)	94	%	94	%	09/12/24	KCA	5	
% IS-Chlorobenzene-d5 (5x)	94	%	94	%	09/12/24	KCA	5	
% Bromofluorobenzene (15x)	102	%	102	%	09/13/24	KCA	15	
% IS-1,4-Difluorobenzene (15x)	99	%	99	%	09/13/24	KCA	15	

Client ID: SV-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% IS-Bromochloromethane (15x)	102	%	102	%	09/13/24	KCA	15
% IS-Chlorobenzene-d5 (15x)	99	%	99	%	09/13/24	KCA	15

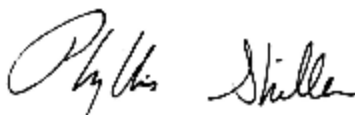
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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**Phyllis Shiller, Laboratory Director****September 13, 2024****Official Report Release To Follow**



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: AIR
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:
Canister Id: 49190

Custody Information

Collected by: EA
Received by: B
Analyzed by: see "By" below

Date Time
09/10/24 13:00
09/11/24 18:19

Laboratory Data

SDG ID: GCR60842
Phoenix ID: CR60845

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	09/12/24	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	ND	5.00	09/12/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	09/12/24	KCA	5	
1,1,2-Trichloroethane	ND	0.917	ND	5.00	09/12/24	KCA	5	
1,1-Dichloroethane	ND	1.24	ND	5.02	09/12/24	KCA	5	
1,1-Dichloroethene	ND	0.252	ND	1.00	09/12/24	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	09/12/24	KCA	5	
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	09/12/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	09/12/24	KCA	5	
1,2-Dichlorobenzene	ND	0.832	ND	5.00	09/12/24	KCA	5	
1,2-Dichloroethane	ND	1.24	ND	5.02	09/12/24	KCA	5	
1,2-dichloropropane	ND	1.08	ND	4.99	09/12/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	09/12/24	KCA	5	
1,3,5-Trimethylbenzene	1.20	1.02	5.90	5.01	09/12/24	KCA	5	
1,3-Butadiene	8.49	2.26	18.8	5.00	09/12/24	KCA	5	
1,3-Dichlorobenzene	ND	0.832	ND	5.00	09/12/24	KCA	5	
1,4-Dichlorobenzene	ND	0.832	ND	5.00	09/12/24	KCA	5	
1,4-Dioxane	ND	1.39	ND	5.01	09/12/24	KCA	5	
2-Hexanone(MBK)	ND	1.22	ND	4.99	09/12/24	KCA	5	1
4-Ethyltoluene	ND	1.02	ND	5.01	09/12/24	KCA	5	1
4-Isopropyltoluene	ND	0.911	ND	5.00	09/12/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	09/12/24	KCA	5	
Acetone	ND	2.11	ND	5.01	09/12/24	KCA	5	
Acrylonitrile	ND	2.31	ND	5.01	09/12/24	KCA	5	
Benzene	2.19	1.57	6.99	5.01	09/12/24	KCA	5	
Benzyl chloride	ND	0.966	ND	5.00	09/12/24	KCA	5	

Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	09/12/24	KCA	5	
Bromoform	ND	0.484	ND	5.00	09/12/24	KCA	5	
Bromomethane	ND	1.29	ND	5.01	09/12/24	KCA	5	
Carbon Disulfide	1.97	1.61	6.13	5.01	09/12/24	KCA	5	
Carbon Tetrachloride	0.840	0.159	5.28	1.00	09/12/24	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	09/12/24	KCA	5	
Chloroethane	ND	1.90	ND	5.01	09/12/24	KCA	5	
Chloroform	ND	1.02	ND	4.98	09/12/24	KCA	5	
Chloromethane	ND	2.42	ND	4.99	09/12/24	KCA	5	
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	09/12/24	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	09/12/24	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	09/12/24	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	09/12/24	KCA	5	
Dichlorodifluoromethane	ND	1.01	ND	4.99	09/12/24	KCA	5	
Ethanol	5.54	2.66	10.4	5.01	09/12/24	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	09/12/24	KCA	5	1
Ethylbenzene	2.68	1.15	11.6	4.99	09/12/24	KCA	5	
Heptane	ND	1.22	ND	5.00	09/12/24	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	09/12/24	KCA	5	
Hexane	1.46	1.42	5.14	5.00	09/12/24	KCA	5	
Isooctane	19.5	1.07	90.9	4.99	09/12/24	KCA	5	
Isopropylalcohol	ND	2.04	ND	5.01	09/12/24	KCA	5	
Isopropylbenzene	2.47	1.02	12.1	5.01	09/12/24	KCA	5	
m,p-Xylene	3.81	1.15	16.5	4.99	09/12/24	KCA	5	
Methyl Ethyl Ketone	7.44	1.70	21.9	5.01	09/12/24	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	09/12/24	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	09/12/24	KCA	5	
Naphthalene	1.12	1.00	5.86	5.23	09/12/24	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	09/12/24	KCA	5	1
o-Xylene	1.22	1.15	5.29	4.99	09/12/24	KCA	5	
Propylene	57.5	2.91	98.9	5.01	09/12/24	KCA	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	09/12/24	KCA	5	1
Styrene	ND	1.17	ND	4.98	09/12/24	KCA	5	
Tetrachloroethene	11.5	0.184	78.0	1.25	09/12/24	KCA	5	
Tetrahydrofuran	ND	1.70	ND	5.01	09/12/24	KCA	5	1
Toluene	253	3.98	953	15.0	09/13/24	KCA	15	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	09/12/24	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	09/12/24	KCA	5	
Trichloroethene	120	0.185	644	0.99	09/12/24	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	09/12/24	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	09/12/24	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	09/12/24	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	107	%	107	%	09/12/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	97	%	97	%	09/12/24	KCA	5	
% IS-Bromochloromethane (5x)	96	%	96	%	09/12/24	KCA	5	
% IS-Chlorobenzene-d5 (5x)	92	%	92	%	09/12/24	KCA	5	
% Bromofluorobenzene (15x)	103	%	103	%	09/13/24	KCA	15	
% IS-1,4-Difluorobenzene (15x)	99	%	99	%	09/13/24	KCA	15	

Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% IS-Bromochloromethane (15x)	104	%	104	%	09/13/24	KCA	15
% IS-Chlorobenzene-d5 (15x)	99	%	99	%	09/13/24	KCA	15

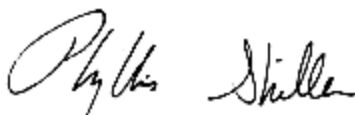
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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**Phyllis Shiller, Laboratory Director****September 13, 2024****Official Report Release To Follow**



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



Analysis Report

September 13, 2024

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

Sample Information

Matrix: AIR
Location Code: TOUCHSTONE
Rush Request: 48 Hour
P.O.#:
Canister Id: 13644

Custody Information

Collected by: EA
Received by: B
Analyzed by: see "By" below

Date

09/10/24 14:15
09/11/24 18:19

Time

Laboratory Data

SDG ID: GCR60842
Phoenix ID: CR60846

Project ID: 92-94 NORTH 9TH ST BROOKLYN NY
Client ID: OA-1

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	09/11/24	KCA	1	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	09/11/24	KCA	1	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	09/11/24	KCA	1	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	09/11/24	KCA	1	
1,1-Dichloroethane	ND	0.247	ND	1.00	09/11/24	KCA	1	
1,1-Dichloroethene	ND	0.051	ND	0.20	09/11/24	KCA	1	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	09/11/24	KCA	1	
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	09/11/24	KCA	1	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	09/11/24	KCA	1	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	09/11/24	KCA	1	
1,2-Dichloroethane	ND	0.247	ND	1.00	09/11/24	KCA	1	
1,2-dichloropropane	ND	0.217	ND	1.00	09/11/24	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	09/11/24	KCA	1	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	09/11/24	KCA	1	
1,3-Butadiene	ND	0.452	ND	1.00	09/11/24	KCA	1	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	09/11/24	KCA	1	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	09/11/24	KCA	1	
1,4-Dioxane	ND	0.278	ND	1.00	09/11/24	KCA	1	
2-Hexanone(MBK)	ND	0.244	ND	1.00	09/11/24	KCA	1	1
4-Ethyltoluene	ND	0.204	ND	1.00	09/11/24	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	09/11/24	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	09/11/24	KCA	1	
Acetone	3.36	0.421	7.98	1.00	09/11/24	KCA	1	
Acrylonitrile	ND	0.461	ND	1.00	09/11/24	KCA	1	
Benzene	ND	0.313	ND	1.00	09/11/24	KCA	1	
Benzyl chloride	ND	0.193	ND	1.00	09/11/24	KCA	1	

Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	09/11/24	KCA	1
Bromoform	ND	0.097	ND	1.00	09/11/24	KCA	1
Bromomethane	ND	0.258	ND	1.00	09/11/24	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	09/11/24	KCA	1
Carbon Tetrachloride	0.085	0.032	0.53	0.20	09/11/24	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	09/11/24	KCA	1
Chloroethane	ND	0.379	ND	1.00	09/11/24	KCA	1
Chloroform	ND	0.205	ND	1.00	09/11/24	KCA	1
Chloromethane	0.491	0.485	1.01	1.00	09/11/24	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	09/11/24	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	09/11/24	KCA	1
Cyclohexane	ND	0.291	ND	1.00	09/11/24	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	09/11/24	KCA	1
Dichlorodifluoromethane	0.453	0.202	2.24	1.00	09/11/24	KCA	1
Ethanol	11.2	0.531	21.1	1.00	09/11/24	KCA	1
Ethyl acetate	ND	0.278	ND	1.00	09/11/24	KCA	1
Ethylbenzene	ND	0.230	ND	1.00	09/11/24	KCA	1
Heptane	ND	0.244	ND	1.00	09/11/24	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	09/11/24	KCA	1
Hexane	ND	0.284	ND	1.00	09/11/24	KCA	1
Isooctane	ND	0.215	ND	1.00	09/11/24	KCA	1
Isopropylalcohol	0.928	0.407	2.28	1.00	09/11/24	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	09/11/24	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	09/11/24	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	09/11/24	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	09/11/24	KCA	1
Methylene Chloride	ND	0.863	ND	3.00	09/11/24	KCA	1
Naphthalene	ND	0.200	ND	1.05	09/11/24	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	09/11/24	KCA	1
o-Xylene	ND	0.230	ND	1.00	09/11/24	KCA	1
Propylene	ND	0.581	ND	1.00	09/11/24	KCA	1
sec-Butylbenzene	ND	0.182	ND	1.00	09/11/24	KCA	1
Styrene	ND	0.235	ND	1.00	09/11/24	KCA	1
Tetrachloroethene	ND	0.037	ND	0.25	09/11/24	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	09/11/24	KCA	1
Toluene	ND	0.266	ND	1.00	09/11/24	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	09/11/24	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	09/11/24	KCA	1
Trichloroethene	ND	0.037	ND	0.20	09/11/24	KCA	1
Trichlorofluoromethane	0.189	0.178	1.06	1.00	09/11/24	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	09/11/24	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	09/11/24	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	104	%	104	%	09/11/24	KCA	1
% IS-1,4-Difluorobenzene	99	%	99	%	09/11/24	KCA	1
% IS-Bromochloromethane	100	%	100	%	09/11/24	KCA	1
% IS-Chlorobenzene-d5	97	%	97	%	09/11/24	KCA	1

Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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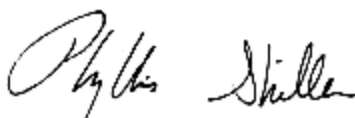
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BRL=Below Reporting Level L=Biased Low

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Phyllis Shiller, Laboratory Director

September 13, 2024

Official Report Release To Follow

Sample Criteria Exceedances Report
GCR60842 - TOUCHSTONE

Criteria: None

State: NY

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

