62 NORTH 1ST STREET

BROOKLYN, NEW YORK 11249

Remedial Investigation Report

Voluntary Cleanup Number: TBD
CEQR Number: 04DCP003K
OER Site Number: 25TMP0830K

Prepared for:

60 North 1st LLC
1313 Rogers Avenue, 1st Floor
Brooklyn, NY 11226

Prepared by:

797 NORTH COUNTRY ROAD
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FEBRUARY 2025

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photo-ionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Kevin Brussee, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(tt). I have primary direct responsibility for implementation of the Remedial Investigation for the Redevelopment Project located 62 North 1st Street, NY 11249 (OER Project Number: 25TMP0830K, VCP Site TBD). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Kevin Brussee

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 62 North 1st Street in the Williamsburg section of the Borough of Brooklyn and is identified as Block 2378, Lot 14 on the New York City Tax Map. The Site is located on the south side of North 1st Street between Kent Avenue to the west and Wythe Avenue to the east. The Site consists of 73.92 ft of street frontage along North 1st Street and a lot depth of 138.33 ft on its longest side for a total area of approximately 9,829.5 square feet (SF). Lot 14 is currently bordered by a 7-story residential apartment building to the west (50 North 1st Street), a 5-story residential condo building to the east (66 North 1st Street), a 5-story mixed use commercial and residential apartment building (57 and 59 Grand Street) and two 1-story commercial/manufacturing buildings (69 Grand Street) to the north, and multiple 3-story residential buildings to the south on the opposite side of North 1st Street (57, 59, 61, 63, 65, and 67 North 1st Street).

The Site is currently developed with a vacant 2-story commercial building with no basement. The building occupies the entire footprint of the Site. The building is currently vacant/unoccupied but was most recently utilized as a restaurant and music school/rehearsal studio.

Summary of Proposed Redevelopment Plan

The Site will be redeveloped with a new 9-story residential apartment building (44 market rate units and 12 affordable units) with a full cellar that will occupy 8,368.5 SF (85%) of the lot. An inner courtyard will be located within the approximate center of the building and will extend to the cellar. The cellar will consist of three mechanical rooms totaling 1,056 SF, a 2,012 SF storage room, a 987 SF residential recreational/exercise room, a 666 SF residential recreation/co-working space, a 350 residential recreation/lounge room, a 274 SF trash collection room, a 513

SF bicycle storage room, and the concrete capped inner courtyard. The 1st floor will consist of the residential lobby/entrance with a package area and mailbox area, three residential recreation rooms totaling 1,442 SF, and a parking garage entrance that leads to an open air parking area constructed both above the cellar (below the 2nd floor of the building) and the at-grade area located behind the cellar. The 2nd through 9th floors will consist of residential apartments. The current building will be demolished before redevelopment. Layout of the proposed site development is presented in Figure 3.

Excavation to a minimum depth of 12 ft below sidewalk grade (bsg) will be required for the 8,368.5 SF cellar with additional deeper excavation to 14 ft bsg for footings/grade beams and 15 ft bsg for the elevator pit. The rear courtyard will be excavated to a minimum depth of 1 ft bsg and sloped excavation will be performed from 1 ft bsg to the depth of the rear cellar wall footing (14 ft bsg). The total amount of soil anticipated for removal is approximately 4,500 cubic yards (6,750 tons).

The Site elevation is 18 ft. The water table is expected to be approximately 20 ft bsg and is therefore not expected to be encountered during excavation. Any dewatering that may be needed will be performed in accordance with local and state requirements. The current zoning designation is residential (R6A) with an overlay M1-2. The proposed use of the new building is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Phase I Environmental Site Assessment (ESA) – BEC – December 2024

A Phase I Environmental Site Assessment Report was completed by BEC in December of 2024. BEC was able to establish a history for the property dating back to 1887. According to a review of NYC records, Sanborn maps, aerial photographs, historic city directories, the Site was developed with several 1- to 3-story commercial/ industrial buildings, including a sugar box factory, a cooperage and several storage warehouses. By 1904, the buildings were occupied by a paint manufacturer, an iron manufacturer, a tailor, and a storage facility. By 1918, the Site was occupied by a blacksmith, a fur dresser and a China decorating facility. The fur dresser was also occupied by a China decorating facility by the mid-1930s. By the late-1940s, the Site was redeveloped with a “U”-shaped structure and identified as a lumber yard. The “U”-shaped

structure was replaced with the existing 2-story structure between 1951 and 1965, also identified as a lumber company. City directory listings reveal the building was occupied by a lumber company through the early-1990s. A grocery company and several food companies/restaurants occupied the Site from 2000 through 2017.

BEC identified the following recognized environmental condition (REC) in connection with the Site:

- Information obtained from multiple historic sources revealed that the Site was historically utilized for various industrial/manufacturing operations, including paint manufacturing, iron manufacturing, a cooperage, a blacksmith, fur dressing, and china decorating/ manufacturing from at least 1887 through the mid-1930s. The former operations may have resulted in spills or releases which may have impacted the subsurface beneath the Site, as well as a potential soil vapor intrusion risk. As such, the historic use of the Site represents a REC.

In addition to the aforementioned REC, BEC identified several environmental concerns (ASTM Non-Scope issues/Business Environmental Risks [BERs]) for the subject property. The environmental concerns/BERs and BEC's recommendations are summarized as follows:

- The Site was listed on the E-Designation database as having an E-HazMat restriction (E-138), which was determined during the Greenpoint-Williamsburg Rezoning completed by the City in May 2005 (CEQR 04DCP003K). The HazMat E-designation requires the issuance of a Notice to Proceed by the New York City Office of Environmental Remediation (NYCOER) before the property can be redeveloped. The presence of the E-Designation is considered a BER.

- Information obtained from multiple historic sources revealed that the Site was formerly developed with one or more commercial/industrial buildings from at least 1887 through 1950. As such, there is a potential for fill material to be present (utilized to backfill the foundations and/or basements of the former structures following their demolition). As no information regarding the nature or source of the fill material was available for review, there is a potential for contaminated and/or structurally unsuitable fill material to be present on the Site. The potential presence of fill material is considered a BER.

Experience with similar projects shows that typical urban fill material (impacted or clean) that are not excavated to support construction/redevelopment activities can remain on-site, as such we do not foresee an issue related to undisturbed urban fill. However, due to the presence of the HazMat E-designation, any further redevelopment would require sampling to arrange for proper disposal off-site disposal of soil/fill.

- Fluorescent light ballasts were observed within inspected portions of the building, which based on the age of the building, may contain polychlorinated biphenyls (PCBs).

- Suspect asbestos-containing vinyl floor tile, sheetrock/wallboard/plaster were observed throughout the inspected portions of the building. Most of the suspect asbestos-containing materials (ACMs) were in good condition at the time of the site inspection, although some areas of water-stained and damaged materials were identified on the second floor (former music school/rehearsal space. BEC notes that most of the exposed pipes were either uninsulated or were insulated with fiberglass or foam rubber. Further, due to the age of the buildings, it is possible that roofing, roof flashing and other (inaccessible) building materials may contain asbestos.

  If activities in the buildings (i.e., renovation or demolition) will disturb any suspect asbestos material, then BEC recommends that an asbestos survey be performed to determine if ACMs are present prior to the proposed work. If ACMs are present, then a New York City (NYC) and New York State (NYS)-licensed contractor must be retained to remove the asbestos in accordance with federal, NYS and NYC regulations.

- Several areas of water-staining and water damage, including peeling paint, damaged/missing sheetrock/plaster, damaged floor tile, were observed throughout the second floor (former music school/rehearsal space). Visible mold growth was also observed on second floor walls and ceilings. This damage appears related to roof/skylight leaks.

The AOCs identified for this site include:

1. Historic fill layer is present across the site to depths as great as 6 ft below grade.

Summary of the Work Performed under the Remedial Investigation

BEC performed the following scope of work within the boundary of the Site in December of 2024 and January 2025:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six soil borings (SB1 through SB6) across the Site and collected twelve soil samples and one duplicate for chemical analysis from the soil borings to evaluate soil quality;
3. The three (3) proposed groundwater monitoring wells were not installed due to multiple refusals throughout the Site. Soil borings SB1 and SB3 hit refusal at a depth of approximately 18 ft below grade and soil borings SB2, SB4, and SB6 each reached a depth of approximately 14 to 15 ft below grade before they hit refusal. Refusal was hit at a depth of approximately 12 ft below grade at soil boring SB5. Hence, no groundwater flow was established, and no groundwater samples were collected for chemical analysis to evaluate groundwater quality;
4. Installed five soil vapor implants (SV1 through SV5) across the Site and collected five soil vapor samples for chemical analysis.

Summary of Environmental Findings:

1. The elevation of the Site is approximately 18 ft above mean sea level;
2. Depth to groundwater is expected to be approximately 20 ft below sidewalk grade;
3. Regional groundwater flow is generally to the west;
4. Depth to bedrock at the Site is greater than 100 ft;
5. The stratigraphy of the Site, from the surface down, consists of fill material to depths as great as 3 ft below grade underlain with a native light brown silty sand;
6. Soil/fill samples were collected during the RI and the results were compared to NYSDEC Part 375-6 Unrestricted Use Soil Cleanup Objectives (UUSCOs), NYSDEC Part 375-6 Residential Soil Cleanup Objectives (RSCOs), and Restricted Use Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples showed the following:

- No VOCs were detected above their UUSCOs within any of the soil samples. However, two VOCs were detected at trace concentrations below UUSCOs. Tetrachloroethene (180 µg/kg) was detected only within the shallow 0-2 ft soil sample collected from soil boring SB6 and naphthalene (max. of 660 µg/kg) was detected within both the shallow (0-2 ft) and deep (10-12 ft) soil samples collected from soil boring SB6;
- Seven SVOCs including benz(a)anthracene (max of 4,100 µg/kg in SB6 10-12'), benzo(a)pyrene (max. of 3,600 µg/kg in SB6 10-12'), benzo(b)fluoranthene (max. of 4,700 µg/kg in SB6 10-12'), benzo(k)fluoranthene (max. of 1,200 µg/kg in SB6 10-12'), chrysene (max. of 3,900 µg/kg in SB6 10-12'), dibenz(a,h)anthracene (max. of 420 µg/kg in SB6 10-12'), and indeno(1,2,3-cd)pyrene (max. of 1,500 µg/kg in SB6 10-12') were detected above RRSCOs within two of the four shallow (0-2 ft) soil samples and one of the deep soil samples;
- No polychlorinated biphenyls (PCBs) were detected within in any of the soil samples collected at the Site;
- The pesticides 4,4'-DDE (4.4 µg/kg in SB5 0-2') and 4,4'-DDT (7 µg/kg in SB5 0-2') were detected above Unrestricted Use SCOs within one of the six shallow (0-2 ft) soil samples collected at the Site;
- Four Target Analyte List (TAL) metals including copper (max. of 141 mg/kg in SB1 0-2'), lead (max. of 517 mg/kg in SB1 0-2'), mercury (max. of 16 mg/kg in SB6 10-12'), and zinc (max. of 714 mg/kg in SB1 0-2') were detected at concentrations exceeding their UUSCOs. Of these metals, lead and mercury were detected above their respective RRSCOs. Mercury was detected above RRSCOs within two of the six deep soil samples;
- No PFAS compounds were detected above their respective EPA Guidance values within the soil sample retained for analysis; and
- 1,4-Dioxane was not detected within the soil sample retained for analysis; and
- Soil was consistent with historical fill across the Site within the shallow soil samples collected from the 0 to 2 ft interval.

7. Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guidance Values derived by the New York State Department of Health

(NYSDOH) located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006, the revised NYSDOH Decision Matrices dated May 2017, and the revised NYSDOH Decision Matrices dated February 2024.

- The soil vapor results indicated low to moderate levels of BTEX VOCs and chlorinated VOCs (CVOCs);
- The total concentration of BTEX VOCs (BTEX) ranged from non-detect (SV-3) to 38.57 $\mu g/m^3$ (SV-2);
- No petroleum related VOCs were detected above the monitoring level range established within the NYSDOH soil vapor guidance matrices D, E and F;
- Chlorinated VOC 1,1,1-trichloroethane was detected within two of the five soil vapor samples at a maximum concentration of 14.4 $\mu g/m^3$ in SV-5. Chlorinated VOC, tetrachloroethene (PCE) was detected in all five soil vapor samples (ranging from 26.9 $\mu g/m^3$ in SV-1 to 75.9 $\mu g/m^3$ in SV-5). Chlorinated VOC trichloroethene (TCE) was detected in all three soil vapor samples (ranging from 19.8 $\mu g/m^3$ in SV-1 to 37 $\mu g/m^3$ in SV-3);
- Cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, methylene chloride, and vinyl chloride were not detected within any of the soil vapor samples.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

60 North 1st LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate the 10,000 SF Site located at 62 North 1st Street in the Williamsburg section of the Borough of Brooklyn, New York. The Site will be redeveloped into a 7-story residential building. The RI work was performed in late December 2024 / early January 2025. This RIR summarizes the nature and extent of contamination at the Site and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 62 North 1st Street in the Williamsburg section of the Borough of Brooklyn and is identified as Block 2378, Lot 14 on the New York City Tax Map. The Site is located on the south side of North 1st Street between Kent Avenue to the west and Wythe Avenue to the east. The Site location is shown on Figure 1. The Site consists of 73.92 ft of street frontage along North 1st Street and a lot depth of 138.33 ft on its longest side for a total area of approximately 9,829.5 square feet (SF). Lot 14 is currently bordered by a 7-story residential apartment building to the west (50 North 1st Street), a 5-story residential condo building to the east (66 North 1st Street), a 5-story mixed use commercial and residential apartment building (57 and 59 Grand Street) and two 1-story commercial/manufacturing buildings (69 Grand Street) to the north, and multiple 3-story residential buildings to the south on the opposite side of North 1st Street (57, 59, 61, 63, 65, and 67 North 1st Street). The site boundary map is shown on Figure 2 and a map of the surrounding usage is shown on Figure 4.

The Site is currently developed with a vacant 2-story commercial building with no basement. The building occupies the entire footprint of the Site. The building is currently vacant/unoccupied but was most recently utilized as a restaurant and music school/rehearsal studio.

1.2 Proposed Redevelopment Plan

The Site will be redeveloped with a new 9-story residential apartment building (44 market rate units and 12 affordable units) with a full cellar that will occupy 8,368.5 SF (85%) of the lot. An inner courtyard will be located within the approximate center of the building and will extend to the cellar. The cellar will consist of three mechanical rooms totaling 1,056 SF, a 2,012 SF storage room, a 987 SF residential recreational/exercise room, a 666 SF residential recreation/co-working space, a 350 residential recreation/lounge room, a 274 SF trash collection room, a 513 SF bicycle storage room, and the concrete capped inner courtyard. The 1st floor will consist of the residential lobby/entrance with a package area and mailbox area, three residential recreation rooms totaling 1,442 SF, and a parking garage entrance that leads to an open air parking area constructed both above the cellar (below the 2nd floor of the building) and the at-grade area located behind the cellar. The 2nd through 9th floors will consist of residential apartments. The current building will be demolished before redevelopment. Layout of the proposed site development is presented in Figure 3.

Excavation to a minimum depth of 12 ft below sidewalk grade (bsg) will be required for the 8,368.5 SF cellar with additional deeper excavation to 14 ft bsg for footings/grade beams and 15 ft bsg for the elevator pit. The rear courtyard will be excavated to a minimum depth of 1 ft bsg and sloped excavation will be performed from 1 ft bsg to the depth of the rear cellar wall footing (14 ft bsg). The total amount of soil anticipated for removal is approximately 4,500 cubic yards (6,750 tons).

The Site elevation is 18 ft. The water table is expected to be approximately 20 ft bsg and is therefore not expected to be encountered during excavation. Any dewatering that may be needed will be performed in accordance with local and state requirements. The current zoning designation is residential (R6A) with an overlay M1-2. The proposed use of the new building is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area immediately surrounding the Site consists primarily of residential, commercial, and manufacturing/industrial buildings. The adjacent properties are described in the table below. Figure 4 shows the surrounding land usage. No schools, day care facilities or hospitals are

located within a 500-ft radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – *Across North 1st Street*	Block 2483, Lot 7501 (80 Metropolitan Avenue) – A 40,614 SF lot developed with a multiple 3-story residential buildings. Buildings on the immediate north side of North 1st Street have the addresses 57, 59, 61, 63, 65, & 67 North 1st Street.
East – *Adjacent Property*	Block 23783, Lot 7501 (66 North 1st Street) – A 6,475 SF lot developed with a 5-story residential condo building.
West – *Adjacent Property*	Block 2378, Lot 11 (50 North 1st Street) – A 15,800 SF lot developed with a 7-story residential apartment building.
South – *Adjacent Properties*	Block 2378, Lot 29 (69 Grand Street) – An 8,230 SF lot developed with two 1-story commercial/manufacturing buildings. Block 2378, Lot 7503 (57 and 59 Grand Street) – Developed with a 5-story mixed use commercial and residential apartment building.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Phase I Environmental Site Assessment (ESA) – BEC – December 2024

A Phase I Environmental Site Assessment Report was completed by BEC in December of 2024. BEC was able to establish a history for the property dating back to 1887. According to a review of NYC records, Sanborn maps, aerial photographs, historic city directories, the Site was developed with several 1- to 3-story commercial/ industrial buildings, including a sugar box factory, a cooperage and several storage warehouses. By 1904, the buildings were occupied by a paint manufacturer, an iron manufacturer, a tailor, and a storage facility. By 1918, the Site was occupied by a blacksmith, a fur dresser and a China decorating facility. The fur dresser was also occupied by a China decorating facility by the mid-1930s. By the late-1940s, the Site was redeveloped with a "U"-shaped structure and identified as a lumber yard. The "U"-shaped structure was replaced with the existing 2-story structure between 1951 and 1965, also identified as a lumber company. City directory listings reveal the building was occupied by a lumber company through the early-1990s. A grocery company and several food companies/restaurants occupied the Site from 2000 through 2017.

BEC identified the following recognized environmental condition (REC) in connection with the Site:

- Information obtained from multiple historic sources revealed that the Site was historically utilized for various industrial/manufacturing operations, including paint manufacturing, iron manufacturing, a cooperage, a blacksmith, fur dressing, and china decorating/ manufacturing from at least 1887 through the mid-1930s. The former operations may have resulted in spills or releases which may have impacted the subsurface beneath the Site, as well as a potential soil vapor intrusion risk. As such, the historic use of the Site represents a REC.

In addition to the aforementioned REC, BEC identified several environmental concerns (ASTM Non-Scope issues/Business Environmental Risks [BERs]) for the Site. The environmental concerns/BERs and BEC's recommendations are summarized as follows:

- The Site was listed on the E-Designation database as having an E-HazMat restriction (E-138), which was determined during the Greenpoint-Williamsburg Rezoning completed by the City in May 2005 (CEQR 04DCP003K). The HazMat E-designation requires the issuance of a Notice to Proceed by the New York City Office of Environmental Remediation (NYCOER) before the property can be redeveloped. The presence of the E-Designation is considered a BER.

- Information obtained from multiple historic sources revealed that the Site was formerly developed with one or more commercial/industrial buildings from at least 1887 through 1950. As such, there is a potential for fill material to be present (utilized to backfill the foundations and/or basements of the former structures following their demolition). As no information regarding the nature or source of the fill material was available for review, there is a potential for contaminated and/or structurally unsuitable fill material to be present on the Site. The potential presence of fill material is considered a BER.

  Experience with similar projects shows that typical urban fill material (impacted or clean) that are not excavated to support construction/redevelopment activities can remain on-site, as such we do not foresee an issue related to undisturbed urban fill. However, due to the presence of the HazMat E-designation, any further redevelopment would require sampling to arrange for proper disposal off-site disposal of soil/fill.

- Fluorescent light ballasts were observed within inspected portions of the building, which based on the age of the building, may contain polychlorinated biphenyls (PCBs).

- Suspect asbestos-containing vinyl floor tile, sheetrock/wallboard/plaster were observed throughout the inspected portions of the building. Most of the suspect asbestos-containing materials (ACMs) were in good condition at the time of the site inspection, although some areas of water-stained and damaged materials were identified on the second floor (former music school/rehearsal space. BEC notes that most of the exposed pipes were either uninsulated or were insulated with fiberglass or foam rubber. Further, due to the age of the buildings, it is possible that roofing, roof flashing and other (inaccessible) building materials may contain asbestos.

If activities in the buildings (i.e., renovation or demolition) will disturb any suspect asbestos material, then BEC recommends that an asbestos survey be performed to determine if ACMs are present prior to the proposed work. If ACMs are present, then a New York City (NYC) and New York State (NYS)-licensed contractor must be retained to remove the asbestos in accordance with federal, NYS and NYC regulations.

- Several areas of water-staining and water damage, including peeling paint, damaged/missing sheetrock/plaster, damaged floor tile, were observed throughout the second floor (former music school/rehearsal space). Visible mold growth was also observed on second floor walls and ceilings. This damage appears related to roof/skylight leaks.

2.2 Previous Investigations

BEC is not aware of any prior investigations performed at the Site.

2.3 Site Inspection

BEC representative Keith Butler inspected the Site on December 17, 2024, accompanied by an owner's representative. Site reconnaissance included a visual inspection of the building interior, exterior areas including building systems (HVAC, plumbing, electrical, etc.), the sidewalk areas immediately adjoining the property, and the exteriors of adjacent properties. No limiting conditions were encountered during the survey. At the time of the inspection, the building developed with a vacant 2-story commercial building. The building is currently vacant/ unoccupied but was most recently utilized as a restaurant (Pasta Wiz) and music school/rehearsal studio. The restaurant (kitchen, dining room, restrooms, and storage/mechanical space) occupied the 1st floor of the building as well as portions of the 2nd floor with a bar and dining area overlooking the first-floor dining room. The rehearsal studio space also occupied portions of both floors and was divided into numerous small rooms with common corridors and several restrooms. The building slab within the restroom consisted of a grouted cobblestone and/or concrete slab with finished tile surface. Some rooms contained mattresses and were likely utilized as illegal apartments and/or formerly occupied by squatters. Small quantities of paints and cleaning chemicals were observed within storage and mechanical rooms throughout the building. The identified materials are stored in retail-size containers and their storage is

consistent with normal building cleaning and maintenance activities. No other hazardous material storage was noted.

2.4 Areas of Concern

The AOCs identified for this Site include:

1. Historic fill layer is present across the site to depths as great as 3 ft below grade.
2. Historic use of the site for various commercial and industrial purposes.

Phase 1 Report is presented in Appendix A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Professional (QEP) responsible for preparation of this RIR is Mr. Kevin Brussee of Brussee Environmental Corp.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements, and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

BEC performed the following scope of work within the boundary of the Site in December of 2024 and January 2025:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six soil borings (SB1 through SB6) across the Site and collected twelve soil samples and one duplicate for chemical analysis from the soil borings to evaluate soil quality;
3. The three (3) proposed groundwater monitoring wells were not installed due to multiple refusals throughout the Site. Soil borings SB1 and SB3 hit refusal at a depth of approximately 18 ft below grade and soil borings SB2, SB4, and SB6 each reached a depth of approximately 14 to 15 ft below grade before they hit refusal. Refusal was hit at a depth of approximately 12 ft below grade at soil boring SB5. Hence, no groundwater flow was established, and no groundwater samples were collected for chemical analysis to evaluate groundwater quality;
4. Installed five soil vapor implants (SV1 through SV5) across the Site and collected five soil vapor samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical survey was performed by Coastal Environmental Solutions, Inc. (Coastal) within the portion of the building (dining room) that could be screened. Several rooms/hallways were too small to perform the GPR survey and/or contained too much debris/trash. The GPR survey was performed using a ImpulseRadar PinPointR UWB GPR which utilizes a dual band 400/800 MHz HS antenna mounted to a stroller frame which rolls over the surface. The total depth of penetration achieved with the antenna can be up to 10 feet but widely varies based on site-specific subsurface conditions. Conductive materials in the soil attenuate the GPR signal causing a decrease in effective depth of penetration and clarity. No anomalies indicative of an underground storage tank were noted.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On December 31, 2024, six soil borings (SB1 through SB6) were installed across the Site. The location of each of the soil borings is shown on Figure 5. Each of the six soil borings were performed utilizing a portable Geoprobe™ Model 420M equipped with a 3-ft long macro-core sampler and disposable acetate liners. Refusal was encountered within each soil boring at the following depths: 12 ft (SB5), 14 ft (SB2), 15 ft (SB4, SB6), 18 ft (SB1, SB3). Groundwater was not encountered in any of the six soil borings.

The location of the six soil borings were chosen to gain representative soil quality information for the Site. Access to the rear (southern portion) of the building for sampling was limited due to amount of debris in the hallways/rooms and BEC was unable to utilize the 420M for sampling along the western portion of the building due to a thicker concrete slab along that side of the building. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a PID and visually and olfactorily inspected for evidence of contamination. No PID values above background concentrations were recorded. A shallow soil sample was collected from all six soil borings for laboratory analysis from the interval 0 to 2 ft below sidewalk grade, and a deeper soil sample was collected for laboratory analysis from the intervals 10 to 12 ft below grade from soil borings SB5 and SB6, 12 to 14 ft below grade in soil borings in SB2, SB3 and SB4, and 16 to 18 ft below grade from soil boring SB1.

Soil boring details are provided in Table 1. Boring logs were prepared by a Qualified Environmental Professional and are attached in Appendix B.

Groundwater Monitoring Well Construction

BEC had proposed installation of a temporary monitoring well within any of the attempted soil boring locations. However, groundwater was not encountered within any of the six soil boring locations before refusal was encountered. Refusal was likely due to the limit of the piece of equipment used to perform the soil borings (Geoprobe™ Model 420M) which was required because of the small doorway into the building. Soil boring SB5 achieved a depth of approximately 12 ft below grade, soil boring SB2 achieved a depth of approximately 14 ft below grade, soil borings SB4 and SB6 achieved a depth of approximately 15 ft below grade, and soil

borings SB1 and SB3 achieved a depth of approximately 18 ft below grade. Groundwater is likely present at a depth of 20 ft below grade.

Survey

Soil borings, and soil vapor sampling locations were measured to the nearest 0.10 ft with respect to two or more permanent Site features.

Water Level Measurement

BEC did not encounter groundwater within any of the six soil borings performed at the Site. Therefore, no monitoring wells were installed, and no water level measurements were obtained. Groundwater is likely present at a depth of approximately 20 ft below grade. Regional groundwater flow is likely to the west.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation targeted Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. Media including soil and soil vapor were sampled and evaluated in the RIR. Discrete (grab) samples were used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment and selection of a final remedy.

Soil Sampling

A total of twelve soil samples and one duplicate soil sample was collected for chemical analysis during the RI and one set of trip blanks were included in the submission to the laboratory. Data on soil sample collection for chemical analyses, including dates of collection, analytical results, and sample depths, is reported on Tables 2 through 6. Figure 5 shows the location of samples collected during this RI. Soil exceedances are shown on the attached Figure 6. Laboratories and analytical methods for soil samples collected during the RI are shown below.

The twelve soil samples and duplicate sample were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis with proper chain of custody to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list (TAL) metals. Sample analysis for 1,4-dioxane by EPA Method 8270D (SIM) was performed by Phoenix on sample SB1 (9-11'). Sample analysis for PFAs by EPA method 537 was performed by York Analytical Laboratories, Inc. on SB2 (12-14').

Groundwater Sampling

No groundwater samples were collected for chemical analysis during this RI due to refusal encountered within each of the six soil boring locations.

Soil Vapor Sampling

Five soil vapor probes were installed, and five soil vapor samples (SV1 through SV5) were collected for chemical analysis during the RI. The five soil vapor sampling locations are shown on Figure 5. Soil vapor sample analytical data is reported in Table 7, and the soil vapor sampling logs are included in Appendix C. Methodologies used for soil vapor assessment conform to the *NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006 and the revised NYSDOH Decision Matrices dated May 2017.*

The five soil vapor implants were installed on December 31, 2024. The five soil vapor implants were installed using Geoprobe™ equipment and consisted of Geoprobe™ Model 213859, which are constructed of a 6-inch length of double woven stainless-steel wire. The soil vapor implants were installed to a depth of approximately 12 ft below grade. Each implant was attached to ¼-inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼-inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the implant to a height of approximately 1 foot above the bottom of the probe. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Sampling of the five soil vapor implants was conducted on January 2, 2025. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the soil vapor probe was sealed using a 1 ft by 1 ft square sheet of 2-mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the four soil vapor probes. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field notebook. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approximately 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (Appendix C). Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories -Phyllis Shiller
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007), • VOCs by EPA Method 8260C (rev. 2006) • SVOCs by EPA Method 8270D (rev. 2007) • 1,4-dioxane by EPA Method 8270D (SIM), SB1 (16-18') only • Pesticides by EPA Method 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) Soil Vapor analytical methods: • VOCs by TO-15 parameters

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by York Analytical Laboratories – Sarah Widomski
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was York Analytical Laboratories.
Chemical Analytical Methods	Soil analytical methods SB2 (12-14'): • Per- and Polyfluoroalkyl Substances (PFAS) compounds by EPA Method 537 Modified – Full PFAS Target Analyte List (21 compounds)

Results of Chemical Analyses

Laboratory data for soil and soil vapor are summarized in Tables 2 through 7. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix D and E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

All geological and hydrogeological data presented in this section has been interpreted by the QEP responsible for oversight of this RIR.

Stratigraphy

The stratigraphy of the Site, from the surface down, consists of varying depths of fill (as great as 3 ft below grade) underlain with a native light brown silty sand.

Hydrogeology

Due to multiple refusals encountered across the Site, BEC was unable to install any monitoring wells. Therefore, water level data was not obtained. However, based on the elevation of the Site, groundwater is assumed to be present at a depth of approximately 20 ft below grade. Regional groundwater flow is expected to be to the west.

5.2 Soil Chemistry

Data collected during this Remedial Investigation is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. Summary tables of data for chemical analyses performed on soil samples collected during this investigation is included as Tables 2 through 6. Figure 6 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Unrestricted Use, Residential, and Restricted Residential Use Soil Cleanup Objectives.

Soil/fill samples were collected during the RI and the results were compared to NYSDEC Part 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs) NYSDEC Part 375-6 Residential Soil Cleanup Objectives (RSCOs), and Restricted Use Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples showed the following:

- No VOCs were detected above their UUSCOs within any of the soil samples. However, two VOCs were detected at trace concentrations below UUSCOs. Tetrachloroethene (180 µg/kg) was detected only within the shallow 0-2 ft soil sample collected from soil boring

SB6 and naphthalene (max. of 660 µg/kg) was detected within both the shallow (0-2 ft) and deep (10-12 ft) soil samples collected from soil boring SB6;

- Seven SVOCs including benz(a)anthracene (max of 4,100 µg/kg in SB6 10-12'), benzo(a)pyrene (max. of 3,600 µg/kg in SB6 10-12'), benzo(b)fluoranthene (max. of 4,700 µg/kg in SB6 10-12'), benzo(k)fluoranthene (max. of 1,200 µg/kg in SB6 10-12'), chrysene (max. of 3,900 µg/kg in SB6 10-12'), dibenz(a,h)anthracene (max. of 420 µg/kg in SB6 10-12'), and indeno(1,2,3-cd)pyrene (max. of 1,500 µg/kg in SB6 10-12') were detected above RRSCOs within two of the four shallow (0-2 ft) soil samples and one of the deep soil samples;
- No polychlorinated biphenyls (PCBs) were detected within in any of the soil samples collected at the Site;
- The pesticides 4,4'-DDE (4.4 µg/kg in SB5 0-2') and 4,4'-DDT (7 µg/kg in SB5 0-2') were detected above Unrestricted Use SCOs within one of the six shallow (0-2 ft) soil samples collected at the Site;
- Four Target Analyte List (TAL) metals including copper (max. of 141 mg/kg in SB1 0-2'), lead (max. of 517 mg/kg in SB1 0-2'), mercury (max. of 16 mg/kg in SB6 10-12'), and zinc (max. of 714 mg/kg in SB1 0-2') were detected at concentrations exceeding their UUSCOs. Of these metals, lead and mercury were detected above their respective RRSCOs. Mercury was detected above RRSCOs within two of the six deep soil samples;
- No PFAS compounds were detected above their respective EPA Guidance values within the soil sample retained for analysis; and
- 1,4-Dioxane was not detected within the soil sample retained for analysis; and
- Soil was consistent with historical fill across the Site within the shallow soil samples collected from the 0 to 2 ft interval.

5.3 Groundwater Chemistry

No groundwater samples were collected during the RI as monitoring wells could not be installed due to multiple refusals across the Site.

5.4 Soil Vapor Chemistry

Data collected during this Remedial Investigation is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on all the soil vapor samples collected at the Site is included in Table 7. Figure 7 shows the location and posts the values for soil vapor samples with detected concentrations.

Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guidance Values derived by the New York State Department of Health (NYSDOH) located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006 and the revised NYSDOH Decision Matrices dated May 2017, and the revised Decision Matrices dated February 2024.

- The soil vapor results indicated low to moderate levels of BTEX VOCs and chlorinated VOCs (CVOCs);
- The total concentration of BTEX VOCs (BTEX) ranged from non-detect (SV-3) to 38.57 $\mu g/m^3$ (SV-2);
- No petroleum related VOCs were detected above the monitoring level range established within the NYSDOH soil vapor guidance matrices D, E and F;
- Chlorinated VOC 1,1,1-trichloroethane was detected within two of the five soil vapor samples at a maximum concentration of 14.4 $\mu g/m^3$ in SV-5. Chlorinated VOC, tetrachloroethene (PCE) was detected in all five soil vapor samples (ranging from 26.9 $\mu g/m^3$ in SV-1 to 75.9 $\mu g/m^3$ in SV-5). Chlorinated VOC trichloroethene (TCE) was detected in all three soil vapor samples (ranging from 19.8 $\mu g/m^3$ in SV-1 to 37 $\mu g/m^3$ in SV-3);
- Cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride, methylene chloride, and vinyl chloride were not detected within any of the soil vapor samples.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected for the Site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

TABLES

Table 1
60 N 1st Street
Brooklyn, New York
Soil Boring Information

SAMPLE ID	Date	Total Depth (ft. bsg.)	Total Depth (ft. bcg.)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)	Survey Reading	Survey Elevation	GW ELV
SB1 2024	12/31/2024	18	-	2	Geoprobe	-	-	-	-	-
SB2 2024	12/31/2024	14	-	2	Geoprobe	-	-	-	-	-
SB3 2024	12/31/2024	18	-	2	Geoprobe	-	-	-	-	-
SB4 2024	12/31/2024	15	-	2	Geoprobe	-	-	-	-	-
SB5 2024	12/31/2024	12	-	2	Geoprobe	-	-	-	-	-
SB6 2024	12/31/2024	15	-	2	Geoprobe	-	-	-	-	-

Table 2
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1 2024				SB2 2024				SB3 2024			
				(0-2')		(16-18')		(0-2')		(12-14')		(0-2')		(12-14')	
				12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024	
	µg/Kg	µg/Kg	µg/Kg	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane				< 5.8	5.8	< 27	27	< 5.7	5.7	< 23	23	< 39	39	< 24	24
1,1,1-Trichloroethane	680	100,000	100,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,1,2,2-Tetrachloroethane				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,1,2-Trichloroethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,1-Dichloroethane	270	19,000	26,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,1-Dichloroethene	330	100,000	100,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,1-Dichloropropene				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2,3-Trichlorobenzene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2,3-Trichloropropane				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2,4-Trichlorobenzene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2,4-Trimethylbenzene	3,600	47,000	52,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2-Dibromo-3-chloropropane				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2-Dibromoethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2-Dichlorobenzene	1,100	100,000	100,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2-Dichloroethane	20	2,300	3,100	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,2-Dichloropropane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,3,5-Trimethylbenzene	8,400	47,000	52,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,3-Dichlorobenzene	2,400	17,000	4,900	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,3-Dichloropropane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
1,4-dioxane				< 86	86	< 100	100	< 86	86	< 87	87	< 100	100	< 92	92
1,4-Dichlorobenzene	1,800	9,800	13,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
2,2-Dichloropropane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
2-Chlorotoluene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
2-Hexanone (Methyl Butyl Ketone)				< 29	29	< 34	34	< 29	29	< 29	29	< 48	48	< 31	31
2-Isopropyltoluene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
4-Chlorotoluene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
4-Methyl-2-Pentanone				< 29	29	< 34	34	< 29	29	< 29	29	< 48	48	< 31	31
Acetone	50	100,000	100,000	< 29	29	< 34	34	**42**	29	< 29	29	< 48	48	< 31	31
Acrolein				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Acrylonitrile				< 12	12	< 27	27	< 23	23	< 23	23	< 19	19	< 24	24
Benzene	60	2,900	4,800	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Bromobenzene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Bromochloromethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Bromodichloromethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Bromoform				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Bromomethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Carbon Disulfide				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Carbon tetrachloride	760	1,400	2,400	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Chlorobenzene	1,100	100,000	100,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Chloroethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Chloroform	370	10,000	49,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Chloromethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
cis-1,2-Dichloroethene	250	59,000	100,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
cis-1,3-Dichloropropene				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Dibromochloromethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Dibromomethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Dichlorodifluoromethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Ethylbenzene	1,000	30,000	41,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Hexachlorobutadiene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Isopropylbenzene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
m&p-Xylenes	260		100,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Methyl Ethyl Ketone (2-Butanone)	120	100,000	100,000	< 29	29	< 34	34	< 29	29	< 29	29	< 48	48	< 31	31
Methyl t-butyl ether (MTBE)	930	62,000	100,000	< 12	12	< 14	14	< 11	11	< 12	12	< 19	19	< 12	12
Methylene chloride	50	51,000	100,000	< 12	12	< 14	14	< 11	11	< 12	12	< 19	19	< 12	12
Naphthalene	12,000	100,000	100,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
n-Butylbenzene	12,000		100,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
n-Propylbenzene	3,900	100,000	100,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
o-Xylene	260		100,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
p-Isopropyltoluene				< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
sec-Butylbenzene	11,000	100,000	100,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Styrene				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
tert-Butyl alcohol				< 120	120	< 140	140	< 110	110	< 120	120	< 190	190	< 120	120
tert-Butylbenzene	5,900	100,000	100,000	< 5.8	5.8	< 410	410	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Tetrachloroethene	1,300	5,500	19,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Tetrahydrofuran (THF)				< 12	12	< 14	14	< 11	11	< 12	12	< 19	19	< 12	12
Toluene	700	100,000	100,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
trans-1,2-Dichloroethene	190	100,000	100,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
trans-1,3-Dichloropropene				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
trabs-1,4-dichloro-2-butene				< 12	12	< 810	810	< 11	11	< 12	12	< 19	19	< 12	12
Trichloroethene	470	10,000	21,000	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Trichlorofluoromethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Trichlorotrifluoroethane				< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Vinyl Chloride	20	210	900	< 5.8	5.8	< 6.8	6.8	< 5.7	5.7	< 5.8	5.8	< 9.7	9.7	< 6.1	6.1
Total BTEX Concentration				**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	
Total VOCs Concentration				**0.0**		**0.0**		**42.0**		**0.0**		**0.0**		**0.0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RSCO Guidance Value

Table 2
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB4 2024				SB5 2024				SB6 2024				Dupilicate	
				(0-2')		(12-14')		(0-2')		(10-12')		(0-2')		(10-12')		SB5 2024 (10-12')	
				12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	µg/Kg	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane				< 27	27	< 29	29	< 5.7	5.7	< 24	24	< 11	11	< 29	29	< 7.0	7.0
1,1,1-Trichloroethane	680	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,1,2,2-Tetrachloroethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,1,2-Trichloroethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,1-Dichloroethane	270	19,000	26,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,1-Dichloroethene	330	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,1-Dichloropropene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,2,3-Trichlorobenzene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,2,3-Trichloropropane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,2,4-Trichlorobenzene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,2,4-Trimethylbenzene	3,600	47,000	52,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,2-Dibromo-3-chloropropane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,2-Dibromoethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,2-Dichlorobenzene	1,100	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,2-Dichloroethane	20	2,300	3,100	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,2-Dichloropropane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,3,5-Trimethylbenzene	8,400	47,000	52,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,3-Dichlorobenzene	2,400	17,000	4,900	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
1,3-Dichloropropane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
1,4-dioxane				< 100	100	< 100	100	< 86	86	< 88	88	< 100	100	< 100	100	< 100	100
1,4-Dichlorobenzene	1,800	9,800	13,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
2,2-Dichloropropane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
2-Chlorotoluene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
2-Hexanone (Methyl Butyl Ketone)				< 34	34	< 36	36	< 29	29	< 29	29	< 53	53	< 36	36	< 35	35
2-Isopropyltoluene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
4-Chlorotoluene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
4-Methyl-2-Pentanone				< 34	34	< 36	36	< 29	29	< 29	29	< 53	53	< 36	36	< 35	35
Acetone	50	100,000	100,000	< 34	34	< 36	36	< 29	29	< 29	29	< 50	50	< 36	36	< 35	35
Acrolein				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Acrylonitrile				< 13	13	< 29	29	< 23	23	< 24	24	< 21	21	< 29	29	< 28	28
Benzene	60	2,900	4,800	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Bromobenzene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
Bromochloromethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Bromodichloromethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Bromoform				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Bromomethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Carbon Disulfide				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Carbon tetrachloride	760	1,400	2,400	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Chlorobenzene	1,100	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Chloroethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Chloroform	370	10,000	49,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Chloromethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
cis-1,2-Dichloroethene	250	59,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
cis-1,3-Dichloropropene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Dibromochloromethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Dibromomethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Dichlorodifluoromethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Ethylbenzene	1,000	30,000	41,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Hexachlorobutadiene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
Isopropylbenzene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
m&p-Xylenes	260		100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Methyl Ethyl Ketone (2-Butanone)	120	100,000	100,000	< 34	34	< 36	36	< 29	29	< 29	29	< 53	53	< 36	36	< 35	35
Methyl t-butyl ether (MTBE)	930	62,000	100,000	< 13	13	< 14	14	< 11	11	< 12	12	< 21	21	< 14	14	< 14	14
Methylene chloride	50	51,000	100,000	< 13	13	< 14	14	< 11	11	< 12	12	< 21	21	< 14	14	< 14	14
Naphthalene	12,000	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	**660**	360	**570**	500	< 7.0	7.0
n-Butylbenzene	12,000		100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
n-Propylbenzene	3,900	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
o-Xylene	260		100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
p-Isopropyltoluene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
sec-Butylbenzene	11,000	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
Styrene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
tert-Butyl alcohol				< 130	130	< 140	140	< 110	110	< 120	120	< 210	210	< 140	140	< 140	140
tert-Butylbenzene	5,900	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 840	840	< 7.0	7.0
Tetrachloroethene	1,300	5,500	19,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	**180**	140	< 7.1	7.1	< 7.0	7.0
Tetrahydrofuran (THF)				< 13	13	< 14	14	< 11	11	< 12	12	< 21	21	< 14	14	< 14	14
Toluene	700	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
trans-1,2-Dichloroethene	190	100,000	100,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
trans-1,3-Dichloropropene				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
trabs-1,4-dichloro-2-butene				< 13	13	< 14	14	< 11	11	< 12	12	< 21	21	< 1700	1,700	< 14	14
Trichloroethene	470	10,000	21,000	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Trichlorofluoromethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Trichlorotrifluoroethane				< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Vinyl Chloride	20	210	900	< 6.7	6.7	< 7.2	7.2	< 5.7	5.7	< 5.9	5.9	< 11	11	< 7.1	7.1	< 7.0	7.0
Total BTEX Concentration				**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	
Total VOCs Concentration				**0.0**		**0.0**		**0.0**		**0.0**		**840.0**		**570.0**		**0.0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RSCO Guidance Value

Table 3
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1 2024				SB2 2024				SB3 2024			
				(0-2')		(16-18')		(0-2')		(12-14')		(0-2')		(12-14')	
				12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	µg/Kg	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
1,2,4-Trichlorobenzene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
1,2-Dichlorobenzene	1,100	100,000	100,000	< 1100	1,100	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
1,2-Diphenylhydrazine				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
1,3-Dichlorobenzene	2,400	17,000	49,000	< 2400	2,400	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
1,4-Dichlorobenzene	1,800	9,800	13,000	< 1800	1,800	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2,2'-Oxybis(1-Chloropropane)				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2,4,5-Trichlorophenol				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2,4,6-Trichlorophenol				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2,4-Dichlorophenol				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2,4-Dimethylphenol				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2,4-Dinitrophenol				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
2,4-Dinitrotoluene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2,6-Dinitrotoluene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2-Chloronaphthalene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2-Chlorophenol				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2-Methylnaphthalene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2-Methylphenol (o-cresol)	330	100,000	100,000	< 330	330	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
2-Nitroaniline				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
2-Nitrophenol				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
3&4-Methylphenol (m&p-cresol)	330			< 330	330	< 330	330	< 330	330	< 330	330	< 330	330	< 330	330
3,3'-Dichlorobenzidine				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
3-Nitroaniline				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
4,6-Dinitro-2-methylphenol				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
4-Bromophenyl phenyl ether				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
4-Chloro-3-methylphenol				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
4-Chloroaniline				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
4-Chlorophenyl phenyl ether				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
4-Nitroaniline				< 5700	5,700	< 550	550	< 580	580	< 540	540	< 530	530	< 540	540
4-Nitrophenol				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Acenaphthene	20,000	100,000	100,000	< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Acenaphthylene	100,000	100,000	100,000	< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Acetophenone				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Aniline				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Anthracene	100,000	100,000	100,000	< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Benz(a)anthracene	1,000	1,000	1,000	< 1000	1,000	< 240	240	**810**	250	< 240	240	< 230	230	< 240	240
Benzidine				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Benzo(a)pyrene	1,000	1,000	1,000	< 1000	1,000	< 240	240	**730**	250	< 240	240	< 230	230	< 240	240
Benzo(b)fluoranthene	1,000	1,000	1,000	< 1000	1,000	< 240	240	**930**	250	< 240	240	< 230	230	< 240	240
Benzo(ghi)perylene	100,000	100,000	100,000	< 2500	2,500	< 240	240	**380**	250	< 240	240	< 230	230	< 240	240
Benzo(k)fluoranthene	800	1000	3,900	< 800	800	< 240	240	**330**	250	< 240	240	< 230	230	< 240	240
Benzoic acid				< 7100	7,100	< 690	690	< 720	720	< 680	680	< 660	660	< 670	670
Benzyl butyl phthalate				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Bis(2-chloroethoxy)methane				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Bis(2-chloroethyl)ether				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Bis(2-ethylhexyl)phthalate				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Carbazole				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Chrysene	1,000	1,000	3,900	< 1000	1,000	< 240	240	**750**	250	< 240	240	< 230	230	< 240	240
Dibenz(a,h)anthracene	330	330	330	< 330	330	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Dibenzofuran	7,000	14,000	59,000	< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Diethyl phthalate				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Dimethylphthalate				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Di-n-butylphthalate				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Di-n-octylphthalate				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Fluoranthene	100,000	100,000	100,000	< 2500	2,500	< 240	240	**1,800**	250	< 240	240	< 230	230	< 240	240
Fluorene	30,000	100,000	100,000	< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Hexachlorobenzene	330	330	1200	< 330	330	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Hexachlorobutadiene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Hexachlorocyclopentadiene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Hexachloroethane				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Indeno(1,2,3-cd)pyrene	500	500	500	< 500	500	< 240	240	**400**	250	< 240	240	< 230	230	< 240	240
Isophorone				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Naphthalene	12,000	100,000	100,000	< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Nitrobenzene				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
N-Nitrosodimethylamine				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
N-Nitrosodi-n-propylamine				< 2500	2,500	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
N-Nitrosodiphenylamine				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Pentachloronitrobenzene				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Pentachlorophenol	800	2,400	6,700	< 800	800	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Phenanthrene	100,000	100,000	100,000	< 2500	2,500	< 240	240	**1,000**	250	< 240	240	< 230	230	< 240	240
Phenol	330	100,000	100,000	< 330	330	< 240	240	< 250	250	< 240	240	< 230	230	< 240	240
Pyrene	100,000	100,000	100,000	< 2500	2,500	< 240	240	**1,400**	250	< 240	240	< 230	230	< 240	240
Pyridine				< 3500	3,500	< 340	340	< 360	360	< 340	340	< 330	330	< 340	340
Total SVOCs				0.0		0.0		8,530.0		0.0		0.0		0.0	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RSCO Guidance Value

Table 3
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB4 2024				SB5 2024				SB6 2024				Dupilicate	
				(0-2')		(12-14')		(0-2')		(10-12')		(0-2')		(10-12')		SB5 2024 (10-12')	
				12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	µg/Kg	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
1,2,4-Trichlorobenzene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
1,2-Dichlorobenzene	1,100	100,000	100,000	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
1,2-Diphenylhydrazine				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
1,3-Dichlorobenzene	2,400	17,000	49,000	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
1,4-Dichlorobenzene	1,800	9,800	13,000	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2,2'-Oxybis(1-Chloropropane)				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2,4,5-Trichlorophenol				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2,4,6-Trichlorophenol				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2,4-Dichlorophenol				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2,4-Dimethylphenol				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2,4-Dinitrophenol				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
2,4-Dinitrotoluene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2,6-Dinitrotoluene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2-Chloronaphthalene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2-Chlorophenol				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2-Methylnaphthalene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	**330**	250	< 240	240
2-Methylphenol (o-cresol)	330	100,000	100,000	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
2-Nitroaniline				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
2-Nitrophenol				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
3&4-Methylphenol (m&p-cresol)	330			< 330	330	< 330	330	< 330	330	< 330	330	< 330	330	< 330	330	< 330	330
3,3'-Dichlorobenzidine				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
3-Nitroaniline				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
4,6-Dinitro-2-methylphenol				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
4-Bromophenyl phenyl ether				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
4-Chloro-3-methylphenol				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
4-Chloroaniline				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
4-Chlorophenyl phenyl ether				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
4-Nitroaniline				< 580	580	< 540	540	< 560	560	< 540	540	< 550	550	< 580	580	< 540	540
4-Nitrophenol				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Acenaphthene	20,000	100,000	100,000	< 260	260	< 240	240	**410**	240	< 240	240	**300**	240	**730**	250	< 240	240
Acenaphthylene	100,000	100,000	100,000	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Acetophenone				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Aniline				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
Anthracene	100,000	100,000	100,000	< 260	260	< 240	240	**1,100**	240	< 240	240	**410**	240	**1,300**	250	< 240	240
Benz(a)anthracene	1,000	1,000	1,000	< 260	260	< 240	240	**2,200**	240	< 240	240	**1,200**	240	**4,100**	250	< 240	240
Benzidine				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Benzo(a)pyrene	1,000	1,000	1,000	< 260	260	< 240	240	**1,900**	240	< 240	240	**1,100**	240	**3,600**	250	< 240	240
Benzo(b)fluoranthene	1,000	1,000	1,000	< 260	260	< 240	240	**2,100**	240	< 240	240	**1,300**	240	**4,700**	250	< 240	240
Benzo(ghi)perylene	100,000	100,000	100,000	< 260	260	< 240	240	**960**	240	< 240	240	**570**	240	**1,700**	250	< 240	240
Benzo(k)fluoranthene	800	1000	3,900	< 260	260	< 240	240	**600**	240	< 240	240	**400**	240	**1,200**	250	< 240	240
Benzoic acid				< 730	730	< 670	670	< 700	700	< 670	670	< 690	690	< 730	730	< 680	680
Benzyl butyl phthalate				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	**2,900**	250	< 240	240
Bis(2-chloroethoxy)methane				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Bis(2-chloroethyl)ether				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
Bis(2-ethylhexyl)phthalate				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
Carbazole				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	**630**	360	< 340	340
Chrysene	1,000	1,000	3,900	< 260	260	< 240	240	**1,800**	240	< 240	240	**1,100**	240	**3,900**	250	< 240	240
Dibenz(a,h)anthracene	330	330	330	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	**420**	250	< 240	240
Dibenzofuran	7,000	14,000	59,000	< 260	260	< 240	240	**330**	240	< 240	240	< 240	240	**580**	250	< 240	240
Diethyl phthalate				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Dimethylphthalate				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Di-n-butylphthalate				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
Di-n-octylphthalate				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Fluoranthene	100,000	100,000	100,000	< 260	260	< 240	240	**5,600**	240	< 240	240	**2,800**	240	**8,700**	1,300	< 240	240
Fluorene	30,000	100,000	100,000	< 260	260	< 240	240	**340**	240	< 240	240	< 240	240	**560**	250	< 240	240
Hexachlorobenzene	330	330	1200	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Hexachlorobutadiene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Hexachlorocyclopentadiene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Hexachloroethane				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Indeno(1,2,3-cd)pyrene	500	500	500	< 260	260	< 240	240	**910**	240	< 240	240	**530**	240	**1,500**	250	< 240	240
Isophorone				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Naphthalene	12,000	100,000	100,000	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	**610**	250	< 240	240
Nitrobenzene				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
N-Nitrosodimethylamine				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
N-Nitrosodi-n-propylamine				< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
N-Nitrosodiphenylamine				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
Pentachloronitrobenzene				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
Pentachlorophenol	800	2,400	6,700	< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
Phenanthrene	100,000	100,000	100,000	< 260	260	< 240	240	**6,200**	1,200	< 240	240	**3,300**	240	**9,200**	1,300	< 240	240
Phenol	330	100,000	100,000	< 260	260	< 240	240	< 240	240	< 240	240	< 240	240	< 250	250	< 240	240
Pyrene	100,000	100,000	100,000	< 260	260	< 240	240	**5,000**	240	< 240	240	**2,300**	240	**8,200**	1,300	< 240	240
Pyridine				< 370	370	< 340	340	< 350	350	< 340	340	< 340	340	< 360	360	< 340	340
Total SVOCs				**0.0**		**0.0**		**29,450.0**		**0.0**		**15,310.0**		**54,860.0**		**0.0**	

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

- Not Analyzed

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RSCO Guidance Value

Table 4
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1 2024				SB2 2024				SB3 2024			
					(0-2')		(16-18')		(0-2')		(12-14')		(0-2')		(12-14')	
					12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		µg/Kg	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	2,600	13,000	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.0	2.0	< 2.0	2.0	< 2.0	2.0
	4,4' -DDE	3.3	1,800	8,900	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.0	2.0	< 2.0	2.0	< 2.0	2.0
	4,4' -DDT	3.3	1,700	7,900	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.0	2.0	< 2.0	2.0	< 2.0	2.0
	a-BHC	20	97	480	< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	a-Chlordane	94	910	4,200	< 3.5	3.5	< 3.4	3.4	< 3.6	3.6	< 3.4	3.4	< 3.3	3.3	< 3.4	3.4
	Aldrin	5	19	97	< 3.5	3.5	< 3.4	3.4	< 3.6	3.6	< 3.4	3.4	< 3.3	3.3	< 3.4	3.4
	b-BHC	36	72	360	< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Chlordane				< 35	35	< 34	34	< 36	36	< 34	34	< 33	33	< 34	34
	d-BHC	40	100,000	100,000	< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Dieldrin	5	39	200	< 3.5	3.5	< 3.4	3.4	< 3.6	3.6	< 3.4	3.4	< 3.3	3.3	< 3.4	3.4
	Endosulfan I	2,400	4,800	24,000	< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Endosulfan II	2,400	4,800	24,000	< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Endosulfan sulfate	2,400	4,800	24,000	< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Endrin	14	2,200	11,000	< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Endrin aldehyde				< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Endrin ketone				< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	g-BHC				< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3
	g-Chlordane				< 3.5	3.5	< 3.4	3.4	< 3.6	3.6	< 3.4	3.4	< 3.3	3.3	< 3.4	3.4
	Heptachlor	42	420	2,100	< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Heptachlor epoxide				< 7.1	7.1	< 6.9	6.9	< 7.2	7.2	< 6.8	6.8	< 6.6	6.6	< 6.7	6.7
	Methoxychlor				< 35	35	< 34	34	< 36	36	< 34	34	< 33	33	< 34	34
	Toxaphene				< 140	140	< 140	140	< 140	140	< 140	140	< 130	130	< 130	130
PCBs	PCB-1016	100	1,000	1,000	< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67
	PCB-1221	100	1,000	1,000	< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67
	PCB-1232	100	1,000	1,000	< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67
	PCB-1242	100	1,000	1,000	< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67
	PCB-1248	100	1,000	1,000	< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67
	PCB-1254	100	1,000	1,000	< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67
	PCB-1260	100	1,000	1,000	< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67
	PCB-1262	100	1,000		< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67
	PCB-1268	100	1,000		< 71	71	< 69	69	< 72	72	< 68	68	< 66	66	< 67	67

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

NA - Not Analyzed

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RSCO Guidance Value

Table 4
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Pesticides PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB4 2024				SB5 2024				SB6 2024				Dupilicate	
					(0-2')		(12-14')		(0-2')		(10-12')		(0-2')		(10-12')		SB5 2024 (10-12')	
					12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024	
					µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		µg/Kg	µg/Kg	µg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	2,600	13,000	< 2.2	2.2	< 2.0	2.0	< 2.1	2.1	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.0	2.0
	4,4' -DDE	3.3	1,800	8,900	< 2.2	2.2	< 2.0	2.0	**4.4**	2.1	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.0	2.0
	4,4' -DDT	3.3	1,700	7,900	< 2.2	2.2	< 2.0	2.0	**7**	2.1	< 2.1	2.1	< 2.1	2.1	< 2.2	2.2	< 2.0	2.0
	a-BHC	20	97	480	< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	a-Chlordane	94	910	4,200	< 3.6	3.6	< 3.3	3.3	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.6	3.6	< 3.3	3.3
	Aldrin	5	19	97	< 3.6	3.6	< 3.3	3.3	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.6	3.6	< 3.3	3.3
	b-BHC	36	72	360	< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Chlordane				< 36	36	< 33	33	< 35	35	< 34	34	< 35	35	< 36	36	< 33	33
	d-BHC	40	100,000	100,000	< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Dieldrin	5	39	200	< 3.6	3.6	< 3.3	3.3	< 3.5	3.5	< 3.4	3.4	< 3.5	3.5	< 3.6	3.6	< 3.3	3.3
	Endosulfan I	2,400	4,800	24,000	< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Endosulfan II	2,400	4,800	24,000	< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Endosulfan sulfate	2,400	4,800	24,000	< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Endrin	14	2,200	11,000	< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Endrin aldehyde				< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Endrin ketone				< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	g-BHC				< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.3	1.3
	g-Chlordane				< 3.6	3.6	< 3.3	3.3	< 8.0	8.0	< 3.4	3.4	< 3.5	3.5	< 3.6	3.6	< 3.3	3.3
	Heptachlor	42	420	2,100	< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Heptachlor epoxide				< 7.2	7.2	< 6.7	6.7	< 6.9	6.9	< 6.9	6.9	< 6.9	6.9	< 7.2	7.2	< 6.7	6.7
	Methoxychlor				< 36	36	< 33	33	< 35	35	< 34	34	< 35	35	< 36	36	< 33	33
	Toxaphene				< 140	140	< 130	130	< 140	140	< 140	140	< 140	140	< 140	140	< 130	130
PCBs	PCB-1016	100	1,000	1,000	< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67
	PCB-1221	100	1,000	1,000	< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67
	PCB-1232	100	1,000	1,000	< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67
	PCB-1242	100	1,000	1,000	< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67
	PCB-1248	100	1,000	1,000	< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67
	PCB-1254	100	1,000	1,000	< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67
	PCB-1260	100	1,000	1,000	< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67
	PCB-1262	100	1,000		< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67
	PCB-1268	100	1,000		< 72	72	< 67	67	< 69	69	< 69	69	< 69	69	< 72	72	< 67	67

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

NA - Not Analyzed

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RSCO Guidance Value

Table 5
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB1 2024				SB2 2024				SB3 2024			
				(0-2')		(16-18')		(0-2')		(12-14')		(0-2')		(12-14')	
				12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	mg/Kg	mg/Kg	mg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum				**9,930**	54	**3,020**	5.1	**7,360**	5.9	**4,220**	5.0	**3,420**	4.8	**2,830**	4.9
Antimony				< 3.6	3.6	< 3.4	3.4	< 3.9	3.9	< 3.3	3.3	< 3.2	3.2	< 3.3	3.3
Arsenic	13	16	16	**7.46**	0.72	**1.7**	0.67	**4.43**	0.78	**0.85**	0.67	**1.97**	0.64	**0.85**	0.65
Barium	350	350	400	**177**	0.36	**34.9**	0.34	**55.5**	0.39	**40**	0.33	**27.3**	0.32	**29.7**	0.33
Beryllium	7.2	14	72	**0.49**	0.29	**0.31**	0.27	**0.44**	0.31	**0.32**	0.27	< 0.26	0.26	< 0.26	0.26
Cadmium	2.5	2.5	4.3	**1.75**	0.36	< 0.34	0.34	< 0.39	0.39	< 0.33	0.33	< 0.32	0.32	< 0.33	0.33
Calcium				**2,870**	5.4	**2,080**	5.1	**1,290**	5.9	**1,330**	5.0	**1,400**	4.8	**6,800**	4.9
Chromium	30	36	180	**43.5**	0.36	**9.2**	0.34	**18.1**	0.39	**10.1**	0.33	**10.5**	0.32	**7.32**	0.33
Cobalt				**7**	0.36	**6.84**	0.34	**6.18**	0.39	**5.33**	0.33	**4.51**	0.32	**4.14**	0.33
Copper	50	270	270	**141**	0.7	**11.7**	0.7	**52.2**	0.8	**11.4**	0.7	**24.9**	0.6	**8.9**	0.7
Iron				**61,600**	54	**10,800**	51	**21,000**	59	**13,200**	50	**13,400**	48	**8,020**	4.9
Lead	63	400	400	**517**	0.36	**4.14**	0.34	**59.1**	0.39	**4.59**	0.33	**12.8**	0.32	**3.9**	0.33
Magnesium				**1,650**	5.4	**2,330**	5.1	**2,150**	5.9	**1,930**	5.0	**2,000**	4.8	**3,710**	4.9
Manganese	1,600	2,000	2,000	**325**	0.36	**394**	0.34	**206**	0.39	**271**	0.33	**157**	0.32	**210**	0.33
Mercury	0.18	0.81	0.81	**1.09**	0.03	**6.57**	0.61	**8.1**	0.64	**0.06**	0.03	**12.6**	0.66	**0.24**	0.02
Nickel	30	140	310	**22.8**	0.36	**23.9**	0.34	**13.8**	0.39	**8.7**	0.33	**11.7**	0.32	**15.4**	0.33
Potassium				**1,010**	54	**668**	5.1	**992**	59	**1,310**	50	**898**	48	**733**	49
Selenium	3.9	36	180	< 1.4	1.4	< 1.3	1.3	< 1.6	1.6	< 1.3	1.3	< 1.3	1.3	< 1.3	1.3
Silver	2	36	180	< 0.36	0.36	< 0.34	0.34	< 0.39	0.39	< 0.33	0.33	< 0.32	0.32	< 0.33	0.33
Sodium				**206**	5.4	**134**	5.1	**123**	5.9	**145**	5.0	**157**	4.8	**101**	4.9
Thallium				< 3.3	3.3	< 3.0	3.0	< 3.5	3.5	< 3.0	3.0	< 2.9	2.9	< 2.9	2.9
Vanadium				**54.5**	0.36	**20.7**	0.34	**28.7**	0.39	**17.4**	0.33	**21.8**	0.32	**13.4**	0.33
Zinc	109	2,200	10,000	**714**	0.7	**82.9**	0.7	**70.5**	0.8	**21.1**	0.7	**30.4**	0.6	**18.5**	0.7

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RSCO Guidance Value

Table 5
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Residential Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SB4 2024				SB5 2024				SB6 2024				Dupilicate	
				(0-2')		(12-14')		(0-2')		(10-12')		(0-2')		(10-12')		SB5 2024 (10-12')	
				12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024		12/31/2024	
				µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
	mg/Kg	mg/Kg	mg/Kg	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum				**11,200**	56	**2,550**	5.0	**5,180**	5.0	**2,910**	5.2	**6,520**	5.5	**2,980**	5.0	**4,570**	4.7
Antimony				< 3.8	3.8	< 3.3	3.3	< 3.4	3.4	< 3.5	3.5	< 3.7	3.7	< 3.3	3.3	< 3.1	3.1
Arsenic	13	16	16	**2.48**	0.75	< 0.66	0.66	**2.58**	0.67	**1.48**	0.70	**4.11**	0.73	**1.29**	0.66	**2.19**	0.62
Barium	350	350	400	**51.6**	0.38	**39.3**	0.33	**39.6**	0.34	**18.1**	0.35	**70.5**	0.37	**24.7**	0.33	**39.4**	0.31
Beryllium	7.2	14	72	**0.58**	0.30	< 0.26	0.26	**0.33**	0.27	< 0.28	0.28	**0.36**	0.29	< 0.26	0.26	**0.27**	0.25
Cadmium	2.5	2.5	4.3	< 0.38	0.38	< 0.33	0.33	**1.13**	0.34	< 0.35	0.35	**1.83**	0.37	< 0.33	0.33	**0.92**	0.31
Calcium				**906**	5.6	**5,970**	5.0	**8,790**	5.0	**1,470**	5.2	**19,000**	55	**4,710**	5.0	**7,180**	4.7
Chromium	30	36	180	**20.3**	0.38	**5.36**	0.33	**14.7**	0.34	**9.07**	0.35	**21.5**	0.37	**6.91**	0.33	**14.8**	0.31
Cobalt				**9.25**	0.38	**2.91**	0.33	**7.11**	0.34	**5.31**	0.35	**6.2**	0.37	**3.17**	0.33	**5.56**	0.31
Copper	50	270	270	**18**	0.8	**5.6**	0.7	**48.3**	0.7	**10.6**	0.7	**50.2**	0.7	**11.4**	0.7	**76.1**	0.6
Iron				**21,900**	56	**5,710**	5.0	**17,800**	50	**11,100**	52	**17,000**	55	**7,820**	5.0	**11,800**	47
Lead	63	400	400	**9.63**	0.38	**2.08**	0.33	**42**	0.34	**4.19**	0.35	**111**	0.37	**21.8**	0.33	**53.3**	0.31
Magnesium				**2,690**	5.6	**2,880**	5.0	**2,370**	5.0	**1,880**	5.2	**4,240**	5.5	**2,710**	5.0	**2,430**	4.7
Manganese	1,600	2,000	2,000	**438**	0.38	**178**	0.33	**241**	0.34	**215**	0.35	**237**	0.37	**154**	0.33	**197**	0.31
Mercury	0.18	0.81	0.81	**0.19**	0.03	< 0.03	0.03	**3.19**	0.13	< 0.02	0.02	**4.23**	0.13	**16**	0.70	< 0.03	0.03
Nickel	30	140	310	**15.2**	0.38	**12.9**	0.33	**14**	0.34	**16.4**	0.35	**16.1**	0.37	**13.6**	0.33	**16.1**	0.31
Potassium				**1,450**	56	**608**	5.0	**1,180**	50	**659**	5.2	**1,250**	55	**763**	50	**1,060**	47
Selenium	3.9	36	180	< 1.5	1.5	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.5	1.5	< 1.3	1.3	< 1.2	1.2
Silver	2	36	180	< 0.38	0.38	< 0.33	0.33	< 0.34	0.34	< 0.35	0.35	< 0.37	0.37	< 0.33	0.33	< 0.31	0.31
Sodium				**122**	5.6	**94.3**	5.0	**284**	5.0	**108**	5.2	**453**	5.5	**106**	5.0	**279**	4.7
Thallium				< 3.4	3.4	< 3.0	3.0	< 3.0	3.0	< 3.1	3.1	< 3.3	3.3	< 3.0	3.0	< 2.8	2.8
Vanadium				**29.8**	0.38	**7.37**	0.33	**29.5**	0.34	**25**	0.35	**25**	0.37	**10.2**	0.33	**21.3**	0.31
Zinc	109	2,200	10,000	**73.8**	0.8	**12.7**	0.7	**126**	0.7	**18.2**	0.7	**99.2**	0.7	**34.9**	0.7	**143**	0.6

Notes:

* - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

RL - Reporting Limit

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Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RSCO Guidance Value

Table 6
60 N 1st Street
Brooklyn, New York
Remedial Investigation Soil Analytical Results
Emerging Contaminants

Compound	SB2 2024		
	(12-14')		
	12/31/2024		
	µg/Kg		
	Result	DL	RL
11CL-PF3OUdS	ND	0.319	0.775
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.774	0.787
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.610	0.769
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.769	0.779
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	1.54	5.13
3-Perfluoropentyl propanoic acid (FPePA)	ND	2.15	5.13
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.650	1.03
9CL-PF3ONS	ND	0.252	0.767
ADONA	ND	0.178	0.775
d3-N-MeFOSAA	**4.18**	-	-
d5-N-EtFOSAA	**4.62**	-	-
d7-N-MeFOSE	**27.2**	-	-
d9-N-EtFOSE	**26.2**	-	-
d-N-EtFOSA	**1.72**	-	-
d-N-MeFOSA	**1.52**	-	-
HFPO-DA (Gen-X)	ND	0.623	0.820
M2-4:2 FTS	**1.39**	-	-
M2-6:2 FTS	**2.33**	-	-
M2-8:2 FTS	**3.22**	-	-
M2PFTeDA	**0.73**	-	-
M3HFPO-DA	**7.62**	-	-
M3PFBS	**1.78**	-	-
M3PFHxS	**2.38**	-	-
M4PFHpA	**2.69**	-	-
M5PFHxA	**2.13**	-	-
M6PFDA	**1.2**	-	-
M7PFUdA	**1.21**	-	-
M9PFNA	**1.12**	-	-
N-EtFOSA	ND	0.203	0.205
N-EtFOSAA	ND	0.199	0.205
N-EtFOSE	ND	0.715	2.05
N-MeFOSA	ND	0.185	0.205
N-MeFOSAA	ND	0.152	0.205
N-MeFOSE	ND	0.626	2.05
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.142	0.365
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	**1.99**	-	-
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	**2.08**	-	-
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.196	0.198
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.159	0.205
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.127	0.197
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.150	0.205
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.161	0.193
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.198	0.410
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.0636	0.410
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.0984	0.410
Perfluorobutanesulfonic acid (PFBS)	ND	0.114	0.181
Perfluorodecanoic acid (PFDA)	ND	0.196	0.205
Perfluorododecanesulfonic acid (PFDoS)	ND	0.173	0.199
Perfluorododecanoic acid (PFDoA)	ND	0.167	0.205
Perfluoroheptanoic acid (PFHpA)	ND	0.108	0.205
Perfluorohexanesulfonic acid (PFHxS)	ND	0.184	0.188
Perfluorohexanoic acid (PFHxA)	ND	0.0543	0.205
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	**1.08**	-	-
Perfluoro-n-[13C4]butanoic acid (MPFBA)	**0.251**	-	-
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	**0.434**	-	-
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	**2.44**	-	-
Perfluoro-n-butanoic acid (PFBA)	ND	0.112	0.820
Perfluorononanoic acid (PFNA)	ND	0.194	0.205
Perfluorooctanesulfonic acid (PFOS)	ND	0.171	0.191
Perfluorooctanoic acid (PFOA)	ND	0.176	0.205
Perfluoropentanoic acid (PFPeA)	ND	0.112	0.410
Perfluorotetradecanoic acid (PFTA)	ND	0.106	0.205
Perfluorotridecanoic acid (PFTrDA)	ND	0.128	0.205
Perfluoroundecanoic acid (PFUnA)	ND	0.203	0.205
Combined PFOA and PFOS	**0**		
Combined Total Detections	**101.515**		

Compound	SB1 2024	
	(16-18')	
	12/31/2024	
	µg/Kg	
	Result	RL
1,4-dioxane	< 70	70

Notes:
DL- Detection Limit
RL - Reporting Limit
J- The value is estimated.
ND- Not Detected
The USEPA Health Advisory Level for drinking water is 70 ng/L (ppt) for combined detections of PFOA and PFOs

Table 7
60 N 1st Street
Brooklyn, New York
Remedial Investigation - Soil Gas Analytical Results
Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SV1		SV2		SV3		SV4		SV5	
			12' bg		12' bg		12' bg		12' bg		12' bg	
			1/2/2025		1/2/2025		1/2/2025		1/2/2025		1/2/2025	
			µg/m³		µg/m³		µg/m³		µg/m³		µg/m³	
	(µg/m³) [a]	(µg/m³) [b]	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	< 5.00	5.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 5.00	5.00	< 5.00	5.00	**5.04**	5.00	< 5.00	5.00	**14.4**	5.00
1,1,2,2-Tetrachloroethane		<1.5	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1,2-Trichloroethane		<1.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1-Dichloroethane		<1.0	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02
1,1-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trichlorobenzene		NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2,4-Trimethylbenzene		<1.0	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
1,2-Dibromoethane		<1.5	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2-Dichlorobenzene		<2.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2-Dichloroethane		<1.0	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02
1,2-Dichloropropane			< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
1,2-Dichlorotetrafluoroethane			< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,3,5-Trimethylbenzene		<1.0	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
1,3-Butadiene		NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,3-Dichlorobenzene		<2.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,4-Dichlorobenzene		NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,4-Dioxane			< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
2-Hexanone			< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
4-Ethyltoluene		NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
4-Isopropyltoluene			< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
4-Methyl-2-pentanone			< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Acetone		NA	**46.8**	5.01	**105**	5.01	**7.76**	5.01	**14**	5.01	**11.1**	5.01
Acrylonitrile			< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Benzene		<1.6 - 4.7	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Benzyl Chloride		NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromodichloromethane		<5.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromoform		<1.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromomethane		<1.0	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Carbon Disulfide		NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Carbon Tetrachloride	5	<3.1	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chlorobenzene		<2.0	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Chloroethane		NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Chloroform		<2.4	**38.1**	4.98	**50.3**	4.98	**39.4**	4.98	**46**	4.98	**15.7**	4.98
Chloromethane		<1.0 - 1.4	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
cis-1,2-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,3-Dichloropropene		NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Cyclohexane		NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Dibromochloromethane		<5.0	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Dichlorodifluromethane		NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Ethanol			**23.4**	5.01	**38.4**	5.01	**6.7**	5.01	**14.5**	5.01	**6.61**	5.01
Ethyl Acetate		NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Ethylbenzene		<4.3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Heptane		NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Hexachlorobutadiene		NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Hexane		<1.5	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Isooctane			< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Isopropylalcohol		NA	**5.8**	5.01	**19**	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Isopropylbenzene			< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Xylene (m&p)		<4.3	**12.7**	4.99	**18.7**	4.99	< 4.99	4.99	**8.07**	4.99	**5.81**	4.99
Methyl Ethyl Ketone			< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
MTBE		NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Methylene Chloride		<3.4	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0
Naphthalene			< 5.23	5.23	< 5.23	5.23	< 5.23	5.23	< 5.23	5.23	< 5.23	5.23
n-Butylbenzene			< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Xylene (o)		<4.3	< 4.99	4.99	**6.77**	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Propylene		NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
sec-Butylbenzene			< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Styrene		<1.0	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98
Tetrachloroethene	30		**26.9**	1.25	**32.4**	1.25	**61.9**	1.25	**37.8**	1.25	**75.9**	1.25
Tetrahydrofuran		NA	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Toluene		1.0 - 6.1	**8.4**	5.01	**13.1**	5.01	< 5.01	5.01	**5.24**	5.01	< 5.01	5.01
trans-1,2-Dichloroethene		NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
trans-1,3-Dichloropropene		NA	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Trichloroethene	5	<1.7	**19.8**	0.99	**30.6**	0.99	**37**	0.99	**31.8**	0.99	**20.9**	0.99
Trichlorofluoromethane		NA	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Trichlorotrifluoroethane			< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Vinyl Chloride		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
BTEX			**21.10**		**38.57**		**0.00**		**13.31**		**5.81**	
Total VOCs			**181.9**		**314.27**		**157.8**		**157.41**		**150.42**	
Total CVOCs			**46.70**		**63**		**103.94**		**69.6**		**111.2**	

Notes:
NA No guidance value or standard available
bcg - below cellar grade
bsg - below sidewalk grade
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

FIGURES

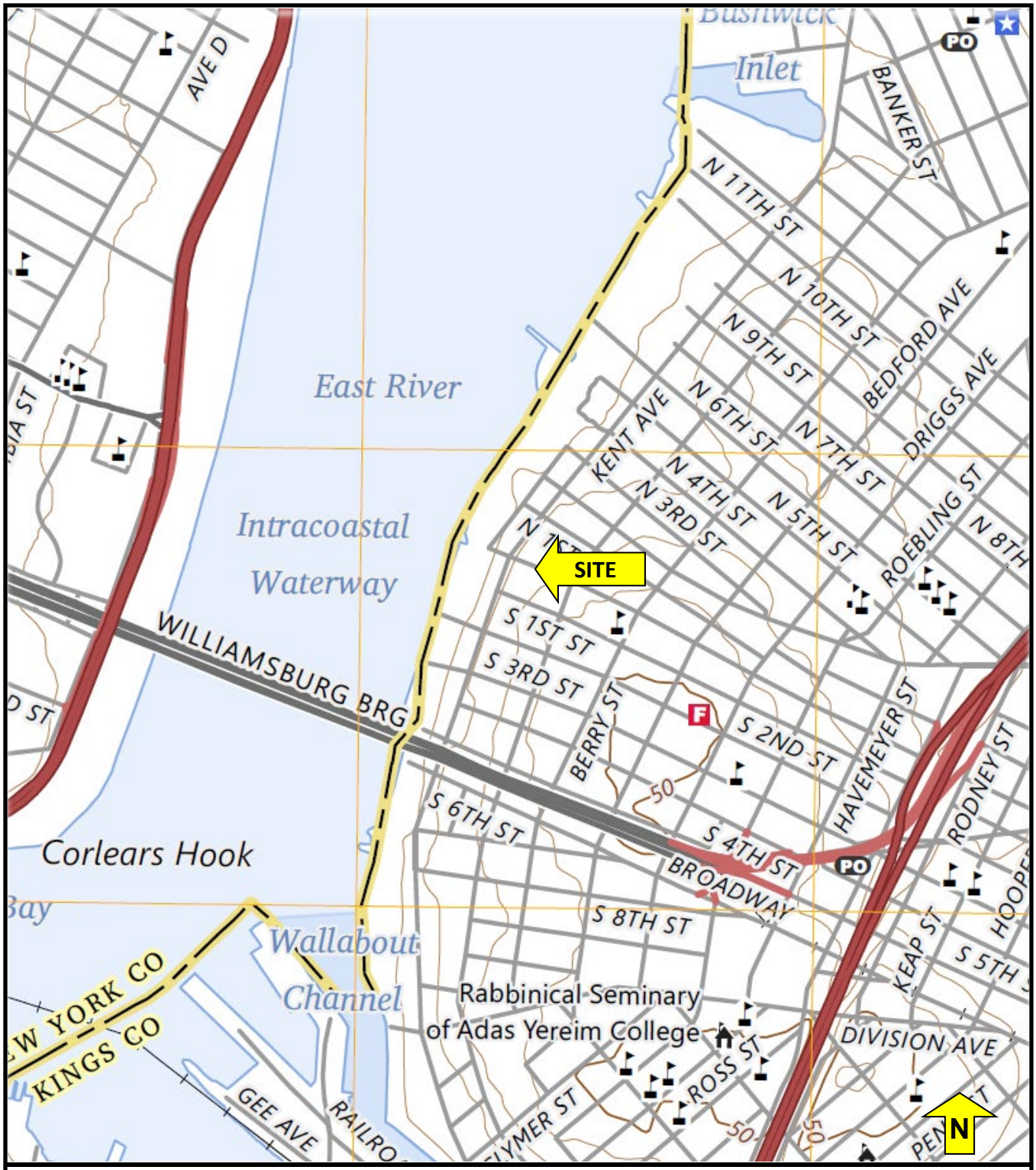


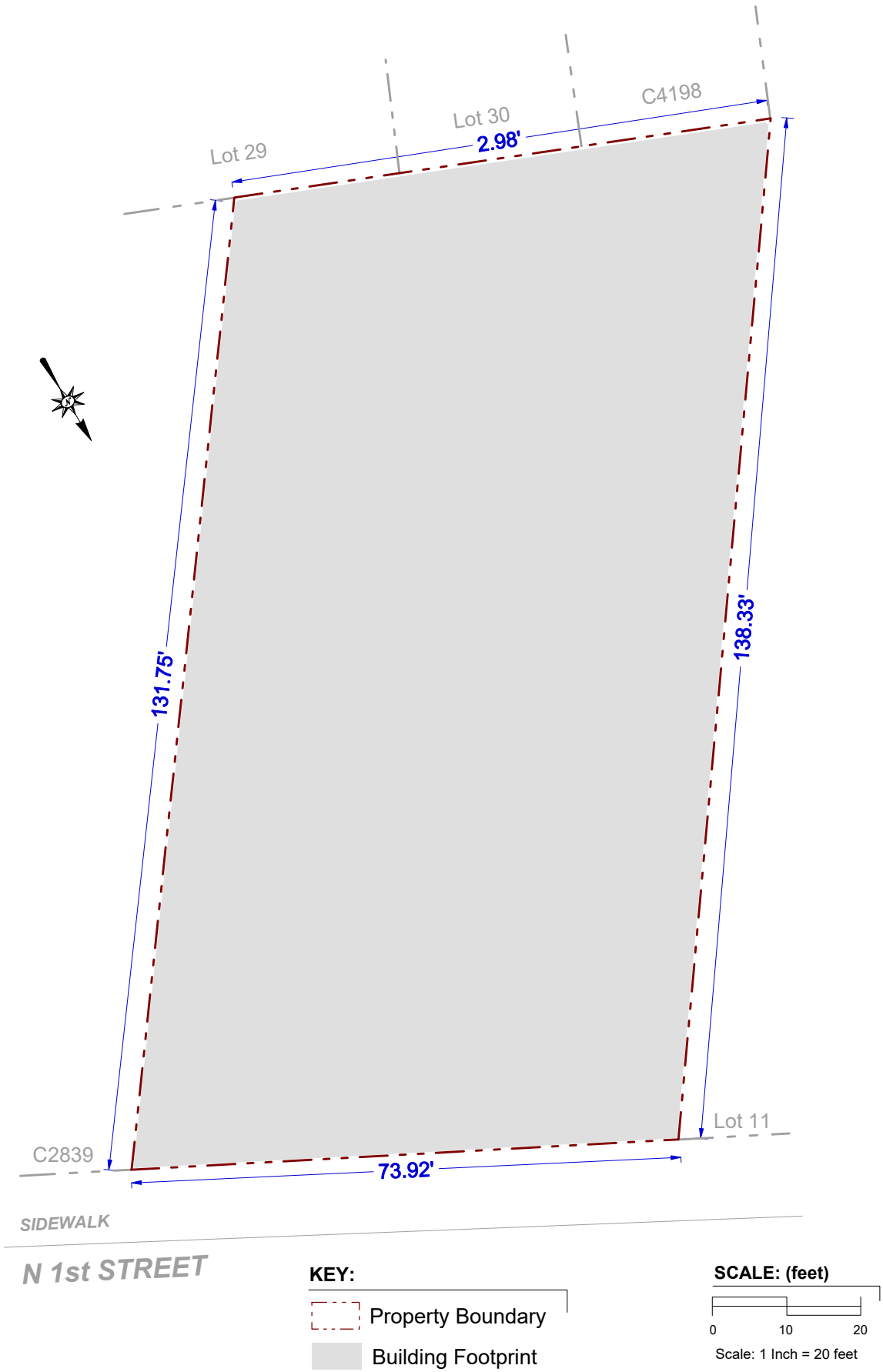
FIGURE 1 – SITE LOCATION MAP

BRUSSEE
Environmental Corp.

1150 Lincoln Avenue, Suite 4
Holbrook, NY 11741

SITE NAME: Industrial Property
STREET ADDRESS: 60 N 1st Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11249

Source: USGS



BRUSSEE Environmental Corp. PHONE: 631.338.1749	Figure 2	Site Name: REDEVELOPMENT PROJECT
		Site Address: 60 N 1ST STREET, BROOKLYN, NEW YORK
		Drawing Title: SITE BOUNDARY MAP

BUILDING CODE REFERENCES & NOTES

CODE NOTES, REQUIREMENTS & REFERENCES:
IT IS THE CONTRACTOR'S RESPONSIBILITY TO REFERENCE:
- LEGENDS, ABBRV.S & SYMBOLS: SHEET A-000
- GENERAL NOTES: SHEETS A-001 - A-003
- ACCESSIBILITY DTLS & NOTES: SHEETS A-004 - A-005
- BLDG CODE ANALYSIS & NOTES: SHEETS A-006 - A-007

& OTHER MANDATORY NOTES AND REQUIREMENTS THROUGHOUT THE PLANS DURING CONSTRUCTION. ANY DISCREPANCIES BTWN PLANS, DETAILS AND NOTES SHOULD BE NOTIFIED TO ARCHITECT AT AN INITIAL REVIEW PHASE PRIOR TO BEGINNING CONSTRUCTION

CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL ASPECT OF THESE PLANS WITH PLANS BY OTHERS FOR MECHANICAL, ELECTRICAL, PLUMBING, SPRINKLER, FIRE ALARM, ELEVATOR AND OTHER TRADES AS REQURIED.

LIGHT & AIR CALCULATIONS:
SEE LIGHT & AIR WITHIN EACH HABITABLE SPACE ON ALL FLOOR PLANS SHEETS A-101 - A-105

SEE WINDOW SCH. A500 FOR PROVIDED LIGHT & AIR.

LIGHT AS PER 1205.2.1: MIN. 10% OF HABITABLE SPACE
VENT/AIR AS PER 1203.4.1.2.1: MIN. 5% OF HABITABLE SPACE
(12 SF. MIN. GLAZED AREA W/ 6 SF. MIN. OPENABLE AREA.)

NAME OF SPACE

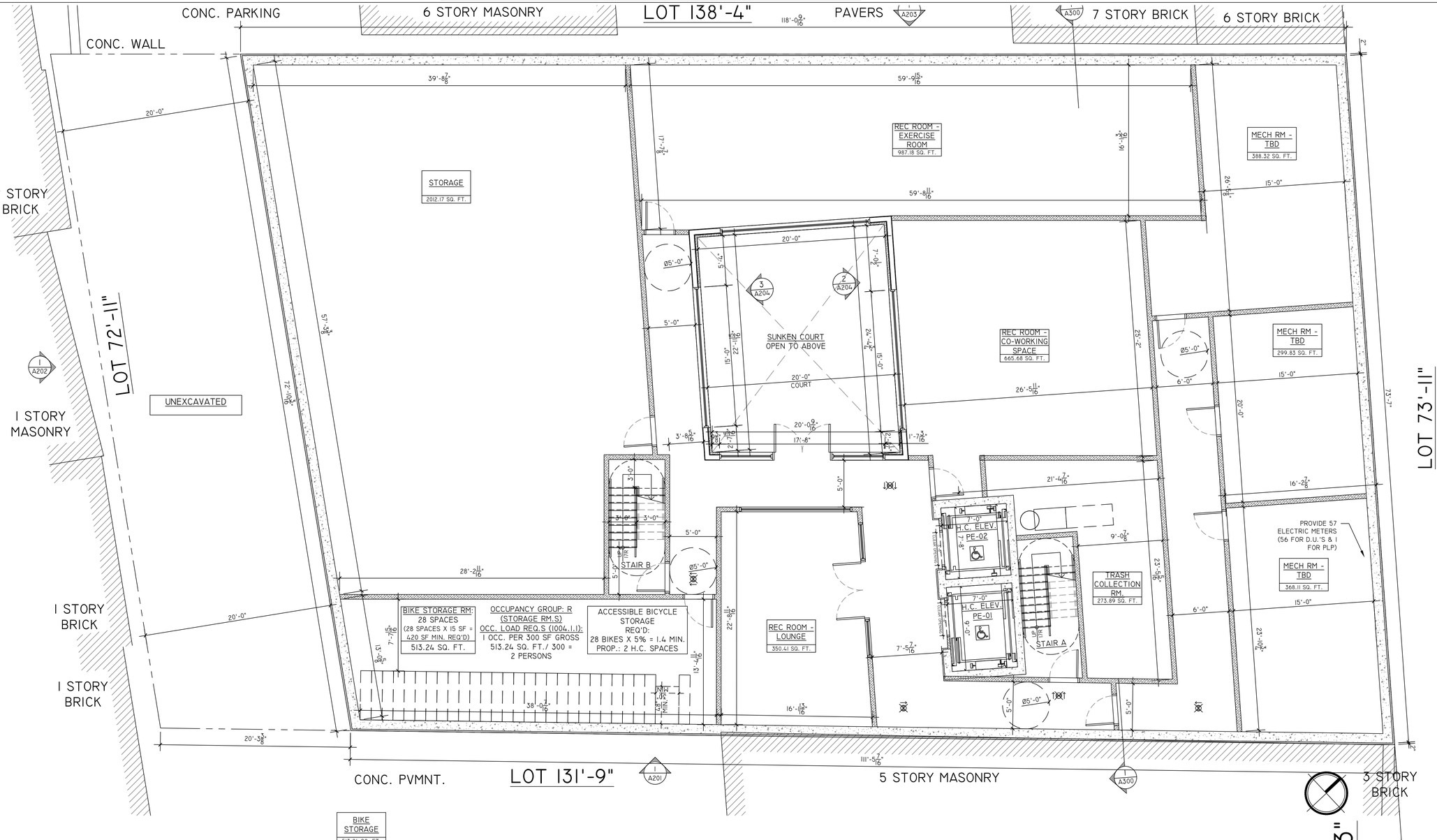
XX.XX. SQ. FT.	AREA OF SPACE
L: XX.XX < XX.XX	LIGHT REQUIRED < PROVIDED
A: XX.XX < XX.XX	AIR REQUIRED < PROVIDED

WINDOW & DOOR INFO:
SEE BLDG CODE ANALYSIS & NOTES ON SHEETS A-006
SEE WINDOW AND DOOR SCHEDULES AND NOTES ON SHEETS A-500 - A501

OCCUPANT LOAD & EGRESS CALCULATIONS:
SEE EGRESS CODE ANALYSIS AND CALCULATION ON SHEET A-006
SEE EGRESS AND FIRE RATING DIAGRAM PLANS ON SHEET A-007

FIRE RATING NOTES:

- STAIR ENCLOSURE TO BE 2 HOUR FIRE RATED THROUGHOUT
- STRUCTURAL POSTS, COLUMNS AND BEAMS TO BE PROTECTED WITH A 2 HOUR RATED ENCLOSURE, OR PAINTED WITH A FIRE RETARDANT PAINT TO PROVIDE THE 2 HOUR RATING



1 CELLAR FLOOR PLAN - SCALE: 3/16" = 1'-0"

PROPERTY:
62 NORTH IST STREET

BROOKLYN, N.Y. 11249
CLIENT:
BRUKLYN BUILDERS

N.A. DESIGN STUDIO
1231 MCDONALD AVE,
BROOKLYN, NY 11230
718 234 9700

ISSUED:	REV'D:	DATE:

SEAL:

REGISTERED ARCHITECT
NINA A. SCIBILIA
034774
STATE OF NEW YORK

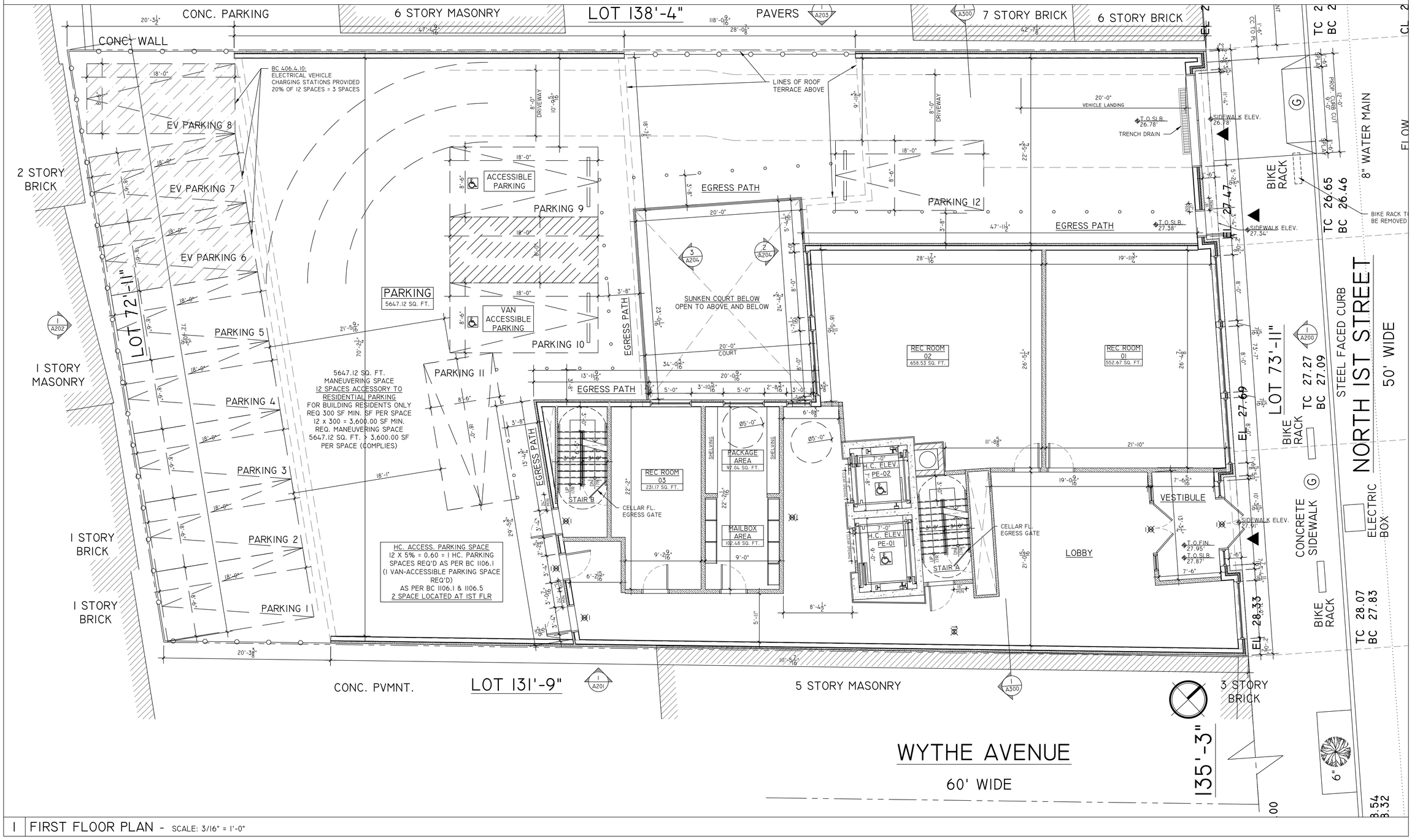
SCALE:	AS NOTED
DWG BY:	CK
CHK BY:	AN
JOB No.:	24-112
DOB JOB #:	

DRAWING TITLE:
CELLAR FLOOR PLAN

DOB

DRAWING NUMBER:
A-100.00

01 OF 56



1 FIRST FLOOR PLAN - SCALE: 3/16" = 1'-0"

PROPERTY:
62 NORTH IST STREET

BROOKLYN, N.Y. 11249
CLIENT:
BRUKLYN BUILDERS

N.A. DESIGN STUDIO
1231 MCDONALD AVE,
BROOKLYN, NY 11230
718 234 9700

ISSUED:	REV'D:	DATE:
○	△	
○	△	
○	△	
○	△	
○	△	
○	△	
○	△	

SEAL:

REGISTERED ARCHITECT
NOAH A. SCHECK
054774
STATE OF NEW YORK

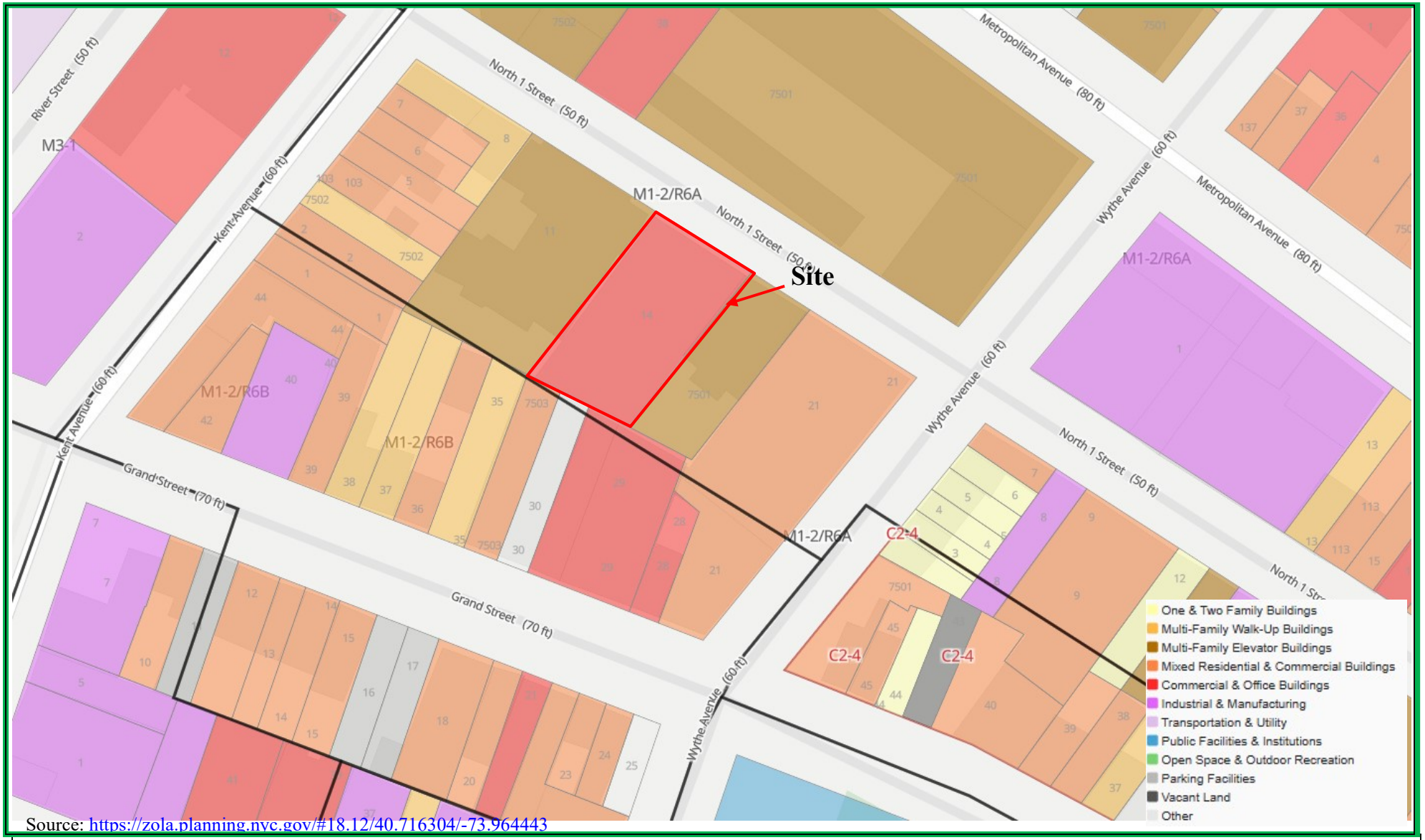
SCALE:	AS NOTED
DWG BY:	CK
CHK BY:	AN
JOB No.:	24-112
DOB JOB #:	

DRAWING TITLE:
FIRST FLOOR PLAN

DOB

DRAWING NUMBER:
A-101.00

02 OF 56



Source: https://zola.planning.nyc.gov/#18.12/40.716304/-73.964443

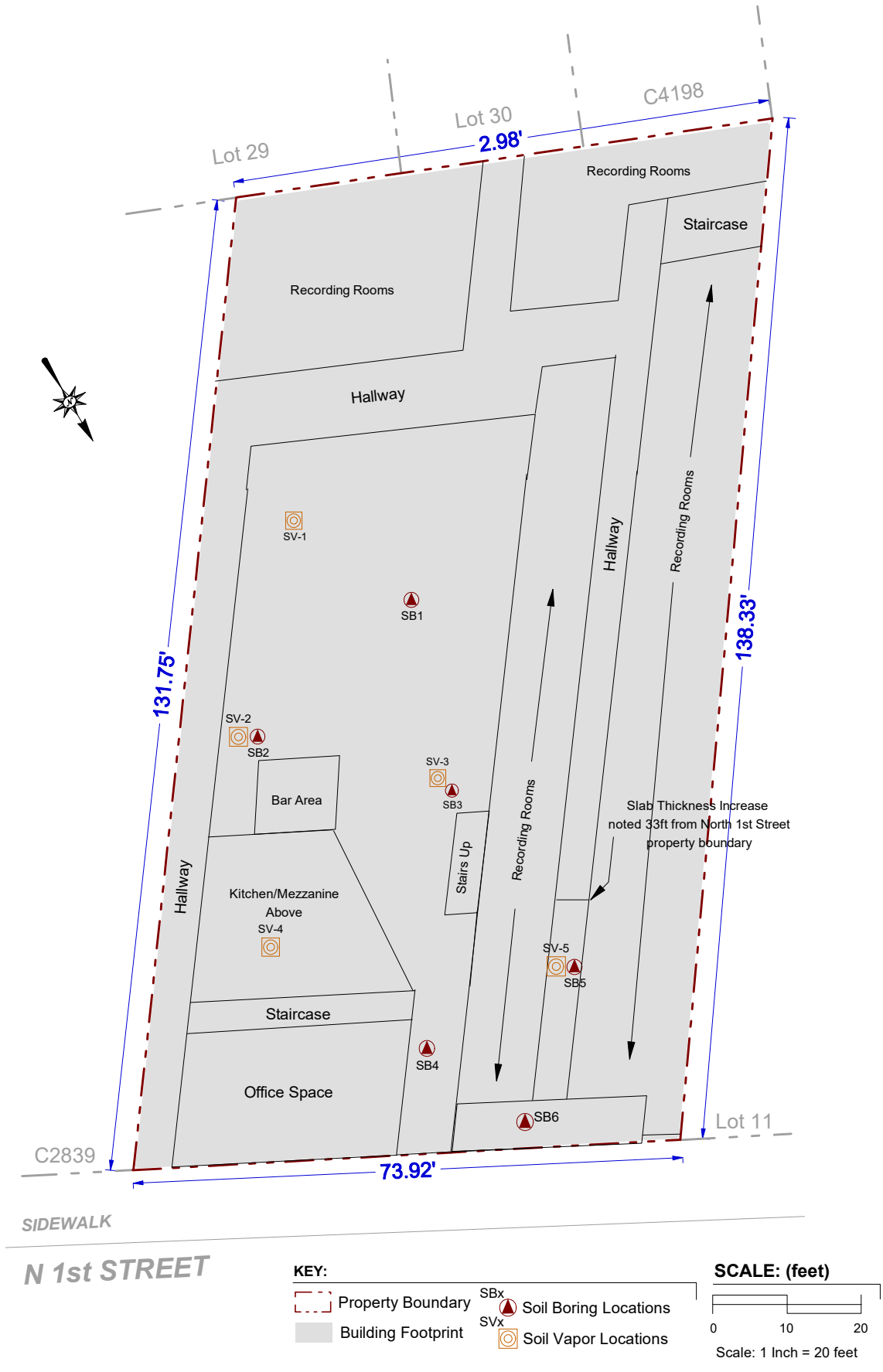
FIGURE 4

SURROUNDING LAND USE MAP

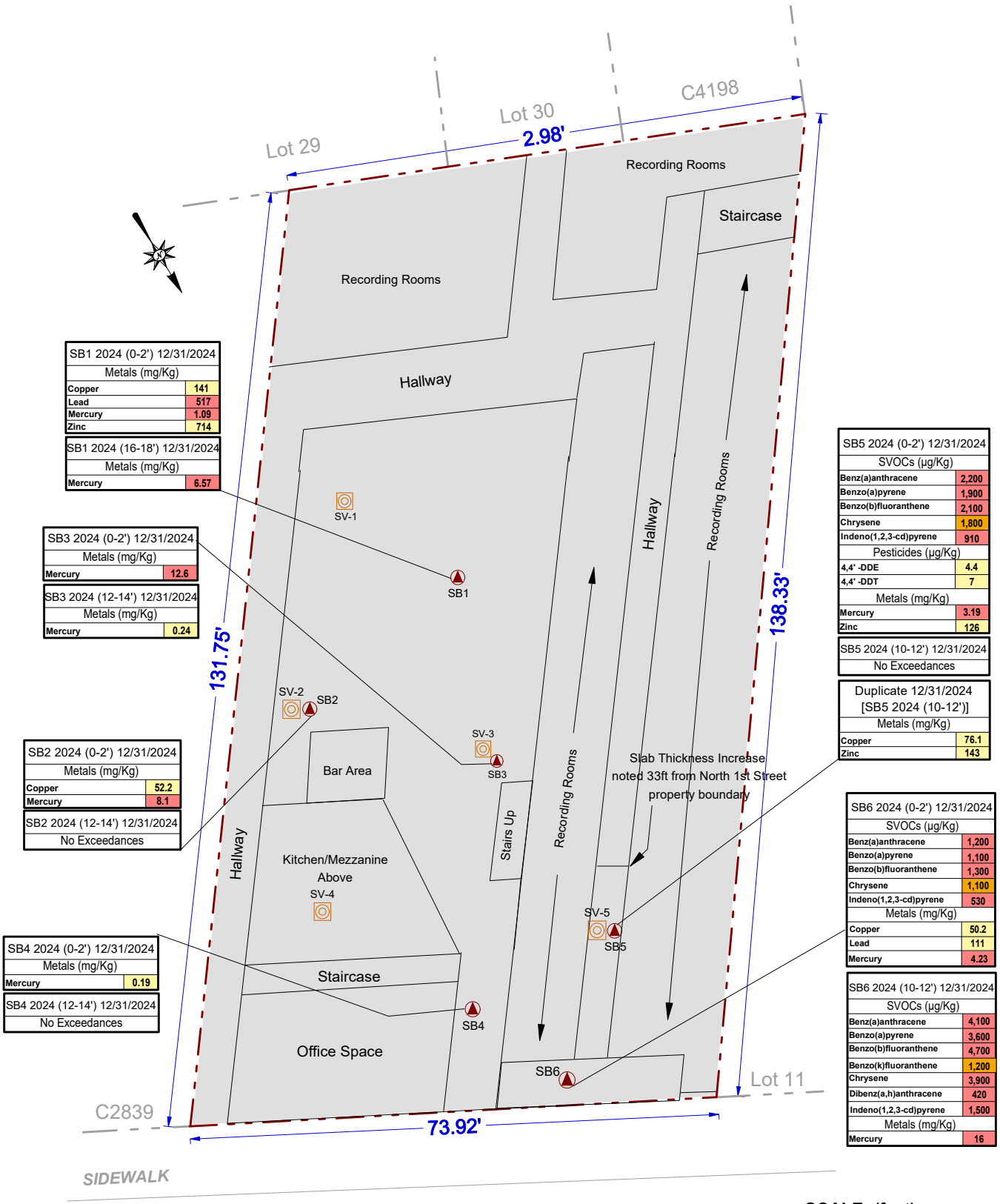
60 NORTH 1ST STREET, BROOKLYN, NY

HAZARDOUS MATERIALS REMEDIAL INVESTIGATION REPORT

BRUSSEE
Environmental Corp.
PHONE: 631.338.1749



BRUSSEE Environmental Corp. PHONE: 631.338.1749	Figure 5	Site Name: REDEVELOPMENT PROJECT
		Site Address: 60 N 1ST STREET, BROOKLYN, NEW YORK
		Drawing Title: SITE SAMPLING MAP



SB1 2024 (0-2') 12/31/2024	
Metals (mg/Kg)	
Copper	141
Lead	517
Mercury	1.09
Zinc	714

SB1 2024 (16-18') 12/31/2024	
Metals (mg/Kg)	
Mercury	6.57

SB3 2024 (0-2') 12/31/2024	
Metals (mg/Kg)	
Mercury	12.6

SB3 2024 (12-14') 12/31/2024	
Metals (mg/Kg)	
Mercury	0.24

SB2 2024 (0-2') 12/31/2024	
Metals (mg/Kg)	
Copper	52.2
Mercury	8.1

SB2 2024 (12-14') 12/31/2024
No Exceedances

SB4 2024 (0-2') 12/31/2024	
Metals (mg/Kg)	
Mercury	0.19

SB4 2024 (12-14') 12/31/2024
No Exceedances

SB5 2024 (0-2') 12/31/2024	
SVOCs (µg/Kg)	
Benz(a)anthracene	2,200
Benzo(a)pyrene	1,900
Benzo(b)fluoranthene	2,100
Chrysene	1,800
Indeno(1,2,3-cd)pyrene	910
Pesticides (µg/Kg)	
4,4' -DDE	4.4
4,4' -DDT	7
Metals (mg/Kg)	
Mercury	3.19
Zinc	126

SB5 2024 (10-12') 12/31/2024
No Exceedances

Duplicate 12/31/2024 [SB5 2024 (10-12')]	
Metals (mg/Kg)	
Copper	76.1
Zinc	143

SB6 2024 (0-2') 12/31/2024	
SVOCs (µg/Kg)	
Benz(a)anthracene	1,200
Benzo(a)pyrene	1,100
Benzo(b)fluoranthene	1,300
Chrysene	1,100
Indeno(1,2,3-cd)pyrene	530
Metals (mg/Kg)	
Copper	50.2
Lead	111
Mercury	4.23

SB6 2024 (10-12') 12/31/2024	
SVOCs (µg/Kg)	
Benz(a)anthracene	4,100
Benzo(a)pyrene	3,600
Benzo(b)fluoranthene	4,700
Benzo(k)fluoranthene	1,200
Chrysene	3,900
Dibenz(a,h)anthracene	420
Indeno(1,2,3-cd)pyrene	1,500
Metals (mg/Kg)	
Mercury	16

KEY:

- Property Boundary
- Building Footprint
- SBx — Soil Boring Locations
- SVx — Soil Vapor Locations
- Exceedance of UUSCOs
- Exceedance of RSCOs
- Exceedance of RRSCOs

SCALE: (feet)

0 10 20

Scale: 1 Inch = 20 feet

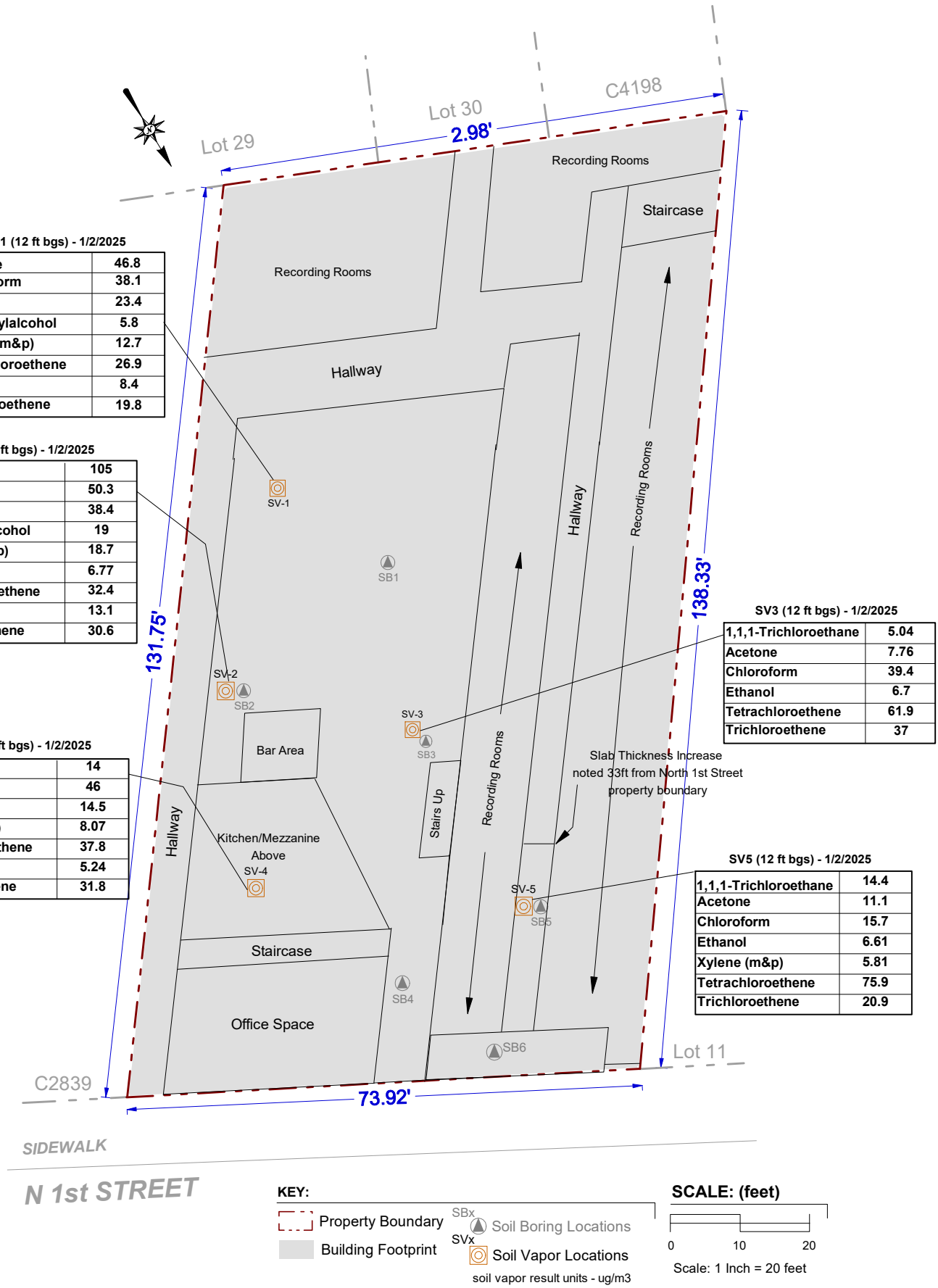
BRUSSEE Environmental Corp.
PHONE: 631.338.1749

Figure 6

Site Name: REDEVELOPMENT PROJECT

Site Address: 60 N 1ST STREET, BROOKLYN, NEW YORK

Drawing Title: SOIL EXCEEDANCES MAP



SV1 (12 ft bgs) - 1/2/2025

Acetone	46.8
Chloroform	38.1
Ethanol	23.4
Isopropylalcohol	5.8
Xylene (m&p)	12.7
Tetrachloroethene	26.9
Toluene	8.4
Trichloroethene	19.8

SV2 (12 ft bgs) - 1/2/2025

Acetone	105
Chloroform	50.3
Ethanol	38.4
Isopropylalcohol	19
Xylene (m&p)	18.7
Xylene (o)	6.77
Tetrachloroethene	32.4
Toluene	13.1
Trichloroethene	30.6

SV3 (12 ft bgs) - 1/2/2025

1,1,1-Trichloroethane	5.04
Acetone	7.76
Chloroform	39.4
Ethanol	6.7
Tetrachloroethene	61.9
Trichloroethene	37

SV4 (12 ft bgs) - 1/2/2025

Acetone	14
Chloroform	46
Ethanol	14.5
Xylene (m&p)	8.07
Tetrachloroethene	37.8
Toluene	5.24
Trichloroethene	31.8

SV5 (12 ft bgs) - 1/2/2025

1,1,1-Trichloroethane	14.4
Acetone	11.1
Chloroform	15.7
Ethanol	6.61
Xylene (m&p)	5.81
Tetrachloroethene	75.9
Trichloroethene	20.9

KEY:

Property Boundary

Building Footprint

SBx Soil Boring Locations

SVx Soil Vapor Locations

soil vapor result units - ug/m3

SCALE: (feet)

0 10 20

Scale: 1 Inch = 20 feet

BRUSSEE Environmental Corp.
PHONE: 631.338.1749

Figure **7**

Site Name:	REDEVELOPMENT PROJECT
Site Address:	60 N 1ST STREET, BROOKLYN, NEW YORK
Drawing Title:	SOIL VAPOR DETECTIONS MAP

APPENDIX A

Phase I ESA

(Previously Uploaded to EPIC)

APPENDIX B

Soil Boring Logs

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
Cell: 631-338-1749

Location: Located towards the central portion of the Site within the previous restaurant area.		Depth to Water (ft. from grade.)	Site Elevation Datum Sidewalk Grade
Site Name: Redevelopment Project	Address: 60 North 1st Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 420M	N/A	Well Specifications
Date Started: 12/31/2024	Date Completed: 12/31/2024		
Completion Depth: 18 Feet	Geologist: Byron Garcia and Patrick Recio		

SB1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION * - Depths below sidewalk grade
	0				
	to 3	29		0.0	14" - dark brown soil with red brick and trace glass 15" - brown silty sand with trace clay *collected soil sample SB1 (0-2')
	to 6	27		0.0	5" - gray/brown fill 22" - brown medium silty sand
	to 9	26		0.0	26" - light brown medium grain silty sand
	to 12	25		0.0	25" - light brown medium grain silty sand
	to 15	29		0.0	29" - light brown medium grain silty sand
	to 18	29		0.0	29" - light brown medium grain silty sand *collected soil sample SB1 (16-18')
					***refusal encountered at 18 ft bsg**

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

Location: Located on the eastern portion of the restaurant facility		Depth to Water (ft. from grade.)	Site Elevation Datum Sidewalk Grade
Site Name: Redevelopment Project	Address: 60 North 1st Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 420M	N/A	Well Specifications
Date Started: 12/31/2024	Date Completed: 12/31/2024		
Completion Depth: 14 feet	Geologist: Byron Garcia and Patrick Recio		

SB2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION * - Depths below sidewalk grade
	0 to 3	30		0.0	20" - fill material within a brown sand matrix trace brick 10" - brown silty clay material ** collected soil sample SB2 (0-2')*
	3 to 6	11		0.0	11" - brown silty sand with trace brick
	6 to 9	33		0.0	10" - brown silty soil matrix with brick and glass 23" - light brown fine sand with silt
	9 to 12	28		0.0	9" - brown silty sand 19" - light brown extra fine sand with clay
	12 to 14	33		0.0	33" - light brown fine silty sand with trace clay ** collected soil sample SB2 (12-14')*
					*Refusal encountered at 14 ft bsg

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

Location: Performed in the central portion of the Site		Depth to Water (ft. from grade.)	Site Elevation Datum Sidewalk Grade
Site Name: Redevelopment Project	Address: 60 North 1st Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 420M	N/A	Well Specifications
Date Started: 12/31/2024	Date Completed: 12/31/2024		
Completion Depth: 18 feet	Geologist: Byron Garcia and Patrick Recio		

SB3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION * - Depths below sidewalk grade
	0				
	to 3	28		0.0	8" - dark brown fill materila with trace gravel 20" - light bronw fine silty sand **collected SB3 (0-2')*
	to 6	33		0.0	33" - light brown fine silty sand
	to 9	33		0.0	33" - light brown fine silty sand
	to 12	30		0.0	30" - light brown fine silty sand
	to 15	33		0.0	33" - light brown fine silty sand **collected SB3 (12-14')*
	to 18	30		0.0	30" - light brown fine silty sand
					Refusal encontered at 18 ft bsg

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

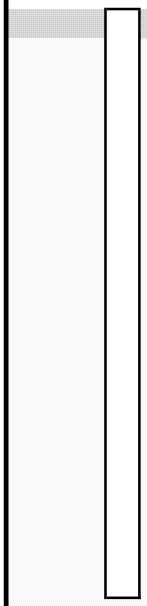
Location: Located on the northern portion of the property, 16.5 from the northern property boundary along 60 N 1st.		Depth to Water (ft. from grade.)	Site Elevation Datum Sidewalk Grade
Site Name: Redevelopment Project	Address: 60 North 1st Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 420M	N/A	Well Specifications
Date Started: 12/31/2024	Date Completed: 12/31/2024		
Completion Depth: 15 feet	Geologist: Byron Garcia and Patrick Recio		

SB4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION * - Depths below sidewalk grade
	0 to 3	29		0.0	3" - gray fill materail 26" - brown silty sand with clay **collected SB4 (0-2')*
	3 to 6	28		0.0	14" - brown silty sand with clay 14" - light brown medium grain silty sand
	6 to 9	31		0.0	31" - light brown medium grain silty sand
	9 to 12	28		0.0	28" - light brown medium grain silty sand
	12 to 15	19		0.0	19" - light brown medium grain silty sand **collected SB4 (12-14')*
					Refusal encontered at 15 ft bsg

Geologic Boring Log Details

BRUSSEE Environmental Corp.
14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

Location: Located in the previous music recording section of the Site on the northern portion of the Site.		Depth to Water (ft. from grade.)	Site Elevation Datum Sidewalk Grade
Site Name: Redevelopment Project	Address: 60 North 1st Street, Brooklyn, NY	Date / DTW	Ground Elevation
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 420M	Groundwater depth: N/A	Well Specifications
Date Started: 12/31/2024	Date Completed: 12/31/2024		
Completion Depth: 12 feet	Geologist: Byron Garcia and Patrick Recio		

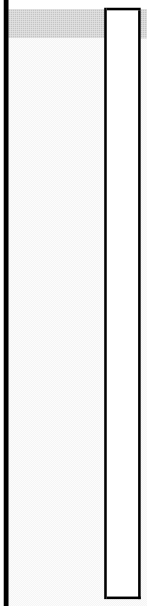
SB5 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION * - Depths below sidewalk grade
	0 to 3	14		0.0	5" - gray brown rock and soil 9" - fill materail in a brown silty soil matrix ** - collected SB5 (0-2')*
	3 to 6	26		0.0	8" - brown silty sand with trace clay 18" - light brown medium grain silty sand
	6 to 9	32			7" - brown silty sand with trace clay 25" - light brown medium grain silty sand
	9 to 12	26			26" - light brown medium grain silty sand ** - collected SB5 (10-12')*
					Refusal encontered at 12 ft bsg

Geologic Boring Log Details

BRUSSEE Environmental Corp.

14 EVANS LANE, MILLER PLACE, NY 11764
CELL: 631-338-1749

Location: Location 4 ft from the northern property boundary along N. 1st within auxillary room.		Depth to Water (ft. from grade.)	Site Elevation Datum Sidewalk Grade
Site Name: Redevelopment Project	Address: 60 North 1st Street, Brooklyn, NY	Date / DTW	Ground Elevation
Drilling Company: Coastal Environmental Solutions	Method: Geoprobe 420M	Groundwater depth: N/A	Well Specifications
Date Started: 12/31/2024	Date Completed: 12/31/2024		
Completion Depth: 12 feet	Geologist: Byron Garcia and Patrick Recio		

SB6 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION * - Depths below sidewalk grade
	0 to 3	17		0.0	8" - fill material in a brown soil matrix 6" - rock and concrete 3" - fill material in a brown soil matrix ** collected SB6 (0-2')*
	3 to 6	23		0.0	8" - Fill material in a black to brown soil matrix 15" - brown silty sand with trace clay
	6 to 9	30		0.0	10" - brown silty sand with trace clay 20" - light brown medium grain silty sand
	9 to 12	28			10" - brown silty sand with trace clay 20" - light brown medium grain silty sand ** collected SB6 (10-12')*
					Refusal encontered at 12 ft bsg

APPENDIX C

Soil Vapor Sampling Logs

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

BRUSSEE

860-645-1102

email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☒ Email: precio@brusseecorp.com
☒ Phone #: 631-504-6000

Report to:	Tom Gallo	Project Name: 60N1	Data Format: (Circle) Equis Excel Other:
Customer:	Brussee Environmental Corp	Invoice to:	Requested Deliverable: RCP ASP CAT B
Address:	1150 Lincoln Avenue – Suite 4		MCP NJ Deliverables
16675	Holbrook, NY 11741	Sampled by: Byron Garcia	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
38323	SV5	49233	6.0L	-30	-4	5060	44	10:40	12:42	1/2/25	-30	-6		X		X	
38324	SV4	49260	6.0L	-30	-5	10554	45	10:56	12:50	1/2/25	-29	-6		X		X	
38325	SV1	11286	6.0L	-30	-4	5599	45	10:45	12:44	1/2/25	-29	-6		X		X	
38326	SV2	172	6.0L	-30	-5	10704	43	10:50	12:51	1/2/25	-30	-6		X		X	
38327	SV3	49201	6.0L	-30	-5	6974	45	10:53	12:46	1/2/25	-28	-5		X		X	
	NOT USED	12863	6.0L	-30		3220	43										

Relinquished by:	Accepted by:	Date:	Time:
		1/3/25	0925
		1/3/25	17:15

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

Signature: _____ Date: _____

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(6) - 6.0L 2 hr , 6 Connectors

(4) Regs unused ES

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

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

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

APPENDIX D

Laboratory Reports – Phoenix

PHOENIX
Environmental Laboratories, Inc.

Friday, January 17, 2025

Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Project ID: **60 N 1ST STREET BROOKLYN NY**
SDG ID: **GCS37389**
Sample ID#s: CS37389 - CS37403

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,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

January 17, 2025

SDG I.D.: GCS37389

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

NY # 11301

Sample Id Cross Reference

January 17, 2025

SDG I.D.: GCS37389

Project ID: 60 N 1ST STREET BROOKLYN NY

Client Id	Lab Id	Matrix	Col Date
SB1 2024 (0-2`)	CS37389	SOIL	12/31/24 0:00
SB1 2024 (16-18`)	CS37390	SOIL	12/31/24 0:00
SB2 2024 (0-2`)	CS37391	SOIL	12/31/24 0:00
SB2 2024 (12-14`)	CS37392	SOIL	12/31/24 0:00
SB3 2024 (0-2`)	CS37393	SOIL	12/31/24 0:00
SB3 2024 (12-14`)	CS37394	SOIL	12/31/24 0:00
SB4 2024 (0-2`)	CS37395	SOIL	12/31/24 0:00
SB4 2024 (12-14`)	CS37396	SOIL	12/31/24 0:00
SB5 2024 (0-2`)	CS37397	SOIL	12/31/24 0:00
SB5 2024 (10-12`)	CS37398	SOIL	12/31/24 0:00
SB6 2024 (0-2`)	CS37399	SOIL	12/31/24 0:00
SB6 2024 (10-12`)	CS37400	SOIL	12/31/24 0:00
DUPLICATE	CS37401	SOIL	12/31/24 0:00
TRIP BLANKS LL	CS37402	SOIL	12/31/24 0:00
TRIP BLANKS HL	CS37403	SOIL	12/31/24 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37389

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB1 2024 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.36	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	9930	54	mg/Kg	10	01/03/25	CPP	SW6010D	
Arsenic	7.46	0.72	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	177	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	0.49	0.29	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	2870	5.4	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	1.75	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	7.00	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	43.5	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	141	0.7	mg/kg	1	01/03/25	TH	SW6010D	
Iron	61600	54	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	1.09	0.03	mg/Kg	2	01/03/25	ZT	SW7471B	
Potassium	1010	54	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	1650	5.4	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	325	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Sodium	206	5.4	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	22.8	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	517	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.6	3.6	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.4	1.4	mg/Kg	1	01/03/25	TH	SW6010D	
Thallium	< 3.3	3.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	54.5	0.36	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	714	0.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	92		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	X/U	SW3546	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	X/U	SW3546
Soil Extraction for SVOA	Completed				01/03/25	H/U	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	71	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	66		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	67		%	2	01/13/25	SC	30 - 150 %
% TCMX	67		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	71		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.1	ug/Kg	2	01/10/25	AW	SW8081B
4,4' -DDE	ND	2.1	ug/Kg	2	01/10/25	AW	SW8081B
4,4' -DDT	ND	2.1	ug/Kg	2	01/10/25	AW	SW8081B
a-BHC	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
a-Chlordane	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
Aldrin	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
b-BHC	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Chlordane	ND	35	ug/Kg	2	01/10/25	AW	SW8081B
d-BHC	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Dieldrin	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan I	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan II	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan sulfate	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Endrin	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Endrin aldehyde	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Endrin ketone	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/10/25	AW	SW8081B
g-Chlordane	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
Heptachlor	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Heptachlor epoxide	ND	7.1	ug/Kg	2	01/10/25	AW	SW8081B
Methoxychlor	ND	35	ug/Kg	2	01/10/25	AW	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/10/25	AW	SW8081B
QA/QC Surrogates							
% DCBP	51		%	2	01/10/25	AW	30 - 150 %
% DCBP (Confirmation)	59		%	2	01/10/25	AW	30 - 150 %
% TCMX	56		%	2	01/10/25	AW	30 - 150 %
% TCMX (Confirmation)	58		%	2	01/10/25	AW	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB1 2024 (0-2`)

Phoenix I.D.: CS37389

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	108		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	89		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	86	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	108		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	89		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	23	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	23	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	120	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
1,2,4-Trichlorobenzene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
1,2-Dichlorobenzene	ND	1100	ug/Kg	10	01/07/25	PS	SW8270E
1,2-Diphenylhydrazine	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E
1,3-Dichlorobenzene	ND	2400	ug/Kg	10	01/07/25	PS	SW8270E
1,4-Dichlorobenzene	ND	1800	ug/Kg	10	01/07/25	PS	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB1 2024 (0-2`)

Phoenix I.D.: CS37389

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	1
2,4,5-Trichlorophenol	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2,4,6-Trichlorophenol	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2,4-Dichlorophenol	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2,4-Dimethylphenol	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2,4-Dinitrophenol	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
2,4-Dinitrotoluene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2,6-Dinitrotoluene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2-Chloronaphthalene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2-Chlorophenol	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2-Methylnaphthalene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
2-Methylphenol (o-cresol)	ND	330	ug/Kg	10	01/07/25	PS	SW8270E	
2-Nitroaniline	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
2-Nitrophenol	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	10	01/07/25	PS	SW8270E	
3,3'-Dichlorobenzidine	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
3-Nitroaniline	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
4,6-Dinitro-2-methylphenol	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
4-Bromophenyl phenyl ether	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
4-Chloro-3-methylphenol	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
4-Chloroaniline	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
4-Chlorophenyl phenyl ether	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
4-Nitroaniline	ND	5700	ug/Kg	10	01/07/25	PS	SW8270E	
4-Nitrophenol	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Acenaphthene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Acenaphthylene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Acetophenone	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Aniline	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
Anthracene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Benz(a)anthracene	ND	1000	ug/Kg	10	01/07/25	PS	SW8270E	
Benzidine	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Benzo(a)pyrene	ND	1000	ug/Kg	10	01/07/25	PS	SW8270E	
Benzo(b)fluoranthene	ND	1000	ug/Kg	10	01/07/25	PS	SW8270E	
Benzo(ghi)perylene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Benzo(k)fluoranthene	ND	800	ug/Kg	10	01/07/25	PS	SW8270E	
Benzoic acid	ND	7100	ug/Kg	10	01/07/25	PS	SW8270E	
Benzyl butyl phthalate	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Bis(2-chloroethoxy)methane	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Bis(2-chloroethyl)ether	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
Carbazole	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
Chrysene	ND	1000	ug/Kg	10	01/07/25	PS	SW8270E	
Dibenz(a,h)anthracene	ND	330	ug/Kg	10	01/07/25	PS	SW8270E	
Dibenzofuran	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Diethyl phthalate	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Dimethylphthalate	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Di-n-butylphthalate	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E	
Di-n-octylphthalate	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	
Fluoranthene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E	

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB1 2024 (0-2`)

Phoenix I.D.: CS37389

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
Hexachlorobenzene	ND	330	ug/Kg	10	01/07/25	PS	SW8270E
Hexachlorobutadiene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
Hexachlorocyclopentadiene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
Hexachloroethane	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
Indeno(1,2,3-cd)pyrene	ND	500	ug/Kg	10	01/07/25	PS	SW8270E
Isophorone	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
Naphthalene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
Nitrobenzene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
N-Nitrosodimethylamine	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E
N-Nitrosodi-n-propylamine	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
N-Nitrosodiphenylamine	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E
Pentachloronitrobenzene	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E
Pentachlorophenol	ND	800	ug/Kg	10	01/07/25	PS	SW8270E
Phenanthrene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
Phenol	ND	330	ug/Kg	10	01/07/25	PS	SW8270E
Pyrene	ND	2500	ug/Kg	10	01/07/25	PS	SW8270E
Pyridine	ND	3500	ug/Kg	10	01/07/25	PS	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol (10x)	58		%	10	01/07/25	PS	30 - 130 %
% 2-Fluorobiphenyl (10x)	44		%	10	01/07/25	PS	30 - 130 %
% 2-Fluorophenol (10x)	38		%	10	01/07/25	PS	30 - 130 %
% Nitrobenzene-d5 (10x)	48		%	10	01/07/25	PS	30 - 130 %
% Phenol-d5 (10x)	41		%	10	01/07/25	PS	30 - 130 %
% Terphenyl-d14 (10x)	39		%	10	01/07/25	PS	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37390

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB1 2024 (16-18`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.34	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	3020	5.1		mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	1.70	0.67		mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	34.9	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	0.31	0.27		mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	2080	5.1		mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.34	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	6.84	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	9.20	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	11.7	0.7		mg/kg	1	01/03/25	TH	SW6010D	
Iron	10800	51		mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	6.57	0.61		mg/Kg	50	01/03/25	JM	SW7471B	
Potassium	668	5.1		mg/Kg	1	01/03/25	CPP	SW6010D	
Magnesium	2330	5.1		mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	394	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Sodium	134	5.1		mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	23.9	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	4.14	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.4	3.4		mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.0	3.0		mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	20.7	0.34		mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	82.9	0.7		mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	95			%		01/02/25	CV	SW846-%Solid	
Extraction for SVOA SIM	Completed					01/03/25	A/U	SW3545A	
Field Extraction	Completed					12/31/24		SW5035A	1
Mercury Digestion	Completed					01/03/25	AC1/AC1	SW7471B	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for PCB	Completed					01/09/25	X/U	SW3546
Soil Extraction for Pesticides	Completed					01/09/25	X/U	SW3546
Soil Extraction for SVOA	Completed					01/03/25	H/U	SW3546
Total Metals Digest	Completed					01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls								
PCB-1016	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	69		ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	65			%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	62			%	2	01/13/25	SC	30 - 150 %
% TCMX	64			%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	68			%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.4		ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	34		ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.4		ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	6.9		ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	34		ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	140		ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates								
% DCBP	53			%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	51			%	2	01/10/25	CN	30 - 150 %
% TCMX	56			%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	54			%	2	01/10/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB1 2024 (16-18`)

Phoenix I.D.: CS37390

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
2-Hexanone	ND	34		ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	34		ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	34		ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	14		ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	34		ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	14		ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	14		ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D
o-Xylene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D
Styrene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	410		ug/Kg	50	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	14		ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	810		ug/Kg	50	01/03/25	JLI	SW8260D
Trichloroethene	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	113			%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	83			%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	111			%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	95			%	1	01/03/25	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	95			%	50	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	100			%	50	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	95			%	50	01/03/25	JLI	70 - 130 %
% Toluene-d8 (50x)	92			%	50	01/03/25	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	113			%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	83			%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	111			%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	95			%	1	01/03/25	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	27		ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	6.8		ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	27		ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	140		ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB1 2024 (16-18`)

Phoenix I.D.: CS37390

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
2-Nitroaniline	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330		ug/Kg	1	01/06/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
3-Nitroaniline	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
4-Nitroaniline	ND	550		ug/Kg	1	01/06/25	KCA	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Acetophenone	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Aniline	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
Anthracene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Benzidine	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Benzoic acid	ND	690		ug/Kg	1	01/06/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
Carbazole	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E	
Chrysene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Dibenzofuran	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	
Diethyl phthalate	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Di-n-butylphthalate	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Fluoranthene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Fluorene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Isophorone	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Naphthalene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E
Pentachloronitrobenzene	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E
Pentachlorophenol	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E
Phenanthrene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Phenol	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Pyrene	ND	240		ug/Kg	1	01/06/25	KCA	SW8270E
Pyridine	ND	340		ug/Kg	1	01/06/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	85			%	1	01/06/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	01/06/25	KCA	30 - 130 %
% 2-Fluorophenol	67			%	1	01/06/25	KCA	30 - 130 %
% Nitrobenzene-d5	77			%	1	01/06/25	KCA	30 - 130 %
% Phenol-d5	71			%	1	01/06/25	KCA	30 - 130 %
% Terphenyl-d14	70			%	1	01/06/25	KCA	30 - 130 %
1,4-Dioxane								
1,4-dioxane	ND	70	70	ug/Kg	1	01/07/25	AW	SW8270E (SIM)
QA/QC Surrogates								
% 2-Fluorobiphenyl	57			%	1	01/07/25	AW	30 - 130 %
% Nitrobenzene-d5	112			%	1	01/07/25	AW	30 - 130 %
% Terphenyl-d14	74			%	1	01/07/25	AW	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

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 LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
January 17, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37391

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB2 2024 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.39	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	7360	5.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	4.43	0.78	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	55.5	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	0.44	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	1290	5.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.39	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	6.18	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	18.1	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	52.2	0.8	mg/kg	1	01/03/25	TH	SW6010D	
Iron	21000	59	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	8.10	0.64	mg/Kg	50	01/03/25	JM	SW7471B	
Potassium	992	59	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	2150	5.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	206	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Sodium	123	5.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	13.8	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	59.1	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.9	3.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.6	1.6	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.5	3.5	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	28.7	0.39	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	70.5	0.8	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	91		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/03/25	H/U	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	49		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	61		%	2	01/13/25	SC	30 - 150 %
% TCMX	51		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	50		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.2	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.2	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.2	ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.6	ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.6	ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	36	ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.6	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	36	ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	51		%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	49		%	2	01/10/25	CN	30 - 150 %
% TCMX	47		%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	47		%	2	01/10/25	CN	30 - 150 %

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND		29	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND		29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	42	S	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND		11	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND		5.7	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	85		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	109		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	86	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	85		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	109		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	23	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	23	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Chloronaphthalene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Chlorophenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Methylnaphthalene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Nitroaniline	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Nitrophenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/06/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
3-Nitroaniline	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chloroaniline	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Nitroaniline	ND	580	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Nitrophenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Acenaphthene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Acenaphthylene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Acetophenone	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Aniline	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
Anthracene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Benz(a)anthracene	810	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzidine	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(a)pyrene	730	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(b)fluoranthene	930	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(ghi)perylene	380	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(k)fluoranthene	330	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzoic acid	ND	720	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
Carbazole	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
Chrysene	750	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Dibenzofuran	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Diethyl phthalate	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Dimethylphthalate	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Di-n-butylphthalate	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E	
Di-n-octylphthalate	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E	
Fluoranthene	1800	250	ug/Kg	1	01/06/25	KCA	SW8270E	

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorobenzene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorobutadiene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
Hexachloroethane	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	400	250	ug/Kg	1	01/06/25	KCA	SW8270E
Isophorone	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
Naphthalene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
Nitrobenzene	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E
Pentachloronitrobenzene	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E
Pentachlorophenol	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E
Phenanthrene	1000	250	ug/Kg	1	01/06/25	KCA	SW8270E
Phenol	ND	250	ug/Kg	1	01/06/25	KCA	SW8270E
Pyrene	1400	250	ug/Kg	1	01/06/25	KCA	SW8270E
Pyridine	ND	360	ug/Kg	1	01/06/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	74		%	1	01/06/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	61		%	1	01/06/25	KCA	30 - 130 %
% 2-Fluorophenol	58		%	1	01/06/25	KCA	30 - 130 %
% Nitrobenzene-d5	65		%	1	01/06/25	KCA	30 - 130 %
% Phenol-d5	63		%	1	01/06/25	KCA	30 - 130 %
% Terphenyl-d14	61		%	1	01/06/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

S - Laboratory solvent, contamination is possible.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37392

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB2 2024 (12-14`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	4220	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	0.85	0.67	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	40.0	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	0.32	0.27	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	1330	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	5.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	10.1	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	11.4	0.7	mg/kg	1	01/03/25	TH	SW6010D	
Iron	13200	50	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	0.06	0.03	mg/Kg	2	01/03/25	JM	SW7471B	
Potassium	1310	50	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	1930	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	271	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Sodium	145	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	8.70	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	4.59	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.3	3.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.3	1.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.0	3.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	17.4	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	21.1	0.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	96		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/03/25	H/U	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	68	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	79		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	76		%	2	01/13/25	SC	30 - 150 %
% TCMX	82		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	86		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	34	ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	6.8	ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	34	ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	71		%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	59		%	2	01/10/25	CN	30 - 150 %
% TCMX	73		%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	72		%	2	01/10/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB2 2024 (12-14`)

Phoenix I.D.: CS37392

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	108		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	87	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	108		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	23	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	5.8	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	23	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	120	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB2 2024 (12-14`)

Phoenix I.D.: CS37392

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Chlorophenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Nitroaniline	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
2-Nitrophenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/06/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
3-Nitroaniline	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chloroaniline	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Nitroaniline	ND	540	ug/Kg	1	01/06/25	KCA	SW8270E	
4-Nitrophenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Acenaphthene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Acenaphthylene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Acetophenone	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Aniline	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
Anthracene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Benz(a)anthracene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzidine	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(a)pyrene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzo(k)fluoranthene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzoic acid	ND	680	ug/Kg	1	01/06/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
Carbazole	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
Chrysene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Dibenzofuran	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Diethyl phthalate	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Dimethylphthalate	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Di-n-butylphthalate	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E	
Di-n-octylphthalate	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	
Fluoranthene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Hexachloroethane	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Isophorone	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Naphthalene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E
Pentachloronitrobenzene	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E
Pentachlorophenol	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E
Phenanthrene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Phenol	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Pyrene	ND	240	ug/Kg	1	01/06/25	KCA	SW8270E
Pyridine	ND	340	ug/Kg	1	01/06/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	78		%	1	01/06/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	66		%	1	01/06/25	KCA	30 - 130 %
% 2-Fluorophenol	63		%	1	01/06/25	KCA	30 - 130 %
% Nitrobenzene-d5	72		%	1	01/06/25	KCA	30 - 130 %
% Phenol-d5	67		%	1	01/06/25	KCA	30 - 130 %
% Terphenyl-d14	65		%	1	01/06/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

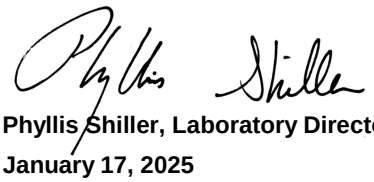
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37393

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB3 2024 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.32	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	3420	4.8	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	1.97	0.64	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	27.3	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	< 0.26	0.26	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	1400	4.8	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.32	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	4.51	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	10.5	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	24.9	0.6	mg/kg	1	01/03/25	TH	SW6010D	
Iron	13400	48	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	12.6	0.66	mg/Kg	50	01/03/25	JM	SW7471B	
Potassium	898	48	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	2000	4.8	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	157	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Sodium	157	4.8	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	11.7	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	12.8	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.2	3.2	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.3	1.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 2.9	2.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	21.8	0.32	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	30.4	0.6	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	99		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	66	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	46		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	39		%	2	01/13/25	SC	30 - 150 %
% TCMX	80		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	83		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	33	ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.3	ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	6.6	ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	33	ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	130	ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	64		%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	69		%	2	01/10/25	CN	30 - 150 %
% TCMX	65		%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	78		%	2	01/10/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB3 2024 (0-2`)

Phoenix I.D.: CS37393

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	48	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	48	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	48	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	19	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	48	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	19	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	19	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	19	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	19	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	124		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	81		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	100	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	124		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	81		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	39	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	9.7	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	39	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	190	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB3 2024 (0-2`)

Phoenix I.D.: CS37393

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	530	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	660	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Dimethylphthalate	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-butylphthalate	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-octylphthalate	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	
Fluoranthene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Phenol	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	ND	230	ug/Kg	1	01/07/25	KCA	SW8270E
Pyridine	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	55		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	45		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	51		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	49		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	52		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	42		%	1	01/07/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37394

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB3 2024 (12-14`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	2830	4.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	0.85	0.65	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	29.7	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	< 0.26	0.26	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	6800	4.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	4.14	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	7.32	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	8.9	0.7	mg/kg	1	01/03/25	TH	SW6010D	
Iron	8020	4.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Mercury	0.24	0.02	mg/Kg	2	01/03/25	JM	SW7471B	
Potassium	733	49	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	3710	4.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	210	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Sodium	101	4.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	15.4	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	3.90	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.3	3.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.3	1.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 2.9	2.9	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	13.4	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	18.5	0.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	98		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	68		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	74		%	2	01/13/25	SC	30 - 150 %
% TCMX	74		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	72		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	34	ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.3	ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	34	ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	130	ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	67		%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	55		%	2	01/10/25	CN	30 - 150 %
% TCMX	66		%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	67		%	2	01/10/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB3 2024 (12-14`)

Phoenix I.D.: CS37394

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	31	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	31	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	31	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	31	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	109		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	92	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	109		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	24	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	6.1	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	24	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	120	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	540	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	670	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dimethylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-butylphthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-octylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Phenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyridine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	68		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	58		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	61		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	60		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	62		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	54		%	1	01/07/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

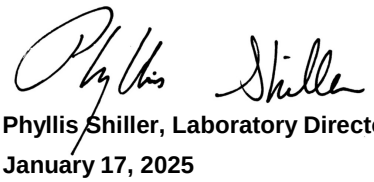
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37395

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB4 2024 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.38	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	11200	56	mg/Kg	10	01/03/25	CPP	SW6010D	
Arsenic	2.48	0.75	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	51.6	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	0.58	0.30	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	906	5.6	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.38	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	9.25	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	20.3	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	18.0	0.8	mg/kg	1	01/03/25	TH	SW6010D	
Iron	21900	56	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	0.19	0.03	mg/Kg	2	01/03/25	JM	SW7471B	
Potassium	1450	56	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	2690	5.6	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	438	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Sodium	122	5.6	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	15.2	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	9.63	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.8	3.8	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.5	1.5	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.4	3.4	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	29.8	0.38	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	73.8	0.8	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	91		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	72	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	58		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	80		%	2	01/13/25	SC	30 - 150 %
% TCMX	73		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	78		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.2	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.2	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.2	ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.6	ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.6	ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	36	ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.6	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	7.2	ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	36	ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	57		%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	56		%	2	01/10/25	CN	30 - 150 %
% TCMX	65		%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	65		%	2	01/10/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB4 2024 (0-2`)

Phoenix I.D.: CS37395

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	34	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	34	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	34	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	13	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	34	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	13	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	13	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	100	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	27	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	6.7	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	27	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	130	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB4 2024 (0-2`)

Phoenix I.D.: CS37395

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	580	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	730	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Dimethylphthalate	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-butylphthalate	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-octylphthalate	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	
Fluoranthene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Phenol	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	ND	260	ug/Kg	1	01/07/25	KCA	SW8270E
Pyridine	ND	370	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	102		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	58		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	57		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	69		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	59		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	50		%	1	01/07/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37396

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB4 2024 (12-14`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	2550	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	< 0.66	0.66	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	39.3	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	< 0.26	0.26	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	5970	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	2.91	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	5.36	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	5.6	0.7	mg/kg	1	01/03/25	CPP	SW6010D	
Iron	5710	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Mercury	< 0.03	0.03	mg/Kg	2	01/03/25	JM	SW7471B	
Potassium	608	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Magnesium	2880	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	178	0.33	mg/Kg	1	01/03/25	TH	SW6010D	
Sodium	94.3	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	12.9	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	2.08	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.3	3.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.3	1.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.0	3.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	7.37	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	12.7	0.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	97		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	64		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	74		%	2	01/13/25	SC	30 - 150 %
% TCMX	72		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	72		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	33	ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.3	ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	33	ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	130	ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	68		%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	56		%	2	01/10/25	CN	30 - 150 %
% TCMX	68		%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	68		%	2	01/10/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB4 2024 (12-14`)

Phoenix I.D.: CS37396

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	36	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	36	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	36	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	36	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	111		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	100	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	111		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	7.2	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	140	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	540	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	670	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dimethylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-butylphthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-octylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Phenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyridine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	126		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	67		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	69		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	81		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	70		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	63		%	1	01/07/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37397

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB5 2024 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.34	0.34	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	5180	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	2.58	0.67	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	39.6	0.34	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	0.33	0.27	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	8790	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	1.13	0.34	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	7.11	0.34	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	14.7	0.34	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	48.3	0.7	mg/kg	1	01/03/25	CPP	SW6010D	
Iron	17800	50	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	3.19	0.13	mg/Kg	10	01/03/25	JM	SW7471B	
Potassium	1180	50	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	2370	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	241	0.34	mg/Kg	1	01/03/25	TH	SW6010D	
Sodium	284	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	14.0	0.34	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	42.0	0.34	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.4	3.4	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.3	1.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.0	3.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	29.5	0.34	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	126	0.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	94		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB5 2024 (0-2`)

Phoenix I.D.: CS37397

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	88		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	68		%	2	01/13/25	SC	30 - 150 %
% TCMX	80		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	64		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.1	ug/Kg	2	01/10/25	AW	SW8081B
4,4' -DDE	4.4	2.1	ug/Kg	2	01/10/25	AW	SW8081B
4,4' -DDT	7.0	2.1	ug/Kg	2	01/10/25	AW	SW8081B
a-BHC	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
a-Chlordane	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
Aldrin	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
b-BHC	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Chlordane	ND	35	ug/Kg	2	01/10/25	AW	SW8081B
d-BHC	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Dieldrin	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan I	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan II	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan sulfate	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endrin	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endrin aldehyde	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endrin ketone	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/10/25	AW	SW8081B
g-Chlordane	ND	8.0	ug/Kg	2	01/10/25	AW	SW8081B
Heptachlor	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Heptachlor epoxide	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Methoxychlor	ND	35	ug/Kg	2	01/10/25	AW	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/10/25	AW	SW8081B
QA/QC Surrogates							
% DCBP	63		%	2	01/10/25	AW	30 - 150 %
% DCBP (Confirmation)	87		%	2	01/10/25	AW	30 - 150 %
% TCMX	60		%	2	01/10/25	AW	30 - 150 %
% TCMX (Confirmation)	84		%	2	01/10/25	AW	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB5 2024 (0-2`)

Phoenix I.D.: CS37397

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	82		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	111		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	86	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	82		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	111		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	23	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	5.7	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	23	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB5 2024 (0-2`)

Phoenix I.D.: CS37397

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	560	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	410	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	1100	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	2200	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	1900	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	2100	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	960	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	600	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	700	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	1800	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	330	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dimethylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-butylphthalate	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-octylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Fluoranthene	5600	240	ug/Kg	1	01/07/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	340	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	910	240	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	6200	1200	ug/Kg	5	01/07/25	KCA	SW8270E
Phenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	5000	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyridine	ND	350	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	113		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	69		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	62		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	79		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	65		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	58		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl (5x)	71		%	5	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5 (5x)	71		%	5	01/07/25	KCA	30 - 130 %
% Terphenyl-d14 (5x)	68		%	5	01/07/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

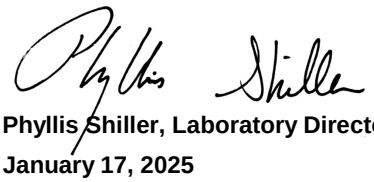
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37398

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB5 2024 (10-12`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.35	0.35	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	2910	5.2	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	1.48	0.70	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	18.1	0.35	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	< 0.28	0.28	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	1470	5.2	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.35	0.35	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	5.31	0.35	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	9.07	0.35	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	10.6	0.7	mg/kg	1	01/03/25	CPP	SW6010D	
Iron	11100	52	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	< 0.02	0.02	mg/Kg	2	01/03/25	JM	SW7471B	
Potassium	659	5.2	mg/Kg	1	01/03/25	CPP	SW6010D	
Magnesium	1880	5.2	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	215	0.35	mg/Kg	1	01/03/25	TH	SW6010D	
Sodium	108	5.2	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	16.4	0.35	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	4.19	0.35	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.5	3.5	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.4	1.4	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.1	3.1	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	25.0	0.35	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	18.2	0.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	97		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	82		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	71		%	2	01/13/25	SC	30 - 150 %
% TCMX	82		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	88		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.1	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.1	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.1	ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	34	ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.4	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	6.9	ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	34	ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	61		%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	65		%	2	01/10/25	CN	30 - 150 %
% TCMX	63		%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	69		%	2	01/10/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB5 2024 (10-12`)

Phoenix I.D.: CS37398

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	107		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	88	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	107		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	24	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	5.9	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	24	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	120	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB5 2024 (10-12`)

Phoenix I.D.: CS37398

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	540	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	670	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dimethylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-butylphthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-octylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Phenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyridine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	57		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	59		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	70		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	58		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	51		%	1	01/07/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

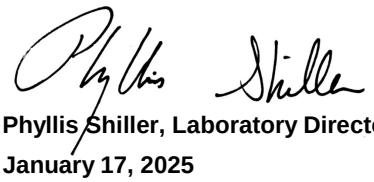
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37399

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB6 2024 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.37	0.37	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	6520	5.5	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	4.11	0.73	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	70.5	0.37	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	0.36	0.29	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	19000	55	mg/Kg	10	01/03/25	CPP	SW6010D	
Cadmium	1.83	0.37	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	6.20	0.37	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	21.5	0.37	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	50.2	0.7	mg/kg	1	01/03/25	CPP	SW6010D	
Iron	17000	55	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	4.23	0.13	mg/Kg	10	01/03/25	JM	SW7471B	
Potassium	1250	55	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	4240	5.5	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	237	0.37	mg/Kg	1	01/03/25	TH	SW6010D	
Sodium	453	5.5	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	16.1	0.37	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	111	0.37	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.7	3.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.5	1.5	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.3	3.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	25.0	0.37	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	99.2	0.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	95		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	69	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	63		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	72		%	2	01/13/25	SC	30 - 150 %
% TCMX	73		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	68		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.1	ug/Kg	2	01/10/25	AW	SW8081B
4,4' -DDE	ND	2.1	ug/Kg	2	01/10/25	AW	SW8081B
4,4' -DDT	ND	2.1	ug/Kg	2	01/10/25	AW	SW8081B
a-BHC	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
a-Chlordane	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
Aldrin	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
b-BHC	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Chlordane	ND	35	ug/Kg	2	01/10/25	AW	SW8081B
d-BHC	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Dieldrin	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan I	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan II	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endosulfan sulfate	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endrin	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endrin aldehyde	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Endrin ketone	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/10/25	AW	SW8081B
g-Chlordane	ND	3.5	ug/Kg	2	01/10/25	AW	SW8081B
Heptachlor	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Heptachlor epoxide	ND	6.9	ug/Kg	2	01/10/25	AW	SW8081B
Methoxychlor	ND	35	ug/Kg	2	01/10/25	AW	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/10/25	AW	SW8081B
QA/QC Surrogates							
% DCBP	47		%	2	01/10/25	AW	30 - 150 %
% DCBP (Confirmation)	59		%	2	01/10/25	AW	30 - 150 %
% TCMX	57		%	2	01/10/25	AW	30 - 150 %
% TCMX (Confirmation)	62		%	2	01/10/25	AW	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB6 2024 (0-2`)

Phoenix I.D.: CS37399

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	53	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	53	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	50	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	21	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	53	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	21	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	21	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	660	360	ug/Kg	50	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	180	140	ug/Kg	50	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	21	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	21	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	95		%	50	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	99		%	50	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	97		%	50	01/03/25	JLI	70 - 130 %
% Toluene-d8 (50x)	92		%	50	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	100	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	43	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	11	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	43	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	210	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB6 2024 (0-2`)

Phoenix I.D.: CS37399

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
1,2-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	550	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	300	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	410	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	1200	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	1100	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	1300	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	570	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	400	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	690	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	1100	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB6 2024 (0-2`)

Phoenix I.D.: CS37399

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Di-n-butylphthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Di-n-octylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Fluoranthene	2800	240	ug/Kg	1	01/07/25	KCA	SW8270E
Fluorene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	530	240	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	3300	240	ug/Kg	1	01/07/25	KCA	SW8270E
Phenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	2300	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyridine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	124		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	74		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	70		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	85		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	72		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	63		%	1	01/07/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
January 17, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37400

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB6 2024 (10-12`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	2980	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	1.29	0.66	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	24.7	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	< 0.26	0.26	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	4710	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	< 0.33	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	3.17	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	6.91	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	11.4	0.7	mg/kg	1	01/03/25	CPP	SW6010D	
Iron	7820	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Mercury	16.0	0.70	mg/Kg	50	01/03/25	JM	SW7471B	
Potassium	763	50	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	2710	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	154	0.33	mg/Kg	1	01/03/25	TH	SW6010D	
Sodium	106	5.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	13.6	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	21.8	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.3	3.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.3	1.3	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 3.0	3.0	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	10.2	0.33	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	34.9	0.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	91		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/13/25	R/H	SW3546	

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/13/25	R/H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
PCB-1221	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
PCB-1232	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
PCB-1242	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
PCB-1248	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
PCB-1254	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
PCB-1260	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
PCB-1262	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
PCB-1268	ND	72	ug/Kg	2	01/15/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	85		%	2	01/15/25	SC	30 - 150 %
% DCBP (Confirmation)	80		%	2	01/15/25	SC	30 - 150 %
% TCMX	86		%	2	01/15/25	SC	30 - 150 %
% TCMX (Confirmation)	90		%	2	01/15/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.2	ug/Kg	2	01/14/25	CN	SW8081B
4,4' -DDE	ND	2.2	ug/Kg	2	01/14/25	CN	SW8081B
4,4' -DDT	ND	2.2	ug/Kg	2	01/14/25	CN	SW8081B
a-BHC	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
a-Chlordane	ND	3.6	ug/Kg	2	01/14/25	CN	SW8081B
Aldrin	ND	3.6	ug/Kg	2	01/14/25	CN	SW8081B
b-BHC	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Chlordane	ND	36	ug/Kg	2	01/14/25	CN	SW8081B
d-BHC	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	01/14/25	CN	SW8081B
Endosulfan I	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Endosulfan II	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Endosulfan sulfate	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Endrin	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Endrin aldehyde	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Endrin ketone	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/14/25	CN	SW8081B
g-Chlordane	ND	3.6	ug/Kg	2	01/14/25	CN	SW8081B
Heptachlor	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Heptachlor epoxide	ND	7.2	ug/Kg	2	01/14/25	CN	SW8081B
Methoxychlor	ND	36	ug/Kg	2	01/14/25	CN	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/14/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	70		%	2	01/14/25	CN	30 - 150 %
% DCBP (Confirmation)	47		%	2	01/14/25	CN	30 - 150 %
% TCMX	58		%	2	01/14/25	CN	30 - 150 %
% TCMX (Confirmation)	52		%	2	01/14/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB6 2024 (10-12`)

Phoenix I.D.: CS37400

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
2-Hexanone	ND	36	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	36	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	36	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D	

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	36	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	570	500	ug/Kg	50	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D
o-Xylene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D
Styrene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	840	ug/Kg	50	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	1700	ug/Kg	50	01/03/25	JLI	SW8260D
Trichloroethene	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	119		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	81		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	112		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	01/03/25	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	95		%	50	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98		%	50	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	96		%	50	01/03/25	JLI	70 - 130 %
% Toluene-d8 (50x)	93		%	50	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	100	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	119		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	81		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	112		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	7.1	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	29	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	140	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: SB6 2024 (10-12`)

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
1,2-Dichlorobenzene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	330	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	580	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	730	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	1300	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	4100	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	3600	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	4700	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	1700	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	1200	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	730	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	2900	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	630	360	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	3900	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	420	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	580	250	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dimethylphthalate	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
Di-n-butylphthalate	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E
Di-n-octylphthalate	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
Fluoranthene	8700	1300	ug/Kg	5	01/07/25	KCA	SW8270E
Fluorene	560	250	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	1500	250	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	610	250	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	9200	1300	ug/Kg	5	01/07/25	KCA	SW8270E
Phenol	ND	250	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	8200	1300	ug/Kg	5	01/07/25	KCA	SW8270E
Pyridine	ND	360	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	62		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	48		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	44		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	63		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	48		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	38		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl (5x)	54		%	5	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5 (5x)	53		%	5	01/07/25	KCA	30 - 130 %
% Terphenyl-d14 (5x)	50		%	5	01/07/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
January 17, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37401

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.31	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Aluminum	4570	4.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Arsenic	2.19	0.62	mg/Kg	1	01/03/25	CPP	SW6010D	
Barium	39.4	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Beryllium	0.27	0.25	mg/Kg	1	01/03/25	CPP	SW6010D	
Calcium	7180	4.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Cadmium	0.92	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Cobalt	5.56	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Chromium	14.8	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Copper	76.1	0.6	mg/kg	1	01/03/25	CPP	SW6010D	
Iron	11800	47	mg/Kg	10	01/03/25	CPP	SW6010D	
Mercury	< 0.03	0.03	mg/Kg	2	01/03/25	JM	SW7471B	
Potassium	1060	47	mg/Kg	10	01/03/25	CPP	SW6010D	
Magnesium	2430	4.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Manganese	197	0.31	mg/Kg	1	01/03/25	TH	SW6010D	
Sodium	279	4.7	mg/Kg	1	01/03/25	CPP	SW6010D	
Nickel	16.1	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Lead	53.3	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Antimony	< 3.1	3.1	mg/Kg	1	01/03/25	CPP	SW6010D	
Selenium	< 1.2	1.2	mg/Kg	1	01/03/25	CPP	SW6010D	
Thallium	< 2.8	2.8	mg/Kg	1	01/03/25	CPP	SW6010D	
Vanadium	21.3	0.31	mg/Kg	1	01/03/25	CPP	SW6010D	
Zinc	143	0.6	mg/Kg	1	01/03/25	CPP	SW6010D	
Percent Solid	97		%		01/02/25	CV	SW846-%Solid	
Field Extraction	Completed				12/31/24		SW5035A	1
Mercury Digestion	Completed				01/03/25	AC1/AC1	SW7471B	
Soil Extraction for PCB	Completed				01/09/25	H/F	SW3546	

Ver 1

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: CS37401

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Soil Extraction for Pesticides	Completed				01/09/25	H/F	SW3546
Soil Extraction for SVOA	Completed				01/06/25	R/H/F	SW3546
Total Metals Digest	Completed				01/02/25	N/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1221	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1232	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1242	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1248	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1254	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1260	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1262	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
PCB-1268	ND	67	ug/Kg	2	01/13/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	69		%	2	01/13/25	SC	30 - 150 %
% DCBP (Confirmation)	81		%	2	01/13/25	SC	30 - 150 %
% TCMX	78		%	2	01/13/25	SC	30 - 150 %
% TCMX (Confirmation)	75		%	2	01/13/25	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDE	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
4,4' -DDT	ND	2.0	ug/Kg	2	01/10/25	CN	SW8081B
a-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
a-Chlordane	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Aldrin	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
b-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Chlordane	ND	33	ug/Kg	2	01/10/25	CN	SW8081B
d-BHC	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Dieldrin	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan I	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan II	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endosulfan sulfate	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin aldehyde	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Endrin ketone	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
g-BHC	ND	1.3	ug/Kg	2	01/10/25	CN	SW8081B
g-Chlordane	ND	3.3	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Heptachlor epoxide	ND	6.7	ug/Kg	2	01/10/25	CN	SW8081B
Methoxychlor	ND	33	ug/Kg	2	01/10/25	CN	SW8081B
Toxaphene	ND	130	ug/Kg	2	01/10/25	CN	SW8081B
QA/QC Surrogates							
% DCBP	73		%	2	01/10/25	CN	30 - 150 %
% DCBP (Confirmation)	60		%	2	01/10/25	CN	30 - 150 %
% TCMX	71		%	2	01/10/25	CN	30 - 150 %
% TCMX (Confirmation)	71		%	2	01/10/25	CN	30 - 150 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: CS37401

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	35	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	1
4-Chlorotoluene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
4-Methyl-2-pentanone	ND	35	ug/Kg	1	01/03/25	JLI	SW8260D	
Acetone	ND	35	ug/Kg	1	01/03/25	JLI	SW8260D	
Acrylonitrile	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D	
Benzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromobenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromochloromethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromodichloromethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromoform	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Bromomethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon Disulfide	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Carbon tetrachloride	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Chlorobenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloroform	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Chloromethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,2-Dichloroethene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
cis-1,3-Dichloropropene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromochloromethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Dibromomethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Dichlorodifluoromethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Ethylbenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Hexachlorobutadiene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	
Isopropylbenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D	

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: CS37401

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	35	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	90		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	88		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	100	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	90		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	88		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	28	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	7.0	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	28	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	140	ug/Kg	1	01/03/25	JLI	SW8260D
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2,4-Trichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,2-Diphenylhydrazine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
1,3-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
1,4-Dichlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: CS37401

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Chlorophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
2-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	330	ug/Kg	1	01/07/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
3-Nitroaniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chloroaniline	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitroaniline	ND	540	ug/Kg	1	01/07/25	KCA	SW8270E	
4-Nitrophenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acenaphthylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Acetophenone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Aniline	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benz(a)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzidine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(a)pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzo(k)fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzoic acid	ND	680	ug/Kg	1	01/07/25	KCA	SW8270E	
Benzyl butyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-chloroethyl)ether	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Carbazole	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Chrysene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dibenzofuran	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Diethyl phthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Dimethylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-butylphthalate	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E	
Di-n-octylphthalate	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	
Fluoranthene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E	

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: CS37401

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorobutadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Hexachloroethane	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Isophorone	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Naphthalene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Nitrobenzene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachloronitrobenzene	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Pentachlorophenol	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
Phenanthrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Phenol	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyrene	ND	240	ug/Kg	1	01/07/25	KCA	SW8270E
Pyridine	ND	340	ug/Kg	1	01/07/25	KCA	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	70		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	42		%	1	01/07/25	KCA	30 - 130 %
% 2-Fluorophenol	42		%	1	01/07/25	KCA	30 - 130 %
% Nitrobenzene-d5	50		%	1	01/07/25	KCA	30 - 130 %
% Phenol-d5	42		%	1	01/07/25	KCA	30 - 130 %
% Terphenyl-d14	38		%	1	01/07/25	KCA	30 - 130 %

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: CS37401

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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

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

Comments:

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.

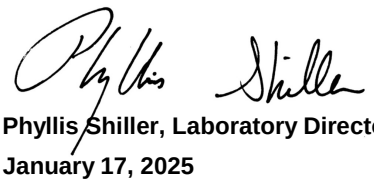
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

January 17, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37402

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: TRIP BLANKS LL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				12/31/24		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Hexanone	ND	25	ug/Kg	1	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D	1

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: TRIP BLANKS LL

Phoenix I.D.: CS37402

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	01/03/25	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	01/03/25	JLI	SW8260D
Benzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Bromobenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Bromochloromethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Bromodichloromethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Bromoform	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Bromomethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Carbon Disulfide	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Carbon tetrachloride	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Chlorobenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Chloroethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Chloroform	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Chloromethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Dibromochloromethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Dibromomethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Ethylbenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Isopropylbenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
m&p-Xylene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	01/03/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	01/03/25	JLI	SW8260D
Naphthalene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
o-Xylene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Styrene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	01/03/25	JLI	SW8260D
Toluene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Total Xylenes	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	01/03/25	JLI	SW8260D
Trichloroethene	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Vinyl chloride	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	1	01/03/25	JLI	70 - 130 %

Ver 1

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: TRIP BLANKS LL

Phoenix I.D.: CS37402

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	108		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	75	ug/kg	1	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	1	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane	108		%	1	01/03/25	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	01/03/25	JLI	SW8260D
Acrolein	ND	5.0	ug/Kg	1	01/03/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	01/03/25	JLI	SW8260D

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

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

Comments:

TRIP BLANK INCLUDED.

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
January 17, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 17, 2025

FOR: Attn: Mr Kevin Brussee
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	BG	12/31/24	
Location Code:	BRUSSEE	Received by:	B	01/02/25	16:50
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCS37389
Phoenix ID: CS37403

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: TRIP BLANKS HL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				12/31/24		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,1-Dichloroethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,1-Dichloroethene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,1-Dichloropropene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dibromoethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dichloroethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,2-Dichloropropane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,3-Dichloropropane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
2,2-Dichloropropane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
2-Chlorotoluene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	
2-Hexanone	ND	1300	ug/Kg	50	01/03/25	JLI	SW8260D	
2-Isopropyltoluene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D	1

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: TRIP BLANKS HL

Phoenix I.D.: CS37403

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	1300	ug/Kg	50	01/03/25	JLI	SW8260D
Acetone	ND	5000	ug/Kg	50	01/03/25	JLI	SW8260D
Acrylonitrile	ND	500	ug/Kg	50	01/03/25	JLI	SW8260D
Benzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Bromobenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Bromochloromethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Bromodichloromethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Bromoform	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Bromomethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Carbon Disulfide	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Carbon tetrachloride	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Chlorobenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Chloroethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Chloroform	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Chloromethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Dibromochloromethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Dibromomethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Dichlorodifluoromethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Ethylbenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Hexachlorobutadiene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Isopropylbenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
m&p-Xylene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	3000	ug/Kg	50	01/03/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Methylene chloride	ND	500	ug/Kg	50	01/03/25	JLI	SW8260D
Naphthalene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
n-Butylbenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
n-Propylbenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
o-Xylene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
p-Isopropyltoluene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
sec-Butylbenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Styrene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
tert-Butylbenzene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Tetrachloroethene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	500	ug/Kg	50	01/03/25	JLI	SW8260D
Toluene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Total Xylenes	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	50	01/03/25	JLI	SW8260D
Trichloroethene	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Trichlorofluoromethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Vinyl chloride	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (50x)	104		%	50	01/03/25	JLI	70 - 130 %

Ver 1

Project ID: 60 N 1ST STREET BROOKLYN NY
Client ID: TRIP BLANKS HL

Phoenix I.D.: CS37403

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	97		%	50	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	99		%	50	01/03/25	JLI	70 - 130 %
% Toluene-d8 (50x)	100		%	50	01/03/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	3800	ug/kg	50	01/03/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (50x)	104		%	50	01/03/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97		%	50	01/03/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	99		%	50	01/03/25	JLI	70 - 130 %
% Toluene-d8 (50x)	100		%	50	01/03/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1000	ug/Kg	50	01/03/25	JLI	SW8260D
Acrolein	ND	250	ug/Kg	50	01/03/25	JLI	SW8260D
Acrylonitrile	ND	1000	ug/Kg	50	01/03/25	JLI	SW8260D
Tert-butyl alcohol	ND	5000	ug/Kg	50	01/03/25	JLI	SW8260D

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

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

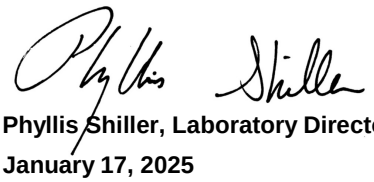
Comments:

TRIP BLANK INCLUDED.

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
January 17, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 17, 2025

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 764966 (mg/kg), QC Sample No: CS37364 2X (CS37389)														
Mercury - Soil	BRL	0.03	0.05	0.04	NC	91.6	104	12.7	105	107	1.9	70 - 130	30	
Comment: Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 764967 (mg/kg), QC Sample No: CS37390 2X (CS37390, CS37391, CS37392, CS37393, CS37394, CS37395, CS37396, CS37397, CS37398, CS37399, CS37400, CS37401)														
Mercury - Soil	BRL	0.03	6.57	5.87	11.3	106	100	5.8	NC	NC	NC	70 - 130	30	
Comment: Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 764918 (mg/kg), QC Sample No: CS37364 (CS37389, CS37390, CS37391, CS37392, CS37393, CS37394, CS37395)														
ICP Metals - Soil														
Aluminum	BRL	5.0	11000	10900	0.90	106	105	0.9	NC			75 - 125	30	
Antimony	BRL	3.3	<4.2	<4.2	NC	82.6	82.4	0.2	91.3			75 - 125	30	
Arsenic	BRL	0.67	3.06	3.33	NC	89.6	93.3	4.0	101			75 - 125	30	
Barium	BRL	0.33	48.3	50.4	4.30	105	94.4	10.6	113			75 - 125	30	
Beryllium	BRL	0.27	0.43	0.42	NC	95.9	100	4.2	105			75 - 125	30	
Cadmium	BRL	0.33	<0.42	<0.42	NC	96.9	103	6.1	105			75 - 125	30	
Calcium	BRL	5.0	2990	4210	33.9	93.6	97.2	3.8	NC			75 - 125	30	r
Chromium	BRL	0.33	15.5	16.2	4.40	97.7	99.3	1.6	108			75 - 125	30	
Cobalt	BRL	0.33	5.87	6.34	7.70	98.2	102	3.8	105			75 - 125	30	
Copper	BRL	2.5	16.7	16.6	0.60	100	101	1.0	106			75 - 125	30	
Iron	BRL	5.0	17300	16600	4.10	98.9	105	6.0	NC			75 - 125	30	
Lead	BRL	0.33	27.0	28.5	5.40	98.6	102	3.4	106			75 - 125	30	
Magnesium	BRL	5.0	2520	3300	26.8	100	101	1.0	NC			75 - 125	30	
Manganese	BRL	0.33	312	309	1.00	111	97.0	13.5	109			75 - 125	30	
Nickel	BRL	0.33	10.4	11.4	9.20	96.9	101	4.1	104			75 - 125	30	
Potassium	BRL	5.0	743	814	9.10	95.4	97.1	1.8	>130			75 - 125	30	m
Selenium	BRL	1.3	<1.7	<1.7	NC	82.4	85.5	3.7	88.6			75 - 125	30	
Silver	BRL	0.33	<0.42	<0.42	NC	91.5	95.6	4.4	100			75 - 125	30	
Sodium	BRL	5.0	205	231	11.9	92.0	95.9	4.2	>130			75 - 125	30	m
Thallium	BRL	3.0	<2.2	<3.7	NC	97.3	102	4.7	105			75 - 125	30	
Vanadium	BRL	0.33	28.5	28.2	1.10	98.2	102	3.8	109			75 - 125	30	
Zinc	BRL	0.67	58.3	58.8	0.90	96.2	98.8	2.7	97.6			75 - 125	30	
Comment: Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.														
QA/QC Batch 764924 (mg/kg), QC Sample No: CS37396 (CS37396, CS37397, CS37398, CS37399, CS37400, CS37401)														
ICP Metals - Soil														
Aluminum	BRL	5.0	2550	2610	2.30	108	108	0.0	NC			75 - 125	30	
Antimony	BRL	3.3	<3.3	<3.2	NC	93.2	83.9	10.5	94.4			75 - 125	30	
Arsenic	BRL	0.67	<0.66	0.90	NC	96.9	91.2	6.1	97.5			75 - 125	30	

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Barium	BRL	0.33	39.3	39.1	0.50	119	99.2	18.1	109			75 - 125	30	
Beryllium	BRL	0.27	<0.26	<0.26	NC	106	95.7	10.2	102			75 - 125	30	
Cadmium	BRL	0.33	<0.33	<0.32	NC	108	96.9	10.8	101			75 - 125	30	
Calcium	BRL	5.0	5970	5660	5.30	101	92.9	8.4	NC			75 - 125	30	
Chromium	BRL	0.33	5.36	5.53	3.10	109	100	8.6	104			75 - 125	30	
Cobalt	BRL	0.33	2.91	2.75	5.70	106	98.3	7.5	101			75 - 125	30	
Copper	BRL	0.67	5.6	5.28	5.90	108	97.1	10.6	103			75 - 125	30	
Iron	BRL	5.0	5710	5690	0.40	102	102	0.0	NC			75 - 125	30	
Lead	BRL	0.33	2.08	2.48	17.5	102	100	2.0	101			75 - 125	30	
Magnesium	BRL	5.0	2880	2600	10.2	105	102	2.9	NC			75 - 125	30	
Manganese	BRL	0.33	178	161	10.0	>130	101	NC	90.8			75 - 125	30	l
Nickel	BRL	0.33	12.9	10.8	17.7	106	97.3	8.6	101			75 - 125	30	
Potassium	BRL	5.0	608	615	1.10	101	96.9	4.1	>130			75 - 125	30	m
Selenium	BRL	1.3	<1.3	<1.3	NC	91.4	84.8	7.5	86.6			75 - 125	30	
Silver	BRL	0.33	<0.33	<0.32	NC	96.6	93.1	3.7	98.2			75 - 125	30	
Sodium	BRL	5.0	94.3	100	5.90	98.1	92.2	6.2	>130			75 - 125	30	m
Thallium	BRL	3.0	<3.0	<2.9	NC	110	98.5	11.0	101			75 - 125	30	
Vanadium	BRL	0.33	7.37	7.98	7.90	109	100	8.6	103			75 - 125	30	
Zinc	BRL	0.67	12.7	12.1	4.80	102	95.0	7.1	97.9			75 - 125	30	

Comment:

Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.

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.

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

NY # 11301

QA/QC Report

January 17, 2025

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 765763 (ug/Kg), QC Sample No: CS37389 2X (CS37389, CS37390)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	87	81	7.1	63	75	17.4	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	84	80	4.9	58	73	22.9	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	74	%	91	87	4.5	62	82	27.8	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	68	%	89	94	5.5	60	84	33.3	30 - 150	30	r
% TCMX (Surrogate Rec)	72	%	84	84	0.0	63	84	28.6	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	67	%	72	86	17.7	65	85	26.7	30 - 150	30	
QA/QC Batch 765811 (ug/Kg), QC Sample No: CS37392 2X (CS37391, CS37392, CS37393, CS37394, CS37395, CS37396, CS37397, CS37398, CS37399, CS37401)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	106	96	9.9	76	71	6.8	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	99	94	5.2	73	64	13.1	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	90	%	101	93	8.2	70	64	9.0	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	82	%	94	106	12.0	76	67	12.6	30 - 150	30	
% TCMX (Surrogate Rec)	79	%	106	100	5.8	80	73	9.2	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	85	%	95	96	1.0	78	71	9.4	30 - 150	30	
QA/QC Batch 766231 (ug/Kg), QC Sample No: CS37400 2X (CS37400)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	95	103	8.1	106	94	12.0	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	95	104	9.0	102	93	9.2	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% DCBP (Surrogate Rec)	75	%		88	100	12.8	97	90	7.5	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	72	%		87	101	14.9	96	91	5.3	30 - 150	30	
% TCMX (Surrogate Rec)	74	%		89	98	9.6	98	90	8.5	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	79	%		98	105	6.9	106	97	8.9	30 - 150	30	
QA/QC Batch 765764 (ug/Kg), QC Sample No: CS37389 2X (CS37389, CS37390)												
Pesticides - Soil												
4,4' -DDD	ND	1.7		59	63	6.6	41	51	21.7	40 - 140	30	
4,4' -DDE	ND	1.7		66	69	4.4	47	52	10.1	40 - 140	30	
4,4' -DDT	ND	1.7		62	66	6.3	43	49	13.0	40 - 140	30	
a-BHC	ND	1.0		65	64	1.6	41	51	21.7	40 - 140	30	
a-Chlordane	ND	3.3		65	71	8.8	46	44	4.4	40 - 140	30	
Aldrin	ND	1.0		67	66	1.5	49	54	9.7	40 - 140	30	
b-BHC	ND	1.0		67	69	2.9	51	64	22.6	40 - 140	30	
Chlordane	ND	33		68	71	4.3	49	46	6.3	40 - 140	30	
d-BHC	ND	3.3		51	58	12.8	41	47	13.6	40 - 140	30	
Dieldrin	ND	1.0		63	68	7.6	44	52	16.7	40 - 140	30	
Endosulfan I	ND	3.3		64	64	0.0	44	46	4.4	40 - 140	30	
Endosulfan II	ND	3.3		65	69	6.0	43	46	6.7	40 - 140	30	
Endosulfan sulfate	ND	3.3		62	67	7.8	36	41	13.0	40 - 140	30	
Endrin	ND	3.3		66	70	5.9	46	54	16.0	40 - 140	30	
Endrin aldehyde	ND	3.3		53	54	1.9	31	29	6.7	40 - 140	30	m
Endrin ketone	ND	3.3		72	75	4.1	50	60	18.2	40 - 140	30	
g-BHC	ND	1.0		67	67	0.0	45	58	25.2	40 - 140	30	
g-Chlordane	ND	3.3		68	71	4.3	49	46	6.3	40 - 140	30	
Heptachlor	ND	3.3		61	61	0.0	44	51	14.7	40 - 140	30	
Heptachlor epoxide	ND	3.3		63	66	4.7	44	48	8.7	40 - 140	30	
Methoxychlor	ND	3.3		47	60	24.3	33	42	24.0	40 - 140	30	
Toxaphene	ND	130		NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	43	%		64	68	6.1	46	44	4.4	30 - 150	30	
% DCBP (Confirmation)	42	%		64	67	4.6	51	53	3.8	30 - 150	30	
% TCMX	43	%		62	61	1.6	43	50	15.1	30 - 150	30	
% TCMX (Confirmation)	48	%		63	64	1.6	47	53	12.0	30 - 150	30	
Comment:												
8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.												
QA/QC Batch 765812 (ug/Kg), QC Sample No: CS37392 2X (CS37391, CS37392, CS37393, CS37394, CS37395, CS37396, CS37397, CS37398, CS37399, CS37401)												
Pesticides - Soil												
4,4' -DDD	ND	1.7		72	77	6.7	65	67	3.0	40 - 140	30	
4,4' -DDE	ND	1.7		71	75	5.5	67	67	0.0	40 - 140	30	
4,4' -DDT	ND	1.7		75	79	5.2	57	64	11.6	40 - 140	30	
a-BHC	ND	1.0		66	70	5.9	62	64	3.2	40 - 140	30	
a-Chlordane	ND	3.3		69	72	4.3	66	67	1.5	40 - 140	30	
Aldrin	ND	1.0		74	75	1.3	68	70	2.9	40 - 140	30	
b-BHC	ND	1.0		72	74	2.7	71	69	2.9	40 - 140	30	
Chlordane	ND	33		78	81	3.8	74	75	1.3	40 - 140	30	
d-BHC	ND	3.3		77	78	1.3	62	70	12.1	40 - 140	30	
Dieldrin	ND	1.0		70	74	5.6	65	67	3.0	40 - 140	30	
Endosulfan I	ND	3.3		76	78	2.6	58	68	15.9	40 - 140	30	
Endosulfan II	ND	3.3		74	78	5.3	50	64	24.6	40 - 140	30	
Endosulfan sulfate	ND	3.3		74	78	5.3	45	63	33.3	40 - 140	30	r
Endrin	ND	3.3		76	79	3.9	66	71	7.3	40 - 140	30	

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Endrin aldehyde	ND	3.3	64	68	6.1	21	38	57.6	40 - 140	30	m,r
Endrin ketone	ND	3.3	77	83	7.5	70	73	4.2	40 - 140	30	
g-BHC	ND	1.0	80	82	2.5	74	76	2.7	40 - 140	30	
g-Chlordane	ND	3.3	78	81	3.8	74	75	1.3	40 - 140	30	
Heptachlor	ND	3.3	74	76	2.7	64	68	6.1	40 - 140	30	
Heptachlor epoxide	ND	3.3	67	70	4.4	68	69	1.5	40 - 140	30	
Methoxychlor	ND	3.3	69	74	7.0	41	60	37.6	40 - 140	30	r
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	66	%	70	73	4.2	54	62	13.8	30 - 150	30	
% DCBP (Confirmation)	57	%	60	63	4.9	44	50	12.8	30 - 150	30	
% TCMX	67	%	73	73	0.0	70	72	2.8	30 - 150	30	
% TCMX (Confirmation)	62	%	71	71	0.0	68	69	1.5	30 - 150	30	

Comment:

8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.

QA/QC Batch 766232 (ug/Kg), QC Sample No: CS37400 2X (CS37400)

Pesticides - Soil

4,4' -DDD	ND	1.7	66	68	3.0	61	49	21.8	40 - 140	30	
4,4' -DDE	ND	1.7	62	64	3.2	61	49	21.8	40 - 140	30	
4,4' -DDT	ND	1.7	68	77	12.4	66	48	31.6	40 - 140	30	r
a-BHC	ND	1.0	54	56	3.6	52	51	1.9	40 - 140	30	
a-Chlordane	ND	3.3	60	62	3.3	58	45	25.2	40 - 140	30	
Aldrin	ND	1.0	63	65	3.1	59	51	14.5	40 - 140	30	
b-BHC	ND	1.0	60	63	4.9	63	51	21.1	40 - 140	30	
Chlordane	ND	33	71	71	0.0	67	53	23.3	40 - 140	30	
d-BHC	ND	3.3	59	54	8.8	64	47	30.6	40 - 140	30	r
Dieldrin	ND	1.0	60	62	3.3	57	53	7.3	40 - 140	30	
Endosulfan I	ND	3.3	63	63	0.0	64	57	11.6	40 - 140	30	
Endosulfan II	ND	3.3	79	81	2.5	66	52	23.7	40 - 140	30	
Endosulfan sulfate	ND	3.3	70	74	5.6	72	51	34.1	40 - 140	30	r
Endrin	ND	3.3	66	69	4.4	63	55	13.6	40 - 140	30	
Endrin aldehyde	ND	3.3	64	68	6.1	74	64	14.5	40 - 140	30	
Endrin ketone	ND	3.3	77	80	3.8	77	56	31.6	40 - 140	30	r
g-BHC	ND	1.0	66	66	0.0	65	51	24.1	40 - 140	30	
g-Chlordane	ND	3.3	71	71	0.0	67	53	23.3	40 - 140	30	
Heptachlor	ND	3.3	64	65	1.6	61	51	17.9	40 - 140	30	
Heptachlor epoxide	ND	3.3	58	58	0.0	61	51	17.9	40 - 140	30	
Methoxychlor	ND	3.3	72	75	4.1	70	58	18.8	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	72	%	67	69	2.9	66	41	46.7	30 - 150	30	r
% DCBP (Confirmation)	47	%	45	47	4.3	39	66	51.4	30 - 150	30	r
% TCMX	64	%	60	61	1.7	57	47	19.2	30 - 150	30	
% TCMX (Confirmation)	51	%	50	50	0.0	46	56	19.6	30 - 150	30	

Comment:

8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.

QA/QC Batch 765039 (ug/kg), QC Sample No: CS36321 (CS37389, CS37390, CS37391, CS37392)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	62	64	3.2	57	49	15.1	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	62	55	12.0	59	49	18.5	40 - 140	30	
1,2-Dichlorobenzene	ND	180	70	55	24.0	63	51	21.1	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	73	87	17.5	68	59	14.2	40 - 140	30	

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichlorobenzene	ND	230	65	53	20.3	61	49	21.8	40 - 140	30	
1,4-Dichlorobenzene	ND	230	64	52	20.7	61	48	23.9	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	62	53	15.7	57	47	19.2	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	81	93	13.8	73	62	16.3	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	88	101	13.8	78	66	16.7	30 - 130	30	
2,4-Dichlorophenol	ND	130	73	77	5.3	67	57	16.1	30 - 130	30	
2,4-Dimethylphenol	ND	230	74	77	4.0	66	58	12.9	30 - 130	30	
2,4-Dinitrophenol	ND	230	106	118	10.7	88	74	17.3	30 - 130	30	
2,4-Dinitrotoluene	ND	130	96	115	18.0	87	75	14.8	30 - 130	30	
2,6-Dinitrotoluene	ND	130	91	109	18.0	84	72	15.4	40 - 140	30	
2-Chloronaphthalene	ND	230	75	79	5.2	68	57	17.6	40 - 140	30	
2-Chlorophenol	ND	230	79	67	16.4	71	58	20.2	30 - 130	30	
2-Methylnaphthalene	ND	230	67	68	1.5	62	53	15.7	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	75	70	6.9	67	56	17.9	40 - 140	30	
2-Nitroaniline	ND	330	138	166	18.4	130	114	13.1	40 - 140	30	l
2-Nitrophenol	ND	230	70	68	2.9	66	56	16.4	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	87	86	1.2	77	64	18.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	81	86	6.0	79	67	16.4	40 - 140	30	
3-Nitroaniline	ND	330	89	113	23.8	89	77	14.5	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	102	114	11.1	92	79	15.2	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	79	89	11.9	69	58	17.3	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	78	92	16.5	71	64	10.4	30 - 130	30	
4-Chloroaniline	ND	230	50	70	33.3	61	55	10.3	40 - 140	30	r
4-Chlorophenyl phenyl ether	ND	230	78	90	14.3	69	59	15.6	40 - 140	30	
4-Nitroaniline	ND	230	95	111	15.5	86	73	16.4	40 - 140	30	
4-Nitrophenol	ND	230	129	153	17.0	125	106	16.5	30 - 130	30	l
Acenaphthene	ND	230	74	83	11.5	68	57	17.6	30 - 130	30	
Acenaphthylene	ND	130	71	76	6.8	64	54	16.9	40 - 140	30	
Acetophenone	ND	230	68	61	10.9	61	50	19.8	40 - 140	30	
Aniline	ND	330	62	57	8.4	61	52	15.9	40 - 140	30	
Anthracene	ND	230	77	91	16.7	72	62	14.9	40 - 140	30	
Benz(a)anthracene	ND	230	79	92	15.2	73	61	17.9	40 - 140	30	
Benzidine	ND	330	45	73	47.5	49	48	2.1	40 - 140	30	r
Benzo(a)pyrene	ND	130	80	94	16.1	74	63	16.1	40 - 140	30	
Benzo(b)fluoranthene	ND	160	81	95	15.9	76	63	18.7	40 - 140	30	
Benzo(ghi)perylene	ND	230	84	98	15.4	77	66	15.4	40 - 140	30	
Benzo(k)fluoranthene	ND	230	79	95	18.4	73	62	16.3	40 - 140	30	
Benzoic Acid	ND	670	81	88	8.3	67	58	14.4	30 - 130	30	
Benzyl butyl phthalate	ND	230	85	101	17.2	79	67	16.4	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	68	67	1.5	63	53	17.2	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	69	58	17.3	63	51	21.1	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	83	99	17.6	78	66	16.7	40 - 140	30	
Carbazole	ND	230	78	91	15.4	74	63	16.1	40 - 140	30	
Chrysene	ND	230	77	91	16.7	71	59	18.5	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	88	104	16.7	80	69	14.8	40 - 140	30	
Dibenzofuran	ND	230	76	87	13.5	70	60	15.4	40 - 140	30	
Diethyl phthalate	ND	230	80	97	19.2	75	65	14.3	40 - 140	30	
Dimethylphthalate	ND	230	78	92	16.5	72	62	14.9	40 - 140	30	
Di-n-butylphthalate	ND	670	80	97	19.2	77	67	13.9	40 - 140	30	
Di-n-octylphthalate	ND	230	89	105	16.5	85	71	17.9	40 - 140	30	
Fluoranthene	ND	230	78	94	18.6	73	63	14.7	40 - 140	30	
Fluorene	ND	230	83	95	13.5	75	63	17.4	40 - 140	30	
Hexachlorobenzene	ND	130	78	93	17.5	71	61	15.2	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	230	61	52	15.9	58	47	21.0	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	60	53	12.4	51	41	21.7	40 - 140	30	
Hexachloroethane	ND	130	68	56	19.4	63	51	21.1	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	83	98	16.6	76	65	15.6	40 - 140	30	
Isophorone	ND	130	63	66	4.7	59	51	14.5	40 - 140	30	
Naphthalene	ND	230	69	64	7.5	66	55	18.2	40 - 140	30	
Nitrobenzene	ND	130	76	67	12.6	69	57	19.0	40 - 140	30	
N-Nitrosodimethylamine	ND	230	67	53	23.3	62	50	21.4	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	72	70	2.8	66	54	20.0	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	75	89	17.1	70	59	17.1	40 - 140	30	
Pentachloronitrobenzene	ND	230	86	100	15.1	76	66	14.1	40 - 140	30	
Pentachlorophenol	ND	230	90	104	14.4	79	70	12.1	30 - 130	30	
Phenanthrene	ND	130	76	89	15.8	70	59	17.1	40 - 140	30	
Phenol	ND	230	81	74	9.0	73	61	17.9	30 - 130	30	
Pyrene	ND	230	77	93	18.8	73	62	16.3	30 - 130	30	
Pyridine	ND	230	51	43	17.0	50	40	22.2	40 - 140	30	
% 2,4,6-Tribromophenol	82	%	89	102	13.6	79	68	15.0	30 - 130	30	
% 2-Fluorobiphenyl	66	%	74	78	5.3	67	55	19.7	30 - 130	30	
% 2-Fluorophenol	68	%	72	60	18.2	66	52	23.7	30 - 130	30	
% Nitrobenzene-d5	73	%	76	67	12.6	69	55	22.6	30 - 130	30	
% Phenol-d5	67	%	76	68	11.1	67	55	19.7	30 - 130	30	
% Terphenyl-d14	70	%	70	80	13.3	63	54	15.4	30 - 130	30	

Comment:

Additional 8270 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 765241 (ug/kg), QC Sample No: CS37393 (CS37393, CS37394, CS37395, CS37396, CS37397, CS37398, CS37399, CS37400, CS37401)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	50	49	2.0	63	57	10.0	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	49	50	2.0	63	59	6.6	40 - 140	30	
1,2-Dichlorobenzene	ND	180	49	50	2.0	63	58	8.3	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	53	52	1.9	70	61	13.7	40 - 140	30	
1,3-Dichlorobenzene	ND	230	45	46	2.2	60	54	10.5	40 - 140	30	
1,4-Dichlorobenzene	ND	230	45	46	2.2	60	55	8.7	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	42	43	2.4	54	49	9.7	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	59	59	0.0	74	64	14.5	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	60	60	0.0	78	67	15.2	30 - 130	30	
2,4-Dichlorophenol	ND	130	59	59	0.0	72	65	10.2	30 - 130	30	
2,4-Dimethylphenol	ND	230	60	59	1.7	72	62	14.9	30 - 130	30	
2,4-Dinitrophenol	ND	230	12	<10	NC	33	16	69.4	30 - 130	30	l,m,r
2,4-Dinitrotoluene	ND	130	61	60	1.7	83	72	14.2	30 - 130	30	
2,6-Dinitrotoluene	ND	130	58	58	0.0	78	67	15.2	40 - 140	30	
2-Chloronaphthalene	ND	230	54	54	0.0	69	63	9.1	40 - 140	30	
2-Chlorophenol	ND	230	57	58	1.7	71	64	10.4	30 - 130	30	
2-Methylnaphthalene	ND	230	54	55	1.8	69	63	9.1	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	62	61	1.6	74	67	9.9	40 - 140	30	
2-Nitroaniline	ND	330	109	102	6.6	138	121	13.1	40 - 140	30	
2-Nitrophenol	ND	230	54	53	1.9	69	65	6.0	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	62	61	1.6	74	66	11.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	55	54	1.8	68	57	17.6	40 - 140	30	
3-Nitroaniline	ND	330	71	68	4.3	90	79	13.0	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	23	15	42.1	51	32	45.8	30 - 130	30	l,r

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Bromophenyl phenyl ether	ND	230	55	55	0.0	76	66	14.1	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	64	62	3.2	79	70	12.1	30 - 130	30	
4-Chloroaniline	ND	230	66	63	4.7	76	70	8.2	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	54	54	0.0	71	63	11.9	40 - 140	30	
4-Nitroaniline	ND	230	62	62	0.0	80	71	11.9	40 - 140	30	
4-Nitrophenol	ND	230	63	58	8.3	78	63	21.3	30 - 130	30	
Acenaphthene	ND	230	55	54	1.8	69	63	9.1	30 - 130	30	
Acenaphthylene	ND	130	49	49	0.0	64	57	11.6	40 - 140	30	
Acetophenone	ND	230	51	51	0.0	63	58	8.3	40 - 140	30	
Aniline	ND	330	58	57	1.7	67	61	9.4	40 - 140	30	
Anthracene	ND	230	57	56	1.8	76	66	14.1	40 - 140	30	
Benz(a)anthracene	ND	230	56	56	0.0	77	67	13.9	40 - 140	30	
Benzidine	ND	330	56	52	7.4	50	35	35.3	40 - 140	30	m,r
Benzo(a)pyrene	ND	130	56	56	0.0	78	67	15.2	40 - 140	30	
Benzo(b)fluoranthene	ND	160	54	56	3.6	78	68	13.7	40 - 140	30	
Benzo(ghi)perylene	ND	230	55	56	1.8	75	65	14.3	40 - 140	30	
Benzo(k)fluoranthene	ND	230	56	55	1.8	78	67	15.2	40 - 140	30	
Benzoic Acid	ND	670	12	<10	NC	29	13	76.2	30 - 130	30	l,m,r
Benzyl butyl phthalate	ND	230	61	61	0.0	85	73	15.2	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	54	54	0.0	68	62	9.2	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	39	41	5.0	51	47	8.2	40 - 140	30	l
Bis(2-ethylhexyl)phthalate	ND	230	61	61	0.0	84	72	15.4	40 - 140	30	
Carbazole	ND	230	60	59	1.7	80	68	16.2	40 - 140	30	
Chrysene	ND	230	57	56	1.8	78	67	15.2	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	57	58	1.7	77	67	13.9	40 - 140	30	
Dibenzofuran	ND	230	55	55	0.0	72	64	11.8	40 - 140	30	
Diethyl phthalate	ND	230	59	56	5.2	78	67	15.2	40 - 140	30	
Dimethylphthalate	ND	230	58	57	1.7	75	67	11.3	40 - 140	30	
Di-n-butylphthalate	ND	670	59	59	0.0	80	70	13.3	40 - 140	30	
Di-n-octylphthalate	ND	230	61	62	1.6	87	74	16.1	40 - 140	30	
Fluoranthene	ND	230	57	55	3.6	78	69	12.2	40 - 140	30	
Fluorene	ND	230	56	55	1.8	73	65	11.6	40 - 140	30	
Hexachlorobenzene	ND	130	57	58	1.7	77	68	12.4	40 - 140	30	
Hexachlorobutadiene	ND	230	47	49	4.2	62	58	6.7	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	29	27	7.1	47	43	8.9	40 - 140	30	l
Hexachloroethane	ND	130	46	46	0.0	61	57	6.8	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	54	54	0.0	73	65	11.6	40 - 140	30	
Isophorone	ND	130	49	49	0.0	61	56	8.5	40 - 140	30	
Naphthalene	ND	230	50	50	0.0	64	59	8.1	40 - 140	30	
Nitrobenzene	ND	130	54	53	1.9	68	62	9.2	40 - 140	30	
N-Nitrosodimethylamine	ND	230	51	51	0.0	62	58	6.7	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	56	56	0.0	69	62	10.7	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	56	53	5.5	72	62	14.9	40 - 140	30	
Pentachloronitrobenzene	ND	230	56	55	1.8	75	68	9.8	40 - 140	30	
Pentachlorophenol	ND	230	56	53	5.5	70	54	25.8	30 - 130	30	
Phenanthrene	ND	130	56	55	1.8	76	67	12.6	40 - 140	30	
Phenol	ND	230	60	60	0.0	72	66	8.7	30 - 130	30	
Pyrene	ND	230	56	55	1.8	76	68	11.1	30 - 130	30	
Pyridine	ND	230	43	43	0.0	48	45	6.5	40 - 140	30	
% 2,4,6-Tribromophenol	65	%	58	59	1.7	79	70	12.1	30 - 130	30	
% 2-Fluorobiphenyl	53	%	51	52	1.9	64	61	4.8	30 - 130	30	
% 2-Fluorophenol	63	%	55	55	0.0	68	63	7.6	30 - 130	30	
% Nitrobenzene-d5	60	%	53	54	1.9	65	62	4.7	30 - 130	30	

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Phenol-d5	64	%		58	59	1.7	70	66	5.9	30 - 130	30
% Terphenyl-d14	49	%		47	47	0.0	64	56	13.3	30 - 130	30

Comment:

Additional 8270 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 764925 (ug/kg), QC Sample No: CS37390 (CS37390)

Polynuclear Aromatic HC - Soil

1,4-dioxane	ND	67		43	46	6.7	44			30 - 130	30
% 2-Fluorobiphenyl	58	%		62	46	29.6	60			30 - 130	30
% Nitrobenzene-d5	69	%		97	83	15.6	119			30 - 130	30
% Terphenyl-d14	66	%		72	64	11.8	73			30 - 130	30

Comment:

This batch consists of a Blank, LCS, LCSD and MS.

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 765182H (ug/kg), QC Sample No: CS36928 50X (CS37390 (50X) , CS37399 (50X) , CS37400 (50X))

Volatiles - Soil (High Level)

1,1,2,2-Tetrachloroethane	ND	250		98	100	2.0	94	103	9.1	70 - 130	20
1,2,3-Trichlorobenzene	ND	250		109	108	0.9	101	109	7.6	70 - 130	20
1,2,3-Trichloropropane	ND	250		93	95	2.1	90	99	9.5	70 - 130	20
1,2,4-Trichlorobenzene	ND	250		108	104	3.8	98	105	6.9	70 - 130	20
1,2,4-Trimethylbenzene	ND	250		105	104	1.0	100	105	4.9	70 - 130	20
1,2-Dibromo-3-chloropropane	ND	250		102	104	1.9	99	108	8.7	70 - 130	20
1,2-Dichlorobenzene	ND	250		107	107	0.0	101	107	5.8	70 - 130	20
1,3,5-Trimethylbenzene	ND	250		104	104	0.0	101	104	2.9	70 - 130	20
1,3-Dichlorobenzene	ND	250		105	105	0.0	98	104	5.9	70 - 130	20
1,4-Dichlorobenzene	ND	250		108	106	1.9	100	107	6.8	70 - 130	20
2-Chlorotoluene	ND	250		107	107	0.0	101	106	4.8	70 - 130	20
2-Isopropyltoluene	ND	250		110	109	0.9	104	109	4.7	70 - 130	20
4-Chlorotoluene	ND	250		107	105	1.9	101	105	3.9	70 - 130	20
Bromobenzene	ND	250		106	107	0.9	100	106	5.8	70 - 130	20
Hexachlorobutadiene	ND	250		114	114	0.0	109	113	3.6	70 - 130	20
Isopropylbenzene	ND	250		107	107	0.0	101	106	4.8	70 - 130	20
Naphthalene	ND	250		104	105	1.0	99	107	7.8	70 - 130	20
n-Butylbenzene	ND	250		114	112	1.8	107	113	5.5	70 - 130	20
n-Propylbenzene	ND	250		109	108	0.9	103	108	4.7	70 - 130	20
p-Isopropyltoluene	ND	250		108	108	0.0	103	109	5.7	70 - 130	20
sec-Butylbenzene	ND	250		107	107	0.0	103	107	3.8	70 - 130	20
tert-Butylbenzene	ND	250		105	107	1.9	102	107	4.8	70 - 130	20
Tetrachloroethene	ND	250		112	113	0.9	104	113	8.3	70 - 130	20
trans-1,4-dichloro-2-butene	ND	250		102	104	1.9	95	104	9.0	70 - 130	20
% 1,2-dichlorobenzene-d4	96	%		100	101	1.0	101	101	0.0	70 - 130	20
% Bromofluorobenzene	98	%		102	101	1.0	102	100	2.0	70 - 130	20
% Dibromofluoromethane	101	%		98	97	1.0	98	98	0.0	70 - 130	20
% Toluene-d8	92	%		103	104	1.0	102	104	1.9	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 765026 (ug/kg), QC Sample No: CS37395 (CS37389, CS37390, CS37391, CS37392, CS37393, CS37394, CS37395, CS37396, CS37397, CS37398, CS37399, CS37400, CS37401, CS37402)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0		107	105	1.9	104	103	1.0	70 - 130	20

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1-Trichloroethane	ND	5.0	105	103	1.9	101	99	2.0	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	103	103	0.0	110	110	0.0	70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	102	102	0.0	101	100	1.0	70 - 130	20	
1,1-Dichloroethane	ND	5.0	102	100	2.0	99	98	1.0	70 - 130	20	
1,1-Dichloroethene	ND	5.0	101	100	1.0	97	96	1.0	70 - 130	20	
1,1-Dichloropropene	ND	5.0	110	105	4.7	105	101	3.9	70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	114	111	2.7	80	71	11.9	70 - 130	20	
1,2,3-Trichloropropane	ND	5.0	107	105	1.9	115	116	0.9	70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0	118	113	4.3	82	72	13.0	70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	116	113	2.6	115	112	2.6	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0	114	112	1.8	107	108	0.9	70 - 130	20	
1,2-Dibromoethane	ND	5.0	108	103	4.7	104	103	1.0	70 - 130	20	
1,2-Dichlorobenzene	ND	5.0	103	102	1.0	99	97	2.0	70 - 130	20	
1,2-Dichloroethane	ND	5.0	101	99	2.0	98	98	0.0	70 - 130	20	
1,2-Dichloropropane	ND	5.0	102	102	0.0	103	101	2.0	70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	117	112	4.4	117	113	3.5	70 - 130	20	
1,3-Dichlorobenzene	ND	5.0	107	104	2.8	103	99	4.0	70 - 130	20	
1,3-Dichloropropane	ND	5.0	106	103	2.9	104	104	0.0	70 - 130	20	
1,4-Dichlorobenzene	ND	5.0	105	102	2.9	100	97	3.0	70 - 130	20	
1,4-dioxane	ND	100	109	98	10.6	105	100	4.9	70 - 130	20	
2,2-Dichloropropane	ND	5.0	105	103	1.9	97	94	3.1	70 - 130	20	
2-Chlorotoluene	ND	5.0	112	109	2.7	114	112	1.8	70 - 130	20	
2-Hexanone	ND	25	108	103	4.7	99	97	2.0	70 - 130	20	
2-Isopropyltoluene	ND	5.0	115	114	0.9	112	107	4.6	70 - 130	20	
4-Chlorotoluene	ND	5.0	111	108	2.7	111	108	2.7	70 - 130	20	
4-Methyl-2-pentanone	ND	25	108	107	0.9	104	103	1.0	70 - 130	20	
Acetone	ND	10	84	84	0.0	76	75	1.3	70 - 130	20	
Acrolein	ND	25	129	126	2.4	107	101	5.8	70 - 130	20	
Acrylonitrile	ND	5.0	102	101	1.0	99	96	3.1	70 - 130	20	
Benzene	ND	1.0	104	102	1.9	101	99	2.0	70 - 130	20	
Bromobenzene	ND	5.0	106	104	1.9	107	108	0.9	70 - 130	20	
Bromochloromethane	ND	5.0	99	100	1.0	97	96	1.0	70 - 130	20	
Bromodichloromethane	ND	5.0	105	104	1.0	101	99	2.0	70 - 130	20	
Bromoform	ND	5.0	110	109	0.9	99	100	1.0	70 - 130	20	
Bromomethane	ND	5.0	104	102	1.9	102	106	3.8	70 - 130	20	
Carbon Disulfide	ND	5.0	105	101	3.9	98	96	2.1	70 - 130	20	
Carbon tetrachloride	ND	5.0	106	101	4.8	99	95	4.1	70 - 130	20	
Chlorobenzene	ND	5.0	105	102	2.9	101	99	2.0	70 - 130	20	
Chloroethane	ND	5.0	98	96	2.1	99	96	3.1	70 - 130	20	
Chloroform	ND	5.0	101	99	2.0	98	97	1.0	70 - 130	20	
Chloromethane	ND	5.0	98	94	4.2	93	92	1.1	70 - 130	20	
cis-1,2-Dichloroethene	ND	5.0	103	102	1.0	97	98	1.0	70 - 130	20	
cis-1,3-Dichloropropene	ND	5.0	110	109	0.9	103	101	2.0	70 - 130	20	
Dibromochloromethane	ND	3.0	109	105	3.7	103	101	2.0	70 - 130	20	
Dibromomethane	ND	5.0	103	103	0.0	100	98	2.0	70 - 130	20	
Dichlorodifluoromethane	ND	5.0	76	73	4.0	71	70	1.4	70 - 130	20	
Ethylbenzene	ND	1.0	110	106	3.7	108	104	3.8	70 - 130	20	
Hexachlorobutadiene	ND	5.0	113	109	3.6	81	64	23.4	70 - 130	20	m,r
Isopropylbenzene	ND	1.0	119	117	1.7	124	120	3.3	70 - 130	20	
m&p-Xylene	ND	2.0	112	108	3.6	108	105	2.8	70 - 130	20	
Methyl ethyl ketone	ND	5.0	101	99	2.0	92	90	2.2	70 - 130	20	
Methyl t-butyl ether (MTBE)	ND	1.0	98	99	1.0	97	97	0.0	70 - 130	20	
Methylene chloride	ND	5.0	97	96	1.0	95	94	1.1	70 - 130	20	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Naphthalene	ND	5.0	130	127	2.3	104	97	7.0	70 - 130	20	
n-Butylbenzene	ND	1.0	118	111	6.1	108	99	8.7	70 - 130	20	
n-Propylbenzene	ND	1.0	114	108	5.4	116	111	4.4	70 - 130	20	
o-Xylene	ND	2.0	117	113	3.5	112	108	3.6	70 - 130	20	
p-Isopropyltoluene	ND	1.0	121	116	4.2	116	108	7.1	70 - 130	20	
sec-Butylbenzene	ND	1.0	117	113	3.5	114	108	5.4	70 - 130	20	
Styrene	ND	5.0	117	111	5.3	109	105	3.7	70 - 130	20	
tert-butyl alcohol	ND	100	100	88	12.8	97	97	0.0	70 - 130	20	
tert-Butylbenzene	ND	1.0	118	115	2.6	117	112	4.4	70 - 130	20	
Tetrachloroethene	ND	5.0	108	105	2.8	104	100	3.9	70 - 130	20	
Tetrahydrofuran (THF)	ND	5.0	103	102	1.0	99	96	3.1	70 - 130	20	
Toluene	ND	1.0	105	104	1.0	102	99	3.0	70 - 130	20	
trans-1,2-Dichloroethene	ND	5.0	101	100	1.0	97	96	1.0	70 - 130	20	
trans-1,3-Dichloropropene	ND	5.0	111	110	0.9	102	101	1.0	70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	115	114	0.9	110	110	0.0	70 - 130	20	
Trichloroethene	ND	5.0	105	103	1.9	101	99	2.0	70 - 130	20	
Trichlorofluoromethane	ND	5.0	98	94	4.2	94	91	3.2	70 - 130	20	
Trichlorotrifluoroethane	ND	5.0	105	103	1.9	104	100	3.9	70 - 130	20	
Vinyl chloride	ND	5.0	95	91	4.3	91	89	2.2	70 - 130	20	
% 1,2-dichlorobenzene-d4	103	%	99	101	2.0	101	99	2.0	70 - 130	20	
% Bromofluorobenzene	95	%	100	99	1.0	96	95	1.0	70 - 130	20	
% Dibromofluoromethane	105	%	95	96	1.0	97	96	1.0	70 - 130	20	
% Toluene-d8	99	%	99	100	1.0	100	99	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 765026H (ug/kg), QC Sample No: CS37395 50X (CS37403 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	99	100	1.0	99	99	0.0	70 - 130	20	
1,1,1-Trichloroethane	ND	250	94	95	1.1	93	92	1.1	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	250	94	96	2.1	97	95	2.1	70 - 130	20	
1,1,2-Trichloroethane	ND	250	95	96	1.0	98	96	2.1	70 - 130	20	
1,1-Dichloroethane	ND	250	93	93	0.0	94	93	1.1	70 - 130	20	
1,1-Dichloroethene	ND	250	70	71	1.4	71	69	2.9	70 - 130	20	m
1,1-Dichloropropene	ND	250	101	102	1.0	99	99	0.0	70 - 130	20	
1,2,3-Trichlorobenzene	ND	250	114	114	0.0	109	112	2.7	70 - 130	20	
1,2,3-Trichloropropane	ND	250	90	93	3.3	96	93	3.2	70 - 130	20	
1,2,4-Trichlorobenzene	ND	250	121	120	0.8	111	113	1.8	70 - 130	20	
1,2,4-Trimethylbenzene	ND	250	110	111	0.9	108	107	0.9	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	250	95	99	4.1	95	91	4.3	70 - 130	20	
1,2-Dibromoethane	ND	250	97	98	1.0	98	98	0.0	70 - 130	20	
1,2-Dichlorobenzene	ND	250	100	102	2.0	101	101	0.0	70 - 130	20	
1,2-Dichloroethane	ND	250	94	95	1.1	98	96	2.1	70 - 130	20	
1,2-Dichloropropane	ND	250	98	100	2.0	100	101	1.0	70 - 130	20	
1,3,5-Trimethylbenzene	ND	250	108	109	0.9	107	106	0.9	70 - 130	20	
1,3-Dichlorobenzene	ND	250	103	103	0.0	101	101	0.0	70 - 130	20	
1,3-Dichloropropane	ND	250	97	98	1.0	100	99	1.0	70 - 130	20	
1,4-Dichlorobenzene	ND	250	101	102	1.0	100	101	1.0	70 - 130	20	
1,4-dioxane	ND	5000	108	98	9.7	107	104	2.8	70 - 130	20	
2,2-Dichloropropane	ND	250	98	99	1.0	90	93	3.3	70 - 130	20	
2-Chlorotoluene	ND	250	105	105	0.0	103	102	1.0	70 - 130	20	
2-Hexanone	ND	1300	88	87	1.1	85	86	1.2	70 - 130	20	
2-Isopropyltoluene	ND	250	108	109	0.9	107	106	0.9	70 - 130	20	

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chlorotoluene	ND	250	105	105	0.0	103	102	1.0	70 - 130	20	
4-Methyl-2-pentanone	ND	1300	93	93	0.0	95	90	5.4	70 - 130	20	
Acetone	ND	500	54	54	0.0	56	55	1.8	70 - 130	20	l,m
Acrolein	ND	1300	96	97	1.0	97	95	2.1	70 - 130	20	
Acrylonitrile	ND	250	82	85	3.6	85	84	1.2	70 - 130	20	
Benzene	ND	250	97	97	0.0	98	97	1.0	70 - 130	20	
Bromobenzene	ND	250	98	99	1.0	99	97	2.0	70 - 130	20	
Bromochloromethane	ND	250	89	92	3.3	92	91	1.1	70 - 130	20	
Bromodichloromethane	ND	250	97	97	0.0	97	96	1.0	70 - 130	20	
Bromoform	ND	250	95	95	0.0	92	92	0.0	70 - 130	20	
Bromomethane	ND	250	78	80	2.5	76	76	0.0	70 - 130	20	
Carbon Disulfide	ND	250	68	68	0.0	66	67	1.5	70 - 130	20	l,m
Carbon tetrachloride	ND	250	91	92	1.1	89	90	1.1	70 - 130	20	
Chlorobenzene	ND	250	99	100	1.0	99	99	0.0	70 - 130	20	
Chloroethane	ND	250	23	24	4.3	24	24	0.0	70 - 130	20	l,m
Chloroform	ND	250	92	93	1.1	95	93	2.1	70 - 130	20	
Chloromethane	ND	250	88	88	0.0	89	89	0.0	70 - 130	20	
cis-1,2-Dichloroethene	ND	250	92	96	4.3	96	95	1.0	70 - 130	20	
cis-1,3-Dichloropropene	ND	250	102	105	2.9	102	101	1.0	70 - 130	20	
Dibromochloromethane	ND	150	97	98	1.0	96	96	0.0	70 - 130	20	
Dibromomethane	ND	250	95	98	3.1	97	96	1.0	70 - 130	20	
Dichlorodifluoromethane	ND	250	70	70	0.0	66	65	1.5	70 - 130	20	m
Ethylbenzene	ND	250	104	104	0.0	103	104	1.0	70 - 130	20	
Hexachlorobutadiene	ND	250	111	111	0.0	105	106	0.9	70 - 130	20	
Isopropylbenzene	ND	250	108	110	1.8	108	107	0.9	70 - 130	20	
m&p-Xylene	ND	250	106	106	0.0	105	106	0.9	70 - 130	20	
Methyl ethyl ketone	ND	250	78	78	0.0	82	79	3.7	70 - 130	20	
Methyl t-butyl ether (MTBE)	ND	250	93	95	2.1	96	95	1.0	70 - 130	20	
Methylene chloride	ND	250	86	87	1.2	88	87	1.1	70 - 130	20	
Naphthalene	ND	250	120	121	0.8	119	119	0.0	70 - 130	20	
n-Butylbenzene	ND	250	113	113	0.0	107	107	0.0	70 - 130	20	
n-Propylbenzene	ND	250	106	106	0.0	104	102	1.9	70 - 130	20	
o-Xylene	ND	250	111	111	0.0	110	111	0.9	70 - 130	20	
p-Isopropyltoluene	ND	250	114	114	0.0	110	109	0.9	70 - 130	20	
sec-Butylbenzene	ND	250	108	109	0.9	107	106	0.9	70 - 130	20	
Styrene	ND	250	109	109	0.0	109	109	0.0	70 - 130	20	
tert-butyl alcohol	ND	5000	108	101	6.7	108	114	5.4	70 - 130	20	
tert-Butylbenzene	ND	250	107	109	1.9	107	106	0.9	70 - 130	20	
Tetrachloroethene	ND	250	104	104	0.0	102	102	0.0	70 - 130	20	
Tetrahydrofuran (THF)	ND	250	82	82	0.0	85	84	1.2	70 - 130	20	
Toluene	ND	250	99	100	1.0	100	99	1.0	70 - 130	20	
trans-1,2-Dichloroethene	ND	250	90	90	0.0	90	91	1.1	70 - 130	20	
trans-1,3-Dichloropropene	ND	250	104	105	1.0	102	102	0.0	70 - 130	20	
trans-1,4-dichloro-2-butene	ND	250	100	100	0.0	96	94	2.1	70 - 130	20	
Trichloroethene	ND	250	97	97	0.0	97	96	1.0	70 - 130	20	
Trichlorofluoromethane	ND	250	32	31	3.2	32	31	3.2	70 - 130	20	l,m
Trichlorotrifluoroethane	ND	250	77	77	0.0	77	75	2.6	70 - 130	20	
Vinyl chloride	ND	250	85	85	0.0	85	85	0.0	70 - 130	20	
% 1,2-dichlorobenzene-d4	103	%	100	101	1.0	101	100	1.0	70 - 130	20	
% Bromofluorobenzene	96	%	101	100	1.0	100	100	0.0	70 - 130	20	
% Dibromofluoromethane	96	%	94	95	1.1	94	95	1.1	70 - 130	20	
% Toluene-d8	100	%	100	101	1.0	101	101	0.0	70 - 130	20	

QA/QC Data

SDG I.D.: GCS37389

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

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
January 17, 2025

Friday, January 17, 2025

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCS37389 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS37389	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	141	0.7	50	50	mg/kg
CS37389	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	1.09	0.03	0.73	0.73	mg/Kg
CS37389	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.09	0.03	0.81	0.81	mg/Kg
CS37389	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.09	0.03	0.81	0.81	mg/Kg
CS37389	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.09	0.03	0.18	0.18	mg/Kg
CS37389	PB-SM	Lead	NY / 375-6.8 Metals / Ground Water Protection	517	0.36	450	450	mg/Kg
CS37389	PB-SM	Lead	NY / 375-6.8 Metals / Residential	517	0.36	400	400	mg/Kg
CS37389	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	517	0.36	400	400	mg/Kg
CS37389	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	517	0.36	63	63	mg/Kg
CS37389	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	714	0.7	109	109	mg/Kg
CS37390	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	6.57	0.61	0.73	0.73	mg/Kg
CS37390	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	6.57	0.61	0.81	0.81	mg/Kg
CS37390	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	6.57	0.61	0.81	0.81	mg/Kg
CS37390	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	6.57	0.61	0.18	0.18	mg/Kg
CS37391	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	52.2	0.8	50	50	mg/kg
CS37391	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	8.10	0.64	0.73	0.73	mg/Kg
CS37391	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	8.10	0.64	0.81	0.81	mg/Kg
CS37391	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	8.10	0.64	0.81	0.81	mg/Kg
CS37391	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	8.10	0.64	0.18	0.18	mg/Kg
CS37393	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	12.6	0.66	0.73	0.73	mg/Kg
CS37393	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	12.6	0.66	0.81	0.81	mg/Kg
CS37393	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	12.6	0.66	0.81	0.81	mg/Kg
CS37393	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	12.6	0.66	0.18	0.18	mg/Kg
CS37394	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.24	0.02	0.18	0.18	mg/Kg
CS37395	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.19	0.03	0.18	0.18	mg/Kg
CS37397	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1800	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2200	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	2100	240	1700	1700	ug/Kg
CS37397	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	910	240	500	500	ug/Kg
CS37397	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1800	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2100	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1900	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2200	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	910	240	500	500	ug/Kg
CS37397	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2100	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2200	240	1000	1000	ug/Kg

Friday, January 17, 2025

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCS37389 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS37397	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	910	240	500	500	ug/Kg
CS37397	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	240	1000	1000	ug/Kg
CS37397	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2200	240	1000	1000	ug/Kg
CS37397	$PESTSM_NY	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.4	2.1	3.3	3.3	ug/Kg
CS37397	$PESTSM_NY	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.0	2.1	3.3	3.3	ug/Kg
CS37397	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	3.19	0.13	0.73	0.73	mg/Kg
CS37397	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	3.19	0.13	0.81	0.81	mg/Kg
CS37397	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	3.19	0.13	0.81	0.81	mg/Kg
CS37397	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	3.19	0.13	0.18	0.18	mg/Kg
CS37397	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	126	0.7	109	109	mg/Kg
CS37399	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1100	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1200	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1200	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	530	240	500	500	ug/Kg
CS37399	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1100	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	530	240	500	500	ug/Kg
CS37399	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	240	1000	1000	ug/Kg
CS37399	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	530	240	500	500	ug/Kg
CS37399	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	240	1000	1000	ug/Kg
CS37399	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	50.2	0.7	50	50	mg/kg
CS37399	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	4.23	0.13	0.73	0.73	mg/Kg
CS37399	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	4.23	0.13	0.81	0.81	mg/Kg
CS37399	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	4.23	0.13	0.81	0.81	mg/Kg
CS37399	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	4.23	0.13	0.18	0.18	mg/Kg
CS37399	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	111	0.37	63	63	mg/Kg
CS37400	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	3900	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4100	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4700	250	1700	1700	ug/Kg
CS37400	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3600	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3900	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4700	250	1000	1000	ug/Kg

Friday, January 17, 2025

Criteria: NY: 375, 375GWP, 375RRS, 375RS

State: NY

Sample Criteria Exceedances Report

GCS37389 - BRUSSEE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS37400	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	420	250	330	330	ug/Kg
CS37400	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	250	500	500	ug/Kg
CS37400	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4100	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	420	250	330	330	ug/Kg
CS37400	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	250	500	500	ug/Kg
CS37400	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4100	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4700	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3600	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4100	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	250	500	500	ug/Kg
CS37400	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	250	800	800	ug/Kg
CS37400	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	420	250	330	330	ug/Kg
CS37400	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3600	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3900	250	1000	1000	ug/Kg
CS37400	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4700	250	1000	1000	ug/Kg
CS37400	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	16.0	0.70	0.73	0.73	mg/Kg
CS37400	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	16.0	0.70	0.81	0.81	mg/Kg
CS37400	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	16.0	0.70	0.81	0.81	mg/Kg
CS37400	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	16.0	0.70	0.18	0.18	mg/Kg
CS37401	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	76.1	0.6	50	50	mg/kg
CS37401	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	143	0.6	109	109	mg/Kg

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 17, 2025 SDG I.D.: GCS37389

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

PCB Narration

AU-ECD5 01/13/25-1: CS37391, CS37395, CS37396, CS37399, CS37401

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CS37391, CS37395, CS37396, CS37399, CS37401
Preceding CC 113B005 - None.
Succeeding CC 113B016 - DCBP SURR 27%L (20%)

PEST Narration

AU-ECD33 01/10/25-1: CS37389, CS37390, CS37393, CS37398

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CS37389, CS37390, CS37393, CS37398
Preceding CC 110B025 - % DCBP 21%L (20%), Endosulfan II 24%L (20%), Methoxychlor 37%L (20%)
Succeeding CC 110B041 - % DCBP 25%L (20%), % TCMX 22%L (20%), Endosulfan II 22%L (20%), Methoxychlor 39%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

AU-ECD35 01/10/25-1: CS37391, CS37395, CS37397, CS37399

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CS37391, CS37395, CS37397, CS37399
Preceding CC 110B025 - Endosulfan I 27%L (20%), Endosulfan II 29%L (20%), Methoxychlor 26%L (20%)
Succeeding CC 110B052 - Endosulfan II 23%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

AU-ECD4 01/10/25-1: CS37392, CS37394, CS37396, CS37401

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CS37392, CS37394, CS37396, CS37401
Preceding CC 110B027 - Endosulfan II 25%L (20%), Endrin aldehyde 23%L (20%)
Succeeding CC 110B041 - None.
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

AU-ECD4 01/14/25-1: CS37400

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CS37400
Preceding CC 114B026 - None.
Succeeding CC 114B040 - Endrin Ketone 21%H (20%)

SVOA Narration

CHEM06 01/06/25-1: CS37390, CS37391, CS37392

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Analysis Comments

January 17, 2025 SDG I.D.: GCS37389

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.058 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 2,4-Dinitrotoluene 21%H (20%), 3,3'-Dichlorobenzidine 24%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: 2-Nitrophenol 0.062 (0.1)
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%.

CHEM06 01/07/25-1: CS37389

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.058 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 3,3'-Dichlorobenzidine 24%L (20%), 4-Nitrophenol 25%H (20%), Hexachlorocyclopentadiene 23%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: 2-Nitrophenol 0.058 (0.1)
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%.

CHEM07 01/06/25-1: CS37393, CS37394

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Initial Calibration compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.048 (0.05), 2-Nitrophenol 0.061 (0.1), Hexachlorobenzene 0.079 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: % 2,4,6-Tribromophenol 0.048 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Bis(2-chloroethyl)ether 24%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: 2-Nitrophenol 0.062 (0.1), Bis(2-chloroethyl)ether 0.649 (0.7), Hexachlorobenzene 0.087 (0.1)
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%.

CHEM28 01/06/25-1: CS37395, CS37396, CS37397, CS37398, CS37399, CS37400, CS37401

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 17, 2025 SDG I.D.: GCS37389

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.052 (0.1), Hexachlorobenzene 0.077 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: % 2,4,6-Tribromophenol 36%H (20%), 2-Nitrophenol 52%H (20%), 4-Chloroaniline 38%H (20%), Hexachlorobenzene 22%H (20%), Pentachloronitrobenzene 27%H (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: 2-Nitrophenol 52%H (40%)
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.079 (0.1), Hexachlorobenzene 0.094 (0.1)
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%.

VOA Narration

CHEM26 01/02/25-1: CS37389, CS37390, CS37391, CS37392, CS37393, CS37394, CS37395, CS37396, CS37397, CS37398, CS37399, CS37400, CS37401, CS37402, CS37403

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 33% (20%), Naphthalene 29% (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 0.198 (0.2), Acrolein 0.045 (0.05), Bromodichloromethane 0.288 (0.3), trans-1,3-Dichloropropene 0.296 (0.3)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.045 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Acetone 24%L (20%), Dichlorodifluoromethane 22%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 0.188 (0.2), Acrolein 0.047 (0.05), Bromodichloromethane 0.282 (0.3)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.045 (0.05)

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%.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

January 17, 2025

SDG I.D.: GCS37389

The samples in this delivery group were received at 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

Temp 1.6 °C Pg 1 of 2

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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Client Services (860) 645-1102

Contact Options:
[ ] Phone:
[ ] Fax:
[X] Email: KBrusser@brusserco.com

Customer: BEC
Address: 1150 Lincoln Avenue - Suite 4
Holbrook NY 11741

Project: 60 N 1st Street Brooklyn NY
Report to: SAME
Invoice to: SAME
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Byron Garcia Date: 12/31/24

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs 8260	SVOCs by 8270	TAL Metals	1,4-Dioxane	GL Amber 8 oz. [ ] w/H3PO4 [ ] NAHSO4	Soil VOA Vials [X] methanol [X] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
37389	SB1 2024 (0-2')	S	12/31/24			X	X		X					3	1	1					
37390	SB1 2024 (16-18')	S	12/31/24			X	X		X	X				3	1	1					
37391	SB2 2024 (0-2')	S	12/31/24			X	X		X					3	1	1					
37392	SB2 2024 (12-14')	S	12/31/24			X	X		X					3	1	1					
37393	SB3 2024 (0-2')	S	12/31/24			X	X		X					3	1	1					
37394	SB3 2024 (12-14')	S	12/31/24			X	X		X					3	1	1					
37395	SB4 2024 (0-2')	S	12/31/24			X	X		X					3	1	1					
37396	SB4 2024 (12-14')	S	12/31/24			X	X		X					3	1	1					
37397	SB5 2024 (0-2')	S	12/31/24			X	X		X					3	1	1					
37398	SB5 2024 (10-12')	S	12/31/24			X	X		X					3	1	1					
			~~12/31/24~~	B,A																	

Relinquished by:	Accepted by:	Date:	Time:
		1/2/25	1000
		1/2/25	1650

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 4 Days*
[ ] 5 Days*
[X] Standard
* SURCHARGE APPLIES

NJ
[ ] 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
[X] 375SCO Unrestricted Soil
[X] 375SCO Residential Soil
[X] 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? NY

Comments, Special Requirements or Regulations:

Data Format:
[X] Phoenix Std Report
[X] Excel
[ ] PDF
[ ] GIS/Key
[X] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package:
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

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

PEL-111 Rev 1/2023

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

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Client Services (860) 645-1102

Temp 1.6 °C Pg 2 of 2

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: BEC
Address: 1150 Lincoln Avenue - Suite 1
Holbrook NY 11741

Project: 60 N. 1st Street Brooklyn NY
Report to: SAME
Invoice to: SAME
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Byron Garcia Date: 12/31/24

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs by 8260	SVOCs by 8270	TAL Metals	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] $NAHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] As is [ ] H_2SO_4	PL H_2SO_4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NaOH 250ml	PL HNO_3 250ml	Barderia Bottle w/thio	Barderia Bottle as is
37399	SB6 2024 (0-2)	S	12/31/24			X	X	X					3	1	1					
37400	SB6 2024 (10-12)	S	12/31/24			X	X	X					3	1	1					
37401	Duplicate	S	12/31/24			X	X	X					3	1	1					
37402	TRIP BLANKS LL					X							3							
37403	TB HL.																			

Relinquished by:	Accepted by:	Date:	Time:
		12/26	1000
		1/2/25	1650

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

NJ
☐ 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? NY

Comments, Special Requirements or Regulations:

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

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

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

PEL-111 Rev 1/2023

Sarah Bell

From:	Pat Recio <precio@brusseecorp.com>
Sent:	Thursday, January 09, 2025 10:34 AM
To:	Sarah Bell
Cc:	Kevin Brussee
Subject:	60 N. 1st Street - GCS37389 Pest/PCB addition

Good Morning Sarah,

For the 60 N. 1st Street soil samples, can you please add analysis of Pesticides/PCBs for each of the samples and the duplicate?

If you need any additional information, please let me know.

Thanks,

Patrick Recio (he/him)
Senior Project Manager
BRUSSEE
Environmental Corp.
516-220-2997

PHOENIX
Environmental Laboratories, Inc.

Tuesday, January 07, 2025

Attn: Thomas Gallo
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Project ID: **60N1**
SDG ID: **GCS38323**
Sample ID#s: **CS38323 - CS38327**

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

Sample Id Cross Reference

January 07, 2025

SDG I.D.: GCS38323

Project ID: 60N1

Client Id	Lab Id	Matrix
SV5	CS38323	AIR
SV4	CS38324	AIR
SV1	CS38325	AIR
SV2	CS38326	AIR
SV3	CS38327	AIR

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

NY # 11301

Analysis Report

January 07, 2025

FOR: Attn: Thomas Gallo
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	01/02/25	12:42
Location Code:	BRUSSEE	Received by:	SR1	01/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49233				

Laboratory Data

SDG ID: GCS38323
Phoenix ID: CS38323

Project ID: 60N1
Client ID: SV5

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*	01/05/25	KCA	5	1
1,1,1-Trichloroethane	2.65	*0.917*	14.4	*5.00*	01/05/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	01/05/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	01/05/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	01/05/25	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	01/05/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	01/05/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	01/05/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	
Acetone	4.68	*2.11*	11.1	*5.01*	01/05/25	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	01/05/25	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	01/05/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	01/05/25	KCA	5	

Project ID: 60N1
Client ID: SV5

Phoenix I.D.: CS38323

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	01/05/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	01/05/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	01/05/25	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	01/05/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	01/05/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	01/05/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	01/05/25	KCA	5	
Chloroform	3.22	*1.02*	15.7	*4.98*	01/05/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	01/05/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	01/05/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	01/05/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	01/05/25	KCA	5	
Ethanol	3.51	*2.66*	6.61	*5.01*	01/05/25	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	01/05/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	01/05/25	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	01/05/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	01/05/25	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	01/05/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
m,p-Xylene	1.34	*1.15*	5.81	*4.99*	01/05/25	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	01/05/25	KCA	5	
Naphthalene	ND	*1.00*	ND	*5.23*	01/05/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	01/05/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	01/05/25	KCA	5	
Tetrachloroethene	11.2	*0.184*	75.9	*1.25*	01/05/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	1
Toluene	ND	*1.33*	ND	*5.01*	01/05/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	01/05/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Trichloroethene	3.89	*0.185*	20.9	*0.99*	01/05/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	01/05/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	01/05/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	01/05/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	93	*%*	93	*%*	01/05/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	92	*%*	92	*%*	01/05/25	KCA	5	
% IS-Bromochloromethane (5x)	95	*%*	95	*%*	01/05/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	94	*%*	94	*%*	01/05/25	KCA	5	

Project ID: 60N1
Client ID: SV5

Phoenix I.D.: CS38323

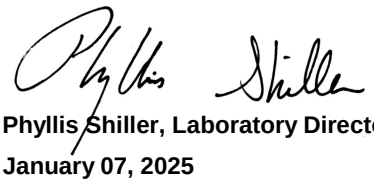
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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

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

Comments:

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

January 07, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 07, 2025

FOR: Attn: Thomas Gallo
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	01/02/25	12:50
Location Code:	BRUSSEE	Received by:	SR1	01/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49260				

Laboratory Data

SDG ID: GCS38323
Phoenix ID: CS38324

Project ID: 60N1
Client ID: SV4

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*	01/05/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	01/05/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	01/05/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	01/05/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	01/05/25	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	01/05/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	01/05/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	01/05/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	
Acetone	5.89	*2.11*	14.0	*5.01*	01/05/25	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	01/05/25	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	01/05/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	01/05/25	KCA	5	

Project ID: 60N1
Client ID: SV4

Phoenix I.D.: CS38324

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	01/05/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	01/05/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	01/05/25	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	01/05/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	01/05/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	01/05/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	01/05/25	KCA	5	
Chloroform	9.42	*1.02*	46.0	*4.98*	01/05/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	01/05/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	01/05/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	01/05/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	01/05/25	KCA	5	
Ethanol	7.71	*2.66*	14.5	*5.01*	01/05/25	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	01/05/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	01/05/25	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	01/05/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	01/05/25	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	01/05/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
m,p-Xylene	1.86	*1.15*	8.07	*4.99*	01/05/25	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	01/05/25	KCA	5	
Naphthalene	ND	*1.00*	ND	*5.23*	01/05/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	01/05/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	01/05/25	KCA	5	
Tetrachloroethene	5.57	*0.184*	37.8	*1.25*	01/05/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	1
Toluene	1.39	*1.33*	5.24	*5.01*	01/05/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	01/05/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Trichloroethene	5.92	*0.185*	31.8	*0.99*	01/05/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	01/05/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	01/05/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	01/05/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	93	*%*	93	*%*	01/05/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	89	*%*	89	*%*	01/05/25	KCA	5	
% IS-Bromochloromethane (5x)	94	*%*	94	*%*	01/05/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	94	*%*	94	*%*	01/05/25	KCA	5	

Project ID: 60N1
Client ID: SV4

Phoenix I.D.: CS38324

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

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

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

Comments:

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
January 07, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 07, 2025

FOR: Attn: Thomas Gallo
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	01/02/25	12:44
Location Code:	BRUSSEE	Received by:	SR1	01/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	11286				

Laboratory Data

SDG ID: GCS38323
Phoenix ID: CS38325

Project ID: 60N1
Client ID: SV1

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*	01/05/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	01/05/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	01/05/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	01/05/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	01/05/25	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	01/05/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	01/05/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	01/05/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	
Acetone	19.7	*2.11*	46.8	*5.01*	01/05/25	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	01/05/25	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	01/05/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	01/05/25	KCA	5	

Project ID: 60N1
Client ID: SV1

Phoenix I.D.: CS38325

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	01/05/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	01/05/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	01/05/25	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	01/05/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	01/05/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	01/05/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	01/05/25	KCA	5	
Chloroform	7.81	*1.02*	38.1	*4.98*	01/05/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	01/05/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	01/05/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	01/05/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	01/05/25	KCA	5	
Ethanol	12.4	*2.66*	23.4	*5.01*	01/05/25	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	01/05/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	01/05/25	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	01/05/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	01/05/25	KCA	5	
Isopropylalcohol	2.36	*2.04*	5.80	*5.01*	01/05/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
m,p-Xylene	2.92	*1.15*	12.7	*4.99*	01/05/25	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	01/05/25	KCA	5	
Naphthalene	ND	*1.00*	ND	*5.23*	01/05/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	01/05/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	01/05/25	KCA	5	
Tetrachloroethene	3.97	*0.184*	26.9	*1.25*	01/05/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	1
Toluene	2.23	*1.33*	8.40	*5.01*	01/05/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	01/05/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Trichloroethene	3.68	*0.185*	19.8	*0.99*	01/05/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	01/05/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	01/05/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	01/05/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	93	*%*	93	*%*	01/05/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	91	*%*	91	*%*	01/05/25	KCA	5	
% IS-Bromochloromethane (5x)	94	*%*	94	*%*	01/05/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	95	*%*	95	*%*	01/05/25	KCA	5	

Ver 1

Project ID: 60N1
Client ID: SV1

Phoenix I.D.: CS38325

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

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

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BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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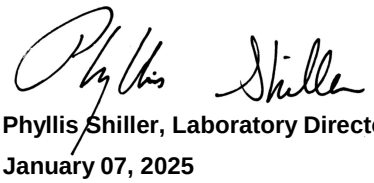

Phyllis Shiller, Laboratory Director

January 07, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 07, 2025

FOR: Attn: Thomas Gallo
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	01/02/25	12:51
Location Code:	BRUSSEE	Received by:	SR1	01/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	172				

Laboratory Data

SDG ID: GCS38323
Phoenix ID: CS38326

Project ID: 60N1
Client ID: SV2

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*	01/05/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	01/05/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	01/05/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	01/05/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	01/05/25	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	01/05/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	01/05/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	01/05/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	
Acetone	44.3	*2.11*	105	*5.01*	01/05/25	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	01/05/25	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	01/05/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	01/05/25	KCA	5	

Project ID: 60N1
Client ID: SV2

Phoenix I.D.: CS38326

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	01/05/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	01/05/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	01/05/25	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	01/05/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	01/05/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	01/05/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	01/05/25	KCA	5	
Chloroform	10.3	*1.02*	50.3	*4.98*	01/05/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	01/05/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	01/05/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	01/05/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	01/05/25	KCA	5	
Ethanol	20.4	*2.66*	38.4	*5.01*	01/05/25	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	01/05/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	01/05/25	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	01/05/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	01/05/25	KCA	5	
Isopropylalcohol	7.72	*2.04*	19.0	*5.01*	01/05/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
m,p-Xylene	4.31	*1.15*	18.7	*4.99*	01/05/25	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	01/05/25	KCA	5	
Naphthalene	ND	*1.00*	ND	*5.23*	01/05/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
o-Xylene	1.56	*1.15*	6.77	*4.99*	01/05/25	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	01/05/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	01/05/25	KCA	5	
Tetrachloroethene	4.78	*0.184*	32.4	*1.25*	01/05/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	1
Toluene	3.48	*1.33*	13.1	*5.01*	01/05/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	01/05/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Trichloroethene	5.70	*0.185*	30.6	*0.99*	01/05/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	01/05/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	01/05/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	01/05/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	97	*%*	97	*%*	01/05/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	91	*%*	91	*%*	01/05/25	KCA	5	
% IS-Bromochloromethane (5x)	93	*%*	93	*%*	01/05/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	93	*%*	93	*%*	01/05/25	KCA	5	

Ver 1

Project ID: 60N1
Client ID: SV2

Phoenix I.D.: CS38326

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

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

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

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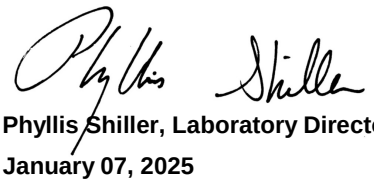


Phyllis Shiller, Laboratory Director

January 07, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

January 07, 2025

FOR: Attn: Thomas Gallo
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	BG	01/02/25	12:46
Location Code:	BRUSSEE	Received by:	SR1	01/03/25	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49201				

Laboratory Data

SDG ID: GCS38323
Phoenix ID: CS38327

Project ID: 60N1
Client ID: SV3

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*	01/05/25	KCA	5	1
1,1,1-Trichloroethane	0.925	*0.917*	5.04	*5.00*	01/05/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	01/05/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	01/05/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	01/05/25	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	01/05/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	01/05/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	01/05/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	01/05/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/05/25	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	01/05/25	KCA	5	
Acetone	3.27	*2.11*	7.76	*5.01*	01/05/25	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	01/05/25	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	01/05/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	01/05/25	KCA	5	

Project ID: 60N1
Client ID: SV3

Phoenix I.D.: CS38327

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	01/05/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	01/05/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	01/05/25	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	01/05/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	01/05/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	01/05/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	01/05/25	KCA	5	
Chloroform	8.07	*1.02*	39.4	*4.98*	01/05/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	01/05/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/05/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	01/05/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	01/05/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	01/05/25	KCA	5	
Ethanol	3.56	*2.66*	6.70	*5.01*	01/05/25	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	01/05/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	01/05/25	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	01/05/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	01/05/25	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	01/05/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	01/05/25	KCA	5	
m,p-Xylene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	01/05/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	01/05/25	KCA	5	
Naphthalene	ND	*1.00*	ND	*5.23*	01/05/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	01/05/25	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	01/05/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	01/05/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	01/05/25	KCA	5	
Tetrachloroethene	9.13	*0.184*	61.9	*1.25*	01/05/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	01/05/25	KCA	5	1
Toluene	ND	*1.33*	ND	*5.01*	01/05/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	01/05/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/05/25	KCA	5	
Trichloroethene	6.89	*0.185*	37.0	*0.99*	01/05/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	01/05/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	01/05/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	01/05/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	95	*%*	95	*%*	01/05/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	90	*%*	90	*%*	01/05/25	KCA	5	
% IS-Bromochloromethane (5x)	94	*%*	94	*%*	01/05/25	KCA	5	
% IS-Chlorobenzene-d5 (5x)	92	*%*	92	*%*	01/05/25	KCA	5	

Ver 1

Project ID: 60N1
Client ID: SV3

Phoenix I.D.: CS38327

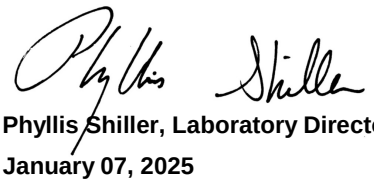
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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

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

Comments:

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

January 07, 2025

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

January 07, 2025

FOR: Attn: Thomas Gallo
Brussee Environmental Corp
1150 Lincoln Avenue – Suite 4
Holbrook, NY 11741

Location Code: BRUSSEE

Project ID: 60N1

SDG I.D.: GCS38323

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV5	CS38323	49233	6.0L	5060	12/30/24	-30	-4	44	44	0.0	-30	-6	01/02/25 10:40	01/02/25 12:42
SV4	CS38324	49260	6.0L	10554	12/30/24	-30	-5	45	45	0.0	-29	-6	01/02/25 10:56	01/02/25 12:50
SV1	CS38325	11286	6.0L	5599	12/30/24	-30	-4	45	45	0.0	-29	-6	01/02/25 10:45	01/02/25 12:44
SV2	CS38326	172	6.0L	10704	12/30/24	-30	-5	43	43	0.0	-30	-6	01/02/25 10:50	01/02/25 12:51
SV3	CS38327	49201	6.0L	6974	12/30/24	-30	-5	45	45	0.0	-28	-5	01/02/25 10:53	01/02/25 12:46

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

NY # 11301

QA/QC Report

January 07, 2025

QA/QC Data

SDG I.D.: GCS38323

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 765126 (ppbv), QC Sample No: CS38097 (CS38323 (5X) , CS38324 (5X) , CS38325 (5X) , CS38326 (5X) , CS38327 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	111	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	106	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	117	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	116	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	113	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	100	0.10	ND	0.025	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	110	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	114	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	105	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	112	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	100	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.100	ND	0.47	107	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	114	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	111	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	102	29.2	30.1	12.3	12.7	3.2	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	104	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	101	0.41	0.40	0.127	0.124	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	116	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	100	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	114	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	104	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	92	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.47	0.48	0.074	0.076	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	109	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	100	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	111	1.30	1.38	0.629	0.667	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	98	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	106	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	92	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	104	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS38323

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Dichlorodifluoromethane	ND	0.250	ND	1.24	106	1.92	1.94	0.389	0.393	NC	70 - 130	25	
Ethanol	ND	0.375	ND	0.71	153	1280 E	1330	679 E	708	4.2	70 - 130	25	I
Ethyl acetate	ND	0.250	ND	0.90	123	2.76	2.74	0.766	0.762	NC	70 - 130	25	
Ethylbenzene	ND	0.250	ND	1.08	114	ND	ND	ND	ND	NC	70 - 130	25	
Heptane	ND	0.250	ND	1.02	112	26.4	26.5	6.45	6.47	0.3	70 - 130	25	
Hexachlorobutadiene	ND	0.005	ND	0.05	156	ND	ND	ND	ND	NC	70 - 130	25	I
Hexane	ND	0.225	ND	0.79	107	ND	ND	ND	ND	NC	70 - 130	25	
Isopropylalcohol	ND	0.375	ND	0.92	106	484 E	501	197 E	204	3.5	70 - 130	25	
Isopropylbenzene	ND	0.250	ND	1.23	108	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.500	ND	2.17	118	ND	ND	ND	ND	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.225	ND	0.66	104	1.37	1.43	0.465	0.485	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	102	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	1.50	ND	5.21	105	ND	ND	ND	ND	NC	70 - 130	25	
Naphthalene	ND	0.050	ND	0.26	121	0.42	0.43	0.081	0.083	NC	70 - 130	25	
n-Butylbenzene	ND	0.250	ND	1.37	109	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.250	ND	1.08	116	ND	ND	ND	ND	NC	70 - 130	25	
Propylene	ND	0.250	ND	0.43	104	1.25	1.31	0.728	0.761	NC	70 - 130	25	
sec-Butylbenzene	ND	0.250	ND	1.37	115	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.100	ND	0.43	117	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.050	ND	0.34	101	14.1	14.3	2.08	2.11	1.4	70 - 130	25	
Tetrahydrofuran	ND	0.250	ND	0.74	109	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.250	ND	0.94	105	1.55	1.52	0.411	0.403	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	97	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	103	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.025	ND	0.13	101	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.250	ND	1.40	102	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.250	ND	1.91	96	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.050	ND	0.13	108	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	90	%	90	%	88	91	91	91	91	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	96	%	96	%	113	95	95	95	95	NC	60 - 140	25	
% IS-Bromochloromethane	101	%	101	%	108	98	95	98	95	NC	60 - 140	25	
% IS-Chlorobenzene-d5	95	%	95	%	116	98	98	98	98	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD 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
January 07, 2025

Tuesday, January 07, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCS38323 - BRUSSEE

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 07, 2025 SDG I.D.: GCS38323

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

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

BRUSSEE

860-645-1102

email: greg@phoenixlabs.com

P.O. # Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: precio@brusseecorp.com
☒ Phone #: 631-504-6000

Report to:	Tom Gallo	Project Name: 60N1	Data Format: (Circle) Equis Excel Other:
Customer:	Brussee Environmental Corp	Invoice to:	Requested Deliverable: RCP ASP CAT B
Address:	1150 Lincoln Avenue – Suite 4		MCP NJ Deliverables
16675	Holbrook, NY 11741	Sampled by: Byron Garcia	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES		
38323	SV5	49233	6.0L	-30	-4	5060	44	10:40	12:42	1/2/25	-30	-6		X		X		
38324	SV4	49260	6.0L	-30	-5	10554	45	10:56	12:50	1/2/25	-29	-6		X		X		
38325	SV1	11286	6.0L	-30	-4	5599	45	10:45	12:44	1/2/25	-29	-6		X		X		
38326	SV2	172	6.0L	-30	-5	10704	43	10:50	12:51	1/2/25	-30	-6		X		X		
38327	SV3	49201	6.0L	-30	-5	6974	45	10:53	12:46	1/2/25	-28	-5		X		X		
	NOT USED	12863	6.0L	-30		3220	43											

Relinquished by:	Accepted by:	Date:	Time:
		1/3/25	0925
		1/3/25	17:15

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

Signature: _____ Date: _____

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(6) - 6.0L 2 hr , 6 Connectors

(4) Regs unused ES

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

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

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

APPENDIX E

Laboratory Report - York

Technical Report
for
Emerging Contaminants

prepared for:

Brussee Environmental Corp.
14 Evans Lane
Miller Place NY, 11764
Attention: Kevin Brussee

Report Date: 01/07/2025
Client Project ID: WFM2401 60 N. 1st Street, Brooklyn NY
York Project (SDG) No.: 25A0091

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 01/07/2025
Client Project ID: WFM2401 60 N. 1st Street, Brooklyn NY
York Project (SDG) No.: 25A0091

Brussee Environmental Corp.
14 Evans Lane
Miller Place NY, 11764
Attention: Kevin Brussee

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 03, 2025 and listed below. The project was identified as your project: **WFM2401 60 N. 1st Street, Brooklyn NY**.

The analyses were conducted utilizing appropriate EPA methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203.325.1371 with any questions regarding this report or e-mail clientservices@yorklab.com.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25A0091-01	SB2-2024- (12-14')	Soil	12/31/2024	01/03/2025

General Notes for York Project (SDG) No.: 25A0091

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher
Laboratory Manager

Date: 01/07/2025

Sample Information

Client Sample ID: SB2-2024- (12-14')

York Sample ID: 25A0091-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0091	WFM2401 60 N. 1st Street, Brooklyn NY	Soil	December 31, 2024 3:00 pm	01/03/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		0	ug/kg dry	0.181	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		0	ug/kg dry	0.188	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0	ug/kg dry	0.191	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
375-95-1	Perfluorononanoic acid (PFNA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
2355-31-9	N-MeFOSAA	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
2991-50-6	N-EtFOSAA	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0	ug/kg dry	0.410	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		0	ug/kg dry	0.198	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		0	ug/kg dry	0.779	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		0	ug/kg dry	0.787	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		0	ug/kg dry	0.820	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NELAC-	01/06/2025 20:50	

Sample Information

Client Sample ID: SB2-2024- (12-14')

York Sample ID: 25A0091-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0091	WFM2401 60 N. 1st Street, Brooklyn NY	Soil	December 31, 2024 3:00 pm	01/03/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		0	ug/kg dry	0.365	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0	ug/kg dry	0.410	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		0	ug/kg dry	0.410	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		0	ug/kg dry	0.410	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		0	ug/kg dry	0.193	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		0	ug/kg dry	0.769	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
13252-13-6	* HFPO-DA (Gen-X)	ND		0	ug/kg dry	0.820	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
763051-92-9	* 11CL-PF3OUdS	ND		0	ug/kg dry	0.775	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
756426-58-1	* 9CL-PF3ONS	ND		0	ug/kg dry	0.767	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
919005-14-4	* ADONA	ND		0	ug/kg dry	0.775	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		0	ug/kg dry	0.199	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		0	ug/kg dry	0.197	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097 ,NJDEP-N	01/06/2025 20:50	
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		0	ug/kg dry	1.03	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		0	ug/kg dry	5.13	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		0	ug/kg dry	5.13	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
24448-09-7	* N-MeFOSE	ND		0	ug/kg dry	2.05	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
31506-32-8	* N-MeFOSA	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
1691-99-2	* N-EtFOSE	ND		0	ug/kg dry	2.05	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	
4151-50-2	* N-EtFOSA	ND		0	ug/kg dry	0.205	EPA 1633 Draft 3	01/04/2025 09:17	AM
					Certifications:		NELAC-NH2097	01/06/2025 20:50	

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*74.4 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*83.2 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*

Sample Information

Client Sample ID: **SB2-2024- (12-14')** **York Sample ID:** **25A0091-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0091	WFM2401 60 N. 1st Street, Brooklyn NY	Soil	December 31, 2024 3:00 pm	01/03/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
13C3PFHXS	*Surrogate: M3PFHxS*	*97.9 %*		*25-150*					
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*95.4 %*		*25-150*					
13C6PFDA	*Surrogate: M6PFDA*	*93.6 %*		*25-150*					
13C7PFUNA	*Surrogate: M7PFUdA*	*94.3 %*		*25-150*					
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*84.5 %*		*25-150*					
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.0 %*		*10-150*					
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.45 %*	PFSu-L	*25-150*					
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*84.9 %*		*25-150*					
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*8.47 %*	PFSu-L	*25-150*					
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*77.8 %*		*10-150*					
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.5 %*		*25-150*					
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*90.1 %*		*25-150*					
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*47.9 %*		*25-200*					
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*65.5 %*		*25-200*					
13C9PFNA	*Surrogate: M9PFNA*	*87.2 %*		*25-150*					
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*28.8 %*		*25-150*					
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.5 %*		*25-150*					
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.1 %*		*25-150*					
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*74.3 %*		*25-150*					
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*102 %*		*25-150*					
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*106 %*		*25-150*					

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal.	Analyst
solids	*** % Solids**	**96.4**		**100**	%	0.100	SM 2540G	01/06/2025 12:00	AC
					Certifications:		CTDOH-PH-0723	01/07/2025 14:38	

Analytical Batch Summary

Batch ID: BA50171 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25A0091-01	SB2-2024- (12-14')	01/04/25
BA50171-BLK1	Blank	01/04/25
BA50171-BS1	LCS	01/04/25
BA50171-BS2	LCS	01/04/25

Batch ID: BA50243 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25A0091-01	SB2-2024- (12-14')	01/06/25

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50171 - EPA 1633 Prep											
Blank (BA50171-BLK1)											Prepared: 01/04/2025 Analyzed: 01/06/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.35*		*"*	*2.33*		*101*	*25-150*				
Surrogate: M5PFHxA	*2.51*		*"*	*2.50*		*101*	*25-150*				
Surrogate: M4PFHpA	*2.49*		*"*	*2.50*		*99.7*	*25-150*				
Surrogate: M3PFHxS	*2.38*		*"*	*2.37*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.44*		*"*	*2.50*		*97.7*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50171 - EPA 1633 Prep											
Blank (BA50171-BLK1)											
Surrogate: M6PFDA	*1.22*		*ug/kg wet*	*1.25*		*97.4*	*25-150*				
Surrogate: M7PFUdA	*1.11*		*"*	*1.25*		*89.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		*"*	*1.25*		*80.9*	*25-150*				
Surrogate: M2PFTeDA	*0.796*		*"*	*1.25*		*63.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.32*		*"*	*10.0*		*53.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.99*		*"*	*2.40*		*83.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.80*		*"*	*5.00*		*95.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.02*		*"*	*2.50*		*80.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.80*		*"*	*5.00*		*75.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.02*		*"*	*5.00*		*80.4*	*25-150*				
Surrogate: M2-6:2 FTS	*1.85*		*"*	*4.76*		*38.9*	*25-200*				
Surrogate: M2-8:2 FTS	*2.55*		*"*	*4.80*		*53.1*	*25-200*				
Surrogate: M9PFNA	*1.24*		*"*	*1.25*		*99.4*	*25-150*				
Surrogate: M2-4:2 FTS	*1.54*		*"*	*4.69*		*32.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.75*		*"*	*2.50*		*70.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.50*		*63.8*	*25-150*				
Surrogate: M3HFPO-DA	*9.76*		*"*	*10.0*		*97.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*31.2*		*"*	*25.0*		*125*	*25-150*				
Surrogate: d7-N-MeFOSE	*36.6*		*"*	*25.0*		*146*	*25-150*				
LCS (BA50171-BS1)											
Perfluorobutanesulfonic acid (PFBS)	3.71	0.175	ug/kg wet	3.50		106	50-150				
Perfluorohexanoic acid (PFHxA)	4.21	0.198	"	3.96		106	50-150				
Perfluoroheptanoic acid (PFHpA)	3.69	0.198	"	3.96		93.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.08	0.181	"	3.62		112	50-150				
Perfluorooctanoic acid (PFOA)	3.42	0.198	"	3.96		86.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.93	0.184	"	3.68		107	50-150				
Perfluorononanoic acid (PFNA)	3.30	0.198	"	3.96		83.4	50-150				
Perfluorodecanoic acid (PFDA)	3.75	0.198	"	3.96		94.7	50-150				
Perfluoroundecanoic acid (PFUnA)	4.76	0.198	"	3.96		120	50-150				
Perfluorododecanoic acid (PFDoA)	3.84	0.198	"	3.96		97.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.67	0.198	"	3.96		118	50-150				
Perfluorotetradecanoic acid (PFTA)	3.76	0.198	"	3.96		94.8	50-150				
N-MeFOSAA	3.97	0.198	"	3.96		100	50-150				
N-EtFOSAA	4.10	0.198	"	3.96		103	50-150				
Perfluoropentanoic acid (PFPeA)	7.87	0.396	"	7.92		99.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.27	0.198	"	3.96		108	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.08	0.198	"	3.78		108	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.73	0.191	"	3.82		124	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.1	0.752	"	15.0		93.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.0	0.760	"	15.2		98.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.1	0.792	"	15.8		102	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.88	0.352	"	7.05		83.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.39	0.396	"	7.92		93.3	50-150				

Prepared: 01/04/2025 Analyzed: 01/06/2025

Prepared: 01/04/2025 Analyzed: 01/06/2025

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50171 - EPA 1633 Prep											
LCS (BA50171-BS1)								Prepared: 01/04/2025 Analyzed: 01/06/2025			
Perfluoro-4-oxapentanoic acid (PFMPA)	4.68	0.396	ug/kg wet	7.92		59.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.19	0.396	"	7.92		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.03	0.186	"	3.72		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.1	0.743	"	14.9		115	50-150				
HFPO-DA (Gen-X)	7.26	0.792	"	7.92		91.7	50-150				
11CL-PF3OUdS	5.99	0.749	"	7.49		80.0	50-150				
9CL-PF3ONS	7.54	0.741	"	7.41		102	50-150				
ADONA	8.48	0.749	"	7.49		113	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.28	0.192	"	3.84		85.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.29	0.190	"	3.80		139	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.0	0.990	"	15.8		81.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	70.8	4.95	"	79.2		89.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	65.6	4.95	"	79.2		82.8	50-150				
N-MeFOSE	43.3	1.98	"	39.6		109	50-150				
N-MeFOSA	3.81	0.198	"	3.96		96.2	50-150				
N-EtFOSE	38.6	1.98	"	39.6		97.5	50-150				
N-EtFOSA	3.01	0.198	"	3.96		76.0	50-150				
Surrogate: M3PFBS	*2.66*		"	*2.31*		*115*	*25-150*				
Surrogate: M5PFHxA	*2.82*		"	*2.48*		*114*	*25-150*				
Surrogate: M4PFHpA	*2.89*		"	*2.48*		*117*	*25-150*				
Surrogate: M3PFHxS	*2.90*		"	*2.35*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.66*		"	*2.48*		*107*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.24*		*101*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.24*		*86.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.991*		"	*1.24*		*80.1*	*25-150*				
Surrogate: M2PFTeDA	*0.753*		"	*1.24*		*60.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.72*		"	*9.90*		*57.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.79*		"	*2.37*		*75.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.29*		"	*4.95*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.22*		"	*2.48*		*89.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.30*		"	*4.95*		*86.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.42*		"	*4.95*		*89.3*	*25-150*				
Surrogate: M2-6:2 FTS	*2.69*		"	*4.71*		*57.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.74*		"	*4.75*		*78.7*	*25-200*				
Surrogate: M9PFNA	*1.26*		"	*1.24*		*102*	*25-150*				
Surrogate: M2-4:2 FTS	*1.81*		"	*4.64*		*39.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.90*		"	*2.48*		*76.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.86*		"	*2.48*		*75.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.8*		"	*9.90*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*34.1*		"	*24.8*		*138*	*25-150*				
Surrogate: d7-N-MeFOSE	*38.7*		"	*24.8*		*156*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50171 - EPA 1633 Prep											
LCS (BA50171-BS2)								Prepared: 01/04/2025 Analyzed: 01/06/2025			
Perfluorobutanesulfonic acid (PFBS)	0.374	0.175	ug/kg wet	0.350		107	50-150				
Perfluorohexanoic acid (PFHxA)	0.418	0.198	"	0.395		106	50-150				
Perfluoroheptanoic acid (PFHpA)	0.397	0.198	"	0.395		100	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.408	0.181	"	0.362		113	50-150				
Perfluorooctanoic acid (PFOA)	0.378	0.198	"	0.395		95.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.362	0.184	"	0.368		98.5	50-150				
Perfluorononanoic acid (PFNA)	0.394	0.198	"	0.395		99.6	50-150				
Perfluorodecanoic acid (PFDA)	0.446	0.198	"	0.395		113	50-150				
Perfluoroundecanoic acid (PFUnA)	0.348	0.198	"	0.395		87.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.378	0.198	"	0.395		95.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.414	0.198	"	0.395		105	50-150				
Perfluorotetradecanoic acid (PFTA)	0.404	0.198	"	0.395		102	50-150				
N-MeFOSAA	0.463	0.198	"	0.395		117	50-150				
N-EtFOSAA	0.457	0.198	"	0.395		116	50-150				
Perfluoropentanoic acid (PFPeA)	0.790	0.395	"	0.791		100	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.497	0.198	"	0.395		126	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.336	0.198	"	0.377		89.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.387	0.191	"	0.381		101	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.34	0.751	"	1.50		89.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.28	0.759	"	1.52		84.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.68	0.791	"	1.58		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.538	0.352	"	0.704		76.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.639	0.395	"	0.791		80.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.435	0.395	"	0.791		55.0	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.762	0.395	"	0.791		96.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.382	0.186	"	0.372		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.68	0.741	"	1.48		113	50-150				
HFPO-DA (Gen-X)	0.888	0.791	"	0.791		112	50-150				
11CL-PF3OUdS	0.635	0.747	"	0.747		84.9	50-150				
9CL-PF3ONS	0.846	0.739	"	0.739		114	50-150				
ADONA	0.868	0.747	"	0.747		116	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.370	0.192	"	0.383		96.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.519	0.190	"	0.379		137	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.26	0.988	"	1.58		79.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	6.23	4.94	"	7.91		78.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	6.28	4.94	"	7.91		79.4	50-150				
N-MeFOSE	4.57	1.98	"	3.95		116	50-150				
N-MeFOSA	0.476	0.198	"	0.395		120	50-150				
N-EtFOSE	4.02	1.98	"	3.95		102	50-150				
N-EtFOSA	0.383	0.198	"	0.395		96.8	50-150				
Surrogate: M3PFBS	*2.96*		*"*	*2.30*		*128*	*25-150*				
Surrogate: M5PFHxA	*3.08*		*"*	*2.47*		*125*	*25-150*				
Surrogate: M4PFHpA	*3.26*		*"*	*2.47*		*132*	*25-150*				
Surrogate: M3PFHxS	*3.27*		*"*	*2.34*		*140*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.91*		*"*	*2.47*		*118*	*25-150*				
Surrogate: M6PFDA	*1.39*		*"*	*1.24*		*113*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50171 - EPA 1633 Prep											
LCS (BA50171-BS2)											
Surrogate: M7PFUdA	*1.44*		*ug/kg wet*	*1.24*		*117*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.19*		*"*	*1.24*		*96.4*	*25-150*				
Surrogate: M2PFTeDA	*1.01*		*"*	*1.24*		*82.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.31*		*"*	*9.88*		*53.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		*"*	*2.37*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.90*		*"*	*4.94*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.48*		*"*	*2.47*		*100*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.08*		*"*	*4.94*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.31*		*"*	*4.94*		*107*	*25-150*				
Surrogate: M2-6:2 FTS	*2.18*		*"*	*4.70*		*46.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.46*		*"*	*4.74*		*73.0*	*25-200*				
Surrogate: M9PFNA	*1.74*		*"*	*1.24*		*141*	*25-150*				
Surrogate: M2-4:2 FTS	*1.73*		*"*	*4.63*		*37.4*	*25-150*				
Surrogate: d-N-MeFOSA	*2.05*		*"*	*2.47*		*82.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.98*		*"*	*2.47*		*80.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.6*		*"*	*9.88*		*107*	*25-150*				
Surrogate: d9-N-EtFOSE	*43.9*		*"*	*24.7*		*178*	*25-150*				
Surrogate: d7-N-MeFOSE	*45.3*		*"*	*24.7*		*184*	*25-150*				

Prepared: 01/04/2025 Analyzed: 01/06/2025

Sample and Data Qualifiers Relating to This Work Order

PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.
MCL	This is the Maximum Contaminant Level in ng/L (ppt) established by the NYSDOH for these compounds where an MCL is reported. Exceedences are flagged accordingly.

Field Chain-of-Custody Record

YORK

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 25A0094

YOUR Information	Report To:	Invoice To:
Company: BEC	Company: SAME	Company: SAME
Address: 1150 Lincoln Ave- Suite 4 Holbrook NY 11741	Address:	Address:
Phone.: 631.507.6000	Phone.:	Phone.:
Contact: Krussell@brusseecorp.com	Contact:	Contact:
E-mail: Kevin Brusser.	E-mail:	E-mail:

YOUR Project Number: WFM2401

YOUR Project Name: 60 N. 1st Street, Brooklyn NY

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Patrick Recio

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB2-2024 (12-14')	Soil	12/31/2024	PFAS 1633	250mL AS-1S

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Patrick BEC	1/3/25 16:40	[signature]	1/3/25 1045	[signature]	1/3/25 16:40
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
		[signature]	1-6-25 15:00	[signature]	1/3/25 16:40 4.3 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 25A0094

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: BEC	Company: SAME	Company: SAME		RUSH - Next Day
Address: 1150 Lincoln Ave- Suite 4 Holbrook NY 11741	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone.: 631.507.6000	Phone.:	Phone.:		RUSH - Three Day
Contact: Krussee@brusseecorp.com	Contact:	Contact:		RUSH - Four Day
E-mail: Kevin Brusser.	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
Patrick Recio

Matrix Codes	Samples From		Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey		QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut		NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania		NY ASP B Package		NJDEP SRP HazSite	
O - Oil ; Other	Other			NJDKQP	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB2-2024 (12-14')	Soil	12/31/2024	PFAS 1633	250mL AS-1S

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Patrick BEC	1/3/25 16:40		1/3/25 1040		1/3/25 16:40
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
			1-6-25 15:00		1/3/25 16:40 4.3 Degrees C