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REMEDIAL INVESTIGATION REPORT

Site Name: Consumers Park Brewery Site

Site Address: 960 Franklin Avenue
Brooklyn, New York 11225

BCP Site Number: C224381

Report Date: May 2024

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

AOC	Area of Concern
AWQS	Ambient Water Quality Standards
AGV	Air Guidance Value
ASP	Analytical Services Protocol
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BGS	Below Grade Surface
CAMP	Community Air Monitoring Program
COC	Chain of Custody
CPP	Citizen Participation Program
CSM	Conceptual Site Model
CVOC	Chlorinated Volatile Organic Compounds
DER-10	Department of Remediation Technical Guidance
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
GPS	Global Positioning System
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measures
MCL	Maximum Contaminant Limit
MDL	Method Detection Limit
mg/kg	Milligrams per Kilogram
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NAPL	Non-aqueous Phase Liquid
ng/L	Nanograms per Liter
NYCRR	New York Codes Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbon

PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethylene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PID	Photo Ionization Detector
PPB	Parts per Billion
PPM	Parts per Million
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/ Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RL	Reporting Limit
RRSCO	Restricted Residential Use Soil Cleanup Objective
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SRI	Supplemental Remedial Investigation
SRIWP	Supplemental Remedial Investigation Work Plan
SVOC	Semi-volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compounds List
TCLP	Toxicity Characteristic Leaching Procedure
TOGS	Technical and Operational Guidance Series
µg/L	Micrograms per Liter
$\mu g/m^3$	Micrograms per Cubic Meter
USGS	United States Geological Survey
UST	Underground Storage Tank
UUSCOs	Unrestricted Use Soil Cleanup Objectives
VOC	Volatile Organic Compound

CERTIFICATION

I, Hilmi U. Aydin, certify that I am currently a Qualified Environmental Professional as defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Remedial Investigation Report as prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in accordance with the DER-approved work plans and any DER-approved modifications.



Hilmi U. Aydin, P.E., QEP
Principal Engineer

1.0 INTRODUCTION

This Remedial Investigation Report (RIR) was prepared on behalf of Franklin Plaza II LLC (the Requestor) for the Consumers Park Brewery Site, located at 122A Montgomery Street, 130 Montgomery Street, 136-150 Montgomery Street and 938-960 Franklin Avenue in the Crown Heights section of Kings County, New York (the Site). The original Applicant: 960 Franklin LLC c/o Cornell Realty, applied for entry into the Brownfield Cleanup Program (BCP) as a Volunteer on November 15, 2022 with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate the Site. A revised BCP Application was submitted for the Site on December 2, 2022, and the Application was deemed complete by the NYSDEC on December 13, 2022. A revised BCP Application with additional requestor signatures was submitted to the NYSDEC to add a second Applicant; Franklin Plaza II LLC on April 3, 2023 along with the application fee. A Brownfield Cleanup Agreement (BCA) was executed on May 22, 2023 and the Applicants (960 Franklin LLC and Franklin Plaza II LLC) were accepted into the BCP as Volunteers.

The remedial investigation (RI) and supplemental RI (SRI) described in this document is consistent with the NYSDEC approved Remedial Investigation Work Plan (RIWP) dated August 7, 2023, and NYSDEC approved Supplemental Investigation Work Plan (SRIWP) dated March 18, 2024. The purpose of the RI and SRI was to collect data of sufficient quality and quantity to characterize the nature and extent of contamination previously identified at the Site and to complete a qualitative exposure assessment for occupants of the Site and the surrounding community and to evaluate alternatives to remediate the contamination.

This RIR provides the data and findings of the RI conducted at the Site between August 30, 2023 and October 23, 2023, and the SRI conducted at the Site between March 19, 2024 and April 22, 2024. The RI and SRI were conducted in accordance with the NYSDEC Division of Environmental Remediation (DER) Program Policy: Technical Guidance for Site Investigation and Remediation (DER-10); and the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, with updates.

2.0 SITE BACKGROUND

2.1 Site Location and Current Usage

The Site is located on the southwest corner of the Montgomery Street and Franklin Avenue intersection. The Site consists of three contiguous tax lots totaling approximately 67,895-square feet (1.558 acres). The legal description of the subject property is Tax Block 1192 and Lots 40, 41 and 46. A site location map is provided in Figure 1.

The ownership of the Site is vested in Franklin Plaza II LLC since April 2024.

Lot 40 (122A Montgomery Street), Lot 41 (130 Montgomery Street), and Lot 46 (124 Montgomery Street) are all currently undeveloped. The structures at the Site were recently demolished. The Site is secured with a construction fence along the site perimeters.

The Site is zoned as R6A, denoting it as a Residential Zoning District. R6 districts allow for a variety of residential uses, and R6A is a contextual district where the Quality Housing bulk regulations are mandatory to provide high lot coverage, 6-8-story apartment buildings near the street.

2.2 Description of Surrounding Property

The Site is located within a primarily commercial and industrial area of Kings County. The Site is bounded by a lot under redevelopment to the north beyond Montgomery Street, two four-story public-school buildings to the east across beyond Franklin Avenue, two two-story college buildings to the northeast across Franklin Avenue and Montgomery Street intersection, the New York City Metropolitan Transportation Authority (MTA) Subway "S" line to the west, and a vacant lot to the south. A Site plan showing the site boundary is provided in Figure 2.

The nearest ecological receptor is the Brooklyn Botanical Gardens, located approximately 400 feet west of the Site. Other sensitive receptors, as defined in DER-10, within 500-feet of the Site include:

- Jackie Robinson School at 46 McKeever Place
- New Beginnings Family Daycare at 941 Washington Avenue
- Little Angel Day Care Center at 12 Crown Street

2.3 Geology and Hydrogeology

According to the monitoring well survey conducted by Montrose Surveying Co., LLP, the surface elevation of the Site ranges from approximately 90 feet in the eastern portion to 99 feet in the northwestern portion (in reference to North American Vertical Datum 1988, which is 1.46 feet below the Brooklyn Highway Datum).

Based on the findings of the RI, a historic urban fill layer extending to approximately 5 feet below the existing Site buildings and a historic urban fill layer extending to approximately 3 feet below the grade surface of Site roadways and open areas were identified beneath the Site. The fill material predominantly consists of limited brick and concrete mixed with silty sand. Based on the findings of the SRI (after demolition of the existing Site buildings), the historic urban fill layer extending approximately 3 to 5 feet below grade was identified beneath the majority of the Site and down to approximately 13 feet in a limited area in the northeastern portion of the Site. According to the United States Geologic Survey (USDS), the Site is located within the Atlantic Coastal Plain physiographic province, which represents the end or terminal moraines of a glacier and the associated outwash aprons along the moraine. Bedrock was not encountered during the RI and SRI.

The depth to water readings were obtained by utilizing an interface probe during the RI and SRI. The average depth to groundwater was determined as 85.7 feet bgs or el. 12.2 North American Vertical Datum 1988 (NAVD88) during the RI and 83.65 feet bgs or el. 14.2 NAVD88 during the SRI. Groundwater beneath the Site generally flows from the northwest to southeast portions of the Site.

2.4 Redevelopment Plans

The proposed redevelopment includes the construction of a new 7-story residential building with a cellar level. The demolition of the former Site buildings was completed in March 2024. The entire footprint of the Site is located in an En-Zone (part of the Kings County Census Tract 325), and the new building is planned to include affordable housing units. The cellar level will be used for parking, residential apartments, amenities, and utilities. The 1st through 6th floors will be used for residential apartments with amenity spaces. The area of the new building footprint is approximately 68,273-square feet. As

current Site topography slopes from the northern portion of the Site to the southern portion of the Site, in order to construct the new foundation, soils beneath the site will be excavated to approximately 13 feet bgs in the southern portion and up to 20 feet bgs in the northern portion with localized excavation between 21 and 24 feet bgs for elevator pits.

3.0 SITE HISTORY

3.1 Past Uses and Ownership

Based on available sources, the Site was sparsely developed in 1888 with six small residences, situated around the site perimeters, and several small outbuildings (stables/sheds). By 1908, the property was developed with the Consumers Park Brewery. The brewery facility is generally consistent with most of the current development, except for a coal shed/storage building and a stable at the north-central portion of the property. A three-story stable was also present at the northwestern portion, which was likely converted to the existing factory building. In addition, northeastern portions were developed with a two-story residence along Franklin Avenue. Central and far northeastern areas are undeveloped as of 1908. By the early 1930s, the brewery was converted to the Burton Dixie Co. (mattress and cotton felt manufacturers) factory, with the northwestern stable converted to a factory building and connected with factory buildings to the south. The former coal shed was then identified as a wire cutting shop and the residence (northeast) identified as a show room. A small retail store was identified at the far northwestern portion (Lot No. 40) and a small transformer house at the north-central portion (west of the former stable). The showroom building (northeast) was demolished by the early-1950s, and the northeastern portion of the property was redeveloped with a parking lot. By the early-1960s, the factory was occupied by M.S. Golombeck, Inc. (spice importers). The wire cutting building (north-central portion) was demolished and the northeastern parking lot was expanded. By 1965, an additional small one-story building was at the north-central portion of the property. The Golombeck spice company reportedly ceased operations in 2019.

The Site is currently owned by 960 Franklin LLC.

3.2 Previous Investigations

The following prior investigations were conducted at the Site:

A Phase I and Phase II Environmental Site Assessment Report by The Elm Group Inc., dated March 2017

- The Elm Group, Inc. (ELM) prepared this report on behalf of Brooklyn 122A Montgomery, LLC in March 2017.
- Based on the historic Sanborn maps, prior to 1908 the Site was developed for residential use. The Site was redeveloped for a commercial/industrial use by 1908. The configuration of the property has remained largely unchanged, originally used as a storage and bottling plant, owned the Consumers Park Brewery. In approximately, 1932, the Consumers Park Brewery was purchased by the Burton Dixie Corporation and repurposed as a mattress and cotton felt manufacturer. In approximately 1963, the previous owner, M.J. Golombeck had purchased the property and repurposed it as a spice importer and distributor, with bottling and storage on Site.
- ELM identified ten recognized environmental conditions (RECs) related to the historic use of the Site during their Phase I ESA and ten areas of concern (AOC) as a result.
- Ten areas of concern identified included kerosene above ground storage tanks (ASTs), bunkered fuel oil AST, historic transformer house, presence of floor drains in basement, presence of a drywell in basement, historic boiler room associated with former brewery operations, historic coal shed and storage area, former engine room/machine shop, brick smokestack, and presence of historic fill material.
- Based on the findings of the Phase I ESA a Phase II site investigation was performed to address the areas of concern and identified RECs.
    - The scope of work consisted of performance of a geophysical survey, installation of 24 soil borings, and collection of 15 soil samples in the identified areas of concern.
    - Soil borings were installed in the vicinity of the identified areas of concern at various depths, with the deepest soil boring advanced to a depth of 12 feet bgs and the deepest soil sample collected at 6 to 6.5 feet

bgs. Samples were collected biased towards any field indication of contamination. If no field evidence of contamination was noted, samples were collected from surface soil, immediately underlying any engineered ground cover, or were collected from a predetermined depth corresponding to the greatest potential for contamination (e.g., tank inverts, piping inverts, etc.).

- No groundwater was encountered during the investigation.
- Below is a summary of the RECs/AOCs and findings:

- **AOC B-2- Kerosene Tanks:**

Three 100-gallon kerosene aboveground storage tanks (ASTs) were observed in the boiler room of the two-story building located adjacent to the office building within Lot 46, identified by ELM as Building 2. No staining was observed on or in the immediate vicinity of the ASTs, however the floor of the boiler room consisted of a dirt floor, which presents the potential for a discharge of hazardous materials to the subsurface. The kerosene ASTs were considered to be a REC.

One soil boring (SB-23) was advanced adjacent to the ASTs, to a depth of 8 feet below grade (bgs). No visual evidence of impacts was observed, and no elevated photoionization (PID) readings were recorded. Groundwater was not encountered at this location. One soil sample was collected at a depth of 4.5 feet bgs. The sample was analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides, and polychlorinated biphenyls (PCBs). No compounds were detected above the New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs) for Unrestricted Use. Based on the analytical results, ELM concluded that no further investigation was recommended for this REC.

- **AOC B-3-Bunkered Oil AST Associated with the Boiler**

As per the report, the office area and one of the fumigation booths of one of the onsite buildings is heated via an oil-fired boiler room located in the former brewery boiler room. Fuel oil is stored in a bunkered concrete-encased AST located beneath a

concrete walkway within the historic boiler room. ELM was not able to determine whether the bottom of the bunker consisted of concrete or soil. This was considered to be a REC.

One soil boring (SB-22) was advanced adjacent to the AST, to a depth of 12 feet bgs. No visual evidence of impacts was observed and PID readings ranged from 0.1 parts per million (ppm) to 12.7 ppm. Groundwater was not encountered at this location. One soil sample was collected at a depth of 5 feet bgs. The sample was analyzed for the NYSDEC Fuel Oil List. No compounds were detected above the NYSDEC SCOs for Unrestricted Use, except for chrysene, which was detected at a concentration of 1.1 parts per million (ppm), marginally above the NYSDEC Unrestricted Use SCO of 1 ppm.

The report states that chrysene was detected in soil samples collected throughout the property and therefore, based on the identified concentrations, the report concluded that the presence of chrysene was not indicative of a release, but rather a result of fill material brought into the property for grading/development activities.

- **AOC C-2: Historic Transformer House**

Based on a review of historic Sanborn maps, a former transformer house was located at the Subject Property in 1932 and 1951. No indication of the former transformer house was observed during ELM's December 29, 2016 inspection and no pertinent information was provided by the Owner (Mr. Golombeck). This was considered to be a REC.

Two soil borings (SB-5 and SB-13) were advanced in the footprint of the former transformer, to a depth of 8 feet bgs. No visual evidence of impacts was observed and PID readings ranged from 1.2 ppm to 12.1 ppm. Groundwater was not encountered at this location. One soil sample was collected at a depth of 0.5 feet bgs at SB-5 and from 2 feet bgs at SB-13. The two samples were analyzed for PCBs. Additionally, the sample collected at SB-13 was analyzed for VOCs and metals. No compounds were detected above the NYSDEC SCOs for Unrestricted Use, except for lead, mercury, and nickel, which were marginally above their respective NYSDEC SCOs.

The report states that these compounds were detected in soil samples collected throughout the property and therefore, based on the identified concentrations, the report concluded that the presence of mercury, lead, and nickel was a result of fill material brought into the property for grading/development activities.

- **AOC D: Floor Drains in Basement**

A total of seven drains were observed within the basements of the onsite 4 and 5-story buildings. As per information provided by the Owner, the drains were no longer in use and had since been sealed with concrete. ELM was not able to determine whether or not the drains discharged into the municipal system. Based on this information and the fact that the Subject Property was utilized for industrial purposes since as early as the 1900s, the presence of drains was considered a REC.

Seven soil borings (SB-14- SB-16, and SB-18- SB-21) were advanced in the footprint of the former transformer, to a depth of 4 feet bgs. No visual evidence of impacts was observed and PID readings ranged from 0 ppm to 14.3 ppm. Groundwater was not encountered at this location. One soil sample was collected at a depth of 3 feet bgs at SB-15, one sample was collected from 1.5 feet bgs at SB-16, and one sample was collected from 0.5 feet bgs at SB-18. The samples were analyzed for VOCs, PCBs, and TAL metals. Several Polycyclic Aromatic Hydrocarbons (PAHs), including benzo(a)anthraces, benzo(a)pyrene, benzo(b) fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-CD)pyrene, were detected above the NYSDEC SCO for unrestricted and restricted use in sample collected from SB-18 (0.5 feet bgs). In addition, nickel was detected above the NYSDEC SCO for unrestricted use in the sample collected from SB-15 (3 feet bgs); and copper, lead, mercury, nickel, and zinc were all detected above the NYSDEC SCO for unrestricted use, except for mercury which also exceeded the SCO for restricted use.

The report concluded that the compounds identified were a result of fill material brought into the property for grading/development activities.

- **AOC E-2: Dry Well in Basement**

A possible dry well was identified in the basement of one of the buildings located within Lot 46. A metal plate was covering the dry well and therefore hindered a

thorough inspection of the dry well. ELM was not able to obtain any information pertaining to the potential dry well or its historical uses. This potential dry well was considered a REC.

One soil boring (SB-17) was advanced adjacent to the dry well, to a depth of 8 feet below grade (bgs). No visual evidence of impacts was observed and PID readings ranged between 4ppm and 9.4 ppm. Groundwater was not encountered at this location. One soil sample was collected at a depth of 6 feet bgs. The sample was analyzed for VOCs, TAL metals, and PCBs. No compounds were detected above the NYSDEC SCOs, except for mercury and nickel. Mercury was detected above the NYSDEC SCOs Unrestricted and Restricted Uses, and Nickel was detected above its Unrestricted Use SCO.

The report states that these two compounds were detected in soil samples collected throughout the property and therefore, based on the identified concentrations, the presence of mercury and nickel was a result of fill material brought into the property for grading/development activities.

- **AOC H-3: Historic Boiler Room Associated with the Former Brewery Operations**

As per the historical Sanborn maps reviewed and information provided by the Owner, a larger boiler room associated with the former onsite brewery operations was formerly located in one of the buildings located in Lot 46. Mr. Golombeck stated that several large tanks previously located in the boiler room were removed when the property was converted into a spice factory. Three 100-gallon kerosene ASTs were observed in the boiler room. No staining was observed on or in the immediate vicinity of the ASTs, however the floor of the boiler room consisted of a dirt floor, which presents the potential for a discharge of hazardous materials to the subsurface. At the time of the site visit, the boiler room was used for storage of construction materials and small chemical containers including paints, greases, and sealants. The boiler room was considered to be a REC.

Two soil borings (SB-23 and SB-24) were advanced in the former boiler room adjacent to the kerosene ASTs and empty drum storage area, to a depth of 8 feet bgs.

No visual evidence of impacts was observed and no elevated PID readings were recorded. Groundwater was not encountered at this location. One soil sample was collected at a depth of 4.5 feet bgs at SB-23. The sample was analyzed for the NYSDEC Fuel Oil List. No compounds were detected above the NYSDEC SCOs for Unrestricted Use. Based on the analytical results, ELM concluded that no further investigation was recommended for this REC.

- **AOC H-4: Historic Boiler Room Associated with the Former Ice Manufacturing Operations**

As per the historical Sanborn maps reviewed, a historic boiler room associated with the former operations of Rubel Corporation on the southern portion of the Subject Property was identified in 1932. No specific information pertaining to this boiler room was located and there were no indications of this former boiler during Elm's site visit. The former boiler room was considered to be a REC.

Two soil borings (SB-1 and SB-2) were advanced in the footprint of the former boiler room, along the eastern property boundary, to a depth of 4 feet bgs. No visual evidence of impacts was observed and PID readings ranged between 0.5 ppm and 8.8 ppm. Groundwater was not encountered at this location. One soil sample was collected at a depth of 1-foot bgs at SB-2. The sample was analyzed for the NYSDEC Fuel Oil List. No compounds were detected above the NYSDEC SCOs for Unrestricted Use. Based on the analytical results, ELM concluded that no further investigation was recommended for this REC.

- **AOC K: Historic Coal Shed and Storage Area**

A former coal shed, and storage area was identified on the 1908 Sanborn map for the Subject Property. The coal shed and storage area was formerly located immediately north of the former brewery boiler room. No indications of this former area were identified during ELM's December 2016 site visit. This was considered a REC.

Four soil borings (SB-8 and SB-11) were advanced in the footprint of the former coal shed and storage area, to a depth of 8 feet bgs. No visual evidence of impacts was observed and no elevated PID readings were recorded. Groundwater was not

encountered at this location. One soil sample was collected at a depth of 1.5 feet bgs at SB-9. Several (PAHs), including benzo(a)anthraces, benzo(a)pyrene, benzo(b) fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-CD)pyrene, were detected above the NYSDEC SCO for Unrestricted and Restricted Uses. In addition, several metals including barium, copper, mercury, and zinc were detected above the NYSDEC SCO for Unrestricted Use, and cadmium and lead were detected above the NYSDEC SCO for Restricted Use.

The report concluded that the compounds identified were a result of fill material brought into the property for historic grading/development activities.

- **AOC L: Former Engine Room/Machine Shop**

A former engine room/machine shop was identified on the 1932 and 1951 Sanborn maps for the Subject Property. The engine room/machine shop was formerly located in the current spice storage area, adjacent to the office building. No indications of this former engine room/machine shop were identified during ELM's December 2016 site visit. This was considered a REC.

Two soil borings (SB-6 and SB-7) were along the northern exterior wall of the former engine room/machine shop, to a depth of 12 feet bgs. No visual evidence of impacts was observed and PID readings ranged from 0 ppm to 10.8 ppm. Groundwater was not encountered at this location. One soil sample was collected at each boring at a depth of 1-foot bgs. The samples were analyzed for TAL metals. Lead, nickel, and zinc were detected above the NYSDEC SCO for Unrestricted Use, and mercury was detected above Unrestricted and Restricted Use in SB-6 (1-foot bgs). Lead, mercury, and zinc exceeded the NYSDEC SCO for Unrestricted Use in SB-7 (1-foot bgs).

The report concluded that the compounds identified were a result of fill material brought into the property for historic grading/development activities.

- **AOC O: Brick Smokestack**

A brick smokestack was observed adjacent to the former brewery boiler room during ELM's December 2016 site visit. According to Mr. Golombeck, the smokestack is no longer used and has been out-of-use for many years. No staining or

evidence of a release was identified on or in the immediate vicinity of the smokestack. However, no information was available regarding the use or age of the smokestack. This was considered a REC.

One soil boring (SB-9) was advanced adjacent to the smokestack, to a depth of 8 feet bgs. No visual evidence of impacts was observed and no elevated PID readings were recorded. Groundwater was not encountered at this location. One soil sample was collected at a depth of 1.5 feet bgs at SB-9. The sample was analyzed for PAHs and TAL metals. Several (PAHs), including benzo(a)anthraces, benzo(a)pyrene, benzo(b) fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-CD)pyrene, were detected above the NYSDEC SCO for Unrestricted and Restricted Uses. In addition, several metals including barium, copper, mercury, and zinc were detected above the NYSDEC SCO for Unrestricted Use, and cadmium and lead were detected above the NYSDEC SCO for Restricted Use.

The report concluded that the compounds identified were a result of fill material brought into the property for grading/development activities.

- **AOC P- Historic Fill**

The report states that several compounds were detected in samples collected throughout the Subject Property at concentrations exceeding the NYSDEC Unrestricted Residential and Restricted Residential SCOs. The exceedances are limited to PAHs and metals, which as per ELM, do not appear to be related to an operational release at the Subject Property, but rather are likely the result of non-indigenous fill brought in as part of grading/development activities.

ELM stated that based on the location of the Subject Property and the fact that groundwater was not encountered in the deepest soil borings installed to 12 feet bgs, there is a limited risk of impact to groundwater from the detected metals and PAHs. VOCs were not detected in any of the soil samples collected and therefore vapor intrusion is not a concern at the Subject Property. Based on the facts mentioned above, the only exposure pathway is through direct contact with onsite soils. ELM stated that this pathway can be addressed through soil removal and

regrading activities as part of future development of the Subject Property, or through the implementation of engineering and institutional controls.

- No exceedances Restricted Residential SCOs of volatile organic compounds (VOCs) were identified in any of the soil samples collected and therefore, ELM concluded that vapor intrusion is not a concern at the Subject Property.
- Based on the findings of the Phase I ESA and Phase II investigation, ELM determined that constituents observed are likely not associated with operational release and appear to be related to non-indigenous fill brought to the Site as part of historic grading/development activities.

A Phase I Environmental Site Assessment Report by ALC Environmental dated August 2017

- A Phase I Environmental Site Assessment, prepared by ALC Environmental dated August 11, 2017, identified the RECs related to the historic use of the Site and adjacent properties found by the aforementioned 2017 ELM Phase I and Phase II ESA.

Supplemental Phase II Environmental Site Assessment Report by Brussee Environmental Corp. dated August 2022

- Brussee Environmental Corp. (BEC) performed Supplemental Phase II ESA to determine suitability/eligibility for the Site to be enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) in August 2022.
- The scope of work consisted of performance of a ground penetrating radar (GPR) survey across accessible areas of the Site, installation and sampling of fifteen soil borings and three soil vapor implants. Soil borings were installed to depths ranging between 3 and 17 feet below grade, and soil vapor implants were installed to approximately 8 feet below grade.
- Groundwater was not encountered during the supplemental Phase II and therefore, no groundwater samples were collected.

- The GPR survey was performed across all accessible areas of Lot 46. No anomalies indicative of an underground storage tank was identified within the accessible areas.
- Soil at the Site consisted generally of fill material extending to depths of 2.5-7 feet below grade. No evidence of petroleum staining and no petroleum-related odors were observed in any of the soil boring samples.
- A total of fifteen (15) soil samples were collected from the 15 soil borings performed across the Site from the fill material layer and analyzed for the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and the eight Resource Conversation and Recovery Act (RCRA) metals by BEC in August of 2022.
- The analytical results revealed that several VOCs were detected in nine of the fifteen soil samples; however, they were detected below their respective Part 375 Restricted Residential Use Soil Cleanup Objectives (RRUSCOs).
- SVOCs, consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were detected at concentrations above their respective RRUSCOs within the eleven soil samples collected from the historic fill at the respective samples and intervals; BEC1 (0-2'), BEC2 (1'-3'), BEC4 (0-2'), BEC7 (0-2'), BEC9 (2'-4'), BEC10 (3'-5'), BEC11 (4'-5'), BEC12 (0-2'), BEC13 (0-1'), BEC14 (0-1'), and BEC15 (0-2').
- Metals, including cadmium and lead, were detected at concentrations above their respective RRUSCOs within the shallow soil samples collected from five of the fifteen soil samples.
- Elevated concentrations of trichloroethene (TCE) and tetrachloroethene (PCE) were detected in the soil vapor sample from SV-1 which extended to a terminal depth of 8 feet below grade. The concentrations of PCE and TCE within SV-1 were both over the NYSDOH Matrices recommendation for mitigation.
- Based on their findings, BEC recommended that any excavation or other subsurface work with the potential to disturb these materials be conducted in accordance with a Soil/Materials Management Plan (SMP), installation of a soil vapor treatment

system and at least a 20-mil vapor barrier system to treat the concentrations of chlorinated VOCs identified below the building slab and to prevent any soil vapor from below the slab to enter the building and impact the health of the building's occupants. Furthermore, BEC recommended submission of a Brownfield Cleanup Program (BCP) application to the NYSDEC if redevelopment is planned for the Site.

A Phase I Environmental Site Assessment Report by KB Environmental Assessment., dated September 2022

- KB Environmental Assessment (KBEA) prepared this report on behalf of 960 Franklin LLC and Cornell Realty Management LLC in September 2022.
- Based on the results of the site inspection, records review, and interviews, two RECs were identified as follows:
    - Information obtained from multiple historic sourced revealed that the Site, as well as the southern adjacent property, were historically utilized for industrial purposes, including a brewery, a mattress factory, a spice importer/wholesaler, coal and brick companies, glass companies and machine and tool companies from least 1928 through 2017. Although the property was previously investigated in 2017, the scope of work was limited (minimal number of soil samples and no groundwater or soil vapor samples were collected/analyzed). As such, KBEA considered the historic use of the subject property and adjacent properties to be a REC.
    - A prior (2017) investigation was conducted at the property to further evaluate multiple RECs identified during a prior Phase I ESA. Based upon a review of soil analytical data obtained from borings drilled across the Site to evaluate the other RECs, urban fill materials were identified across the site, which contained elevated concentrations of SVOCs, specifically PAHs and metals. The consultant that prepared the report concluded that the presence of PAHs and metals was associated with the fill and not indicative of impacts that could be attributed to the historic use of the subject property. The documented presence of impacted soil/fill materials is considered a REC.

Based upon the above findings and conclusions, KBEA recommended the following:

- To evaluate potential impacts related to historic usage of the subject and adjacent properties, a subsurface investigation should be performed. At a minimum, the investigation should include the installation of soil borings with the collection of representative soil, groundwater and/or soil vapor samples for laboratory analysis to document subsurface conditions and determine the nature and extent of contamination (if present).

No controlled recognized environmental conditions (CRECs) were identified for the subject property. However, in addition to the aforementioned REC, KBEA identified one HREC and several environmental concerns (ASTM Non-Scope issues/BERs), and one de minimis condition. The HREC, environmental concerns/BERs and KBEA's recommendations are summarized as follows:

- The Site (Golombecks Methyl Bromide Montgomery Street) was identified on the NYSPILLS database related to one closed spill incident. The spill is related to fumigation of a produce trailer on a public street. The incident was reportedly investigated by NYC hazmat and emergency response units. No additional information is provided; however, the spill was closed by NYSDEC on the same day that it occurred. A Freedom of Information Law (FOIL) request was made to the NYSDEC for additional information. A response was pending at the time of their report. Given the nature of the release and its closed status, KBEA considered this spill to be a HREC that did not warrant further investigation.
- Fluorescent light ballasts were observed throughout the building spaces, which based on the ages of the buildings, may contain PCBs. KBEA recommended that a PCB survey be performed prior to demolition and/or renovation activities. Any PCB-containing equipment affected by the development of the site must be properly managed during demolition and/or renovation activities. In addition, while the disposal of non-leaking PCB ballasts is not currently regulated by the USEPA, KBEA recommended that the PCB ballasts be packaged in a lined, steel drum containing an absorbent material and disposed of as PCB-waste to reduce the potential for

environmental contamination and potential liability for cleanup of any environmental release of PCBs from the ballasts.

- Suspect asbestos-containing vinyl floor tile, acoustic ceiling tiles, and sheetrock/wallboard/plaster were observed throughout the office areas. In addition, suspect pipe and boiler insulation were also observed throughout the factory buildings and in boiler/mechanical rooms. Finally, due to the ages of the site buildings, it is unlikely 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 KBEA recommended that an asbestos survey be performed to determine if ACM are present prior to the proposed work. If ACM are present, then a NYS-licensed contractor must be retained to remove the asbestos in accordance with federal and NYS regulations.

- Areas of water-staining and damage, including peeling/chipping paint, damaged/missing sheetrock, plaster, and concrete, warped/damaged wood, stained/missing ceiling tile, were observed throughout the northwestern building. No visible mold growth was observed, although areas of standing water were also present and active roof/ceiling leaks (weather intrusion) were observed.

If future plans include the use/renovation of the existing structures, then structural repairs should be made to the satisfaction of the NYCDOB. Further, any areas affected by continual water leaks should be repaired and subsequently inspected for the presence of mold growth. Any evidence of mold should be cleaned and removed in accordance with the New York State Department of Health (NYSDOH) Guidelines on Assessment & Remediation of Fungi in Indoor Environments prior to occupancy. Finally, sheetrock/plaster, wood, and other water damaged building materials should be removed from the building and properly disposed.

Copies of the previous reports are provided as Appendix A. All prior reports have been previously submitted to NYSDEC and NYSDOH and can be found in the document repositories which includes this RIR, as well as the following repository link https://extapps.dec.ny.gov/data/DecDocs/C224381/.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The RI included the following scope of work from August 30, 2023 through October 23, 2023:

1. Performance of a geophysical survey to locate unidentified underground storage tanks (USTs) and identify utilities in the vicinity of the proposed boring locations,
2. Installation of fourteen soil borings to 20 feet below sidewalk grade across the Site and collection of forty-two soil samples and additional quality assurance /quality control (QA/QC) samples,
3. Installation of six monitoring wells and collection of six groundwater samples and additional QA/QC samples,
4. Installation of seventeen soil vapor points and collection of sixteen soil vapor samples, one duplicate soil vapor sample, and one ambient air sample as a QA/QC.
5. Installation of ten soil borings to 10 feet bgs in the vicinity of former soil boring SB-17 (installed during the Limited Phase II in 2017) to investigate and delineate mercury contamination encountered between 6 and 6.5 feet bgs.

The Supplemental Remedial Investigation (SRI) included the following scope of work from March 19, 2024 through April 22, 2024:

1. Performance of geophysical survey to identify utilities in the vicinity of the proposed boring locations during the off-site investigation,
2. Installation of nineteen soil borings to approximately 15 to 20 feet below sidewalk grade, or refusal across the Site and collection of one hundred and twenty-five (125) soil samples and additional quality assurance /quality control (QA/QC) samples for vertical and horizontal delineation to supplement the findings of the 2023 RI,
3. Installation of three soil borings to approximately 18 feet below sidewalk grade and collection of nine soil samples for mercury delineation,
4. Installation of nine soil vapor points within the northeastern portion of the Site and collection of nine soil vapor samples, one ambient air sample as a QA/QC,

5. Installation of three soil vapor points along the Montgomery Street sidewalk (immediately adjacent to the Site) and installation of two soil vapor points along the Franklin Street sidewalk (immediately adjacent to the Site) for the collection of five off-site soil vapor samples, and
6. Installation of three groundwater monitoring wells for the collection of synoptic groundwater monitoring well gauging to confirm groundwater flow direction.

A summary of the construction details for soil borings, groundwater monitoring wells, soil vapor points are provided in Table 1. All soil boring locations (with the exception of the mercury delineation sampling borings), groundwater monitoring wells and soil vapor points from the RI and SRI are shown on Figure 5.

4.1 Geophysical Investigation

Prior to intrusive sampling, a geophysical survey was conducted by Coastal Environmental Solutions (Coastal) Medford, New York, on September 8, 2023 and March 28, 2024. The purpose of the geophysical surveys was to identify anomalies indicative of potential underground storage tanks (USTs), locate buried utilities, and clear boring locations prior to intrusive drilling. Coastal utilized Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna, a radio-detection RD7000 precision utility locator and a Fisher M-Scope TW-6 pipe and cable locator.

Copies of the geophysical reports are provided in Appendix B.

4.2 Soil Investigation

4.2.1 Soil Investigation (RI)

Prior to any intrusive work within 200 feet of the existing transit line, a no impact letter was obtained from the Metropolitan Transportation Authority (MTA). The letter of No Impact from the MTA is found in Appendix A. Coastal was retained to install a total of four soil borings across the Site on September 1, 2023. Soil borings 23SB-4, 23SB-5, 23SB-6, and 23SB-14 were installed to 20 feet below grade, utilizing a direct-push drill rig; Geoprobe® 7822. Eastern Environmental Solutions (Eastern) of Manorville, New York was retained to install a total of ten soil borings across the Site between September 28, 2023 and October

11, 2023. Soil borings 23SB-1, 23SB-2, 23SB-3, 23SB-7, 23SB-8, 23SB-9, 23SB-10, 23SB-11, 23SB-12, and 23SB-13 were installed to 20 feet below grade, utilizing a direct-push drill rig; Geoprobe® 7822. Figure 3 shows the location of soil borings installed during the RI. Soil boring logs are provided in Appendix C. Figures 12 through 15 shows the geologic cross-sections of soil borings installed during the RI.

Soil samples were collected continuously into 5-foot sample barrels lined with dedicated acetate sleeves. Continuous soil samples collected from each boring was field screened for presence of volatile organic compounds (VOCs) with a Photo Ionization Detector and visually inspected for evidence of contamination. No elevated PID readings or olfactory odors were identified during the RI. The highest PID reading was from the mercury delineation scope of 23.7 ppm in SB-17N2.

Three samples from each soil boring (total of forty-two soil samples), two duplicate, and two matrix spike/matrix spike duplicate (MS/MSD) samples were collected for chemical analysis during the RI. At these borings, one soil sample was collected from the fill layer at 0 to 2 feet bgs and approximately 4 to 6 feet bgs to characterize historic fill and one deep soil sample was collected from immediately below the historic fill layer. The shallow soil samples (0–2-foot interval) in areas of exposed soils (predominately in the north and northeast portions of the Site) were adjusted to represent surface soils between the 0 to 2-inch interval at areas (not covered with pavement) to evaluate human exposure. The 0 to 2-inch intervals of borings 23SB-3, 23SB-4, 23SB-5, 23SB-7, and 23SB-8 were collected to represent surface soils. All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross contamination. VOC samples were collected via dedicated one-time use 5g terra-core sampler tool provided by the laboratory for each sample. Soil samples were immediately containerized in pre-cleaned, laboratory supplied glassware, stored in a chilled cooler (4°C), and submitted to York Analytical Laboratories (York) of Stratford, CT, under proper chain of custody procedures. Approximate corresponding datum depths are as follows:

Sample ID	**Sample Intervals**
23SB-1	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs

Sample ID	Sample Intervals
23SB-2	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs
23SB-3	0-2 inches bgs, 1-3 feet bgs, 3-5 feet bgs
23SB-4	0-2 inches bgs, 1-3 feet bgs, 4-6 feet bgs
23SB-5	0-2 inches bgs, 2-4 feet bgs, 4-6 feet bgs
23SB-6	0-2 feet bgs, 2-4 feet bgs, 4-6 feet bgs
23SB-7	0-2 inches bgs, 2-4 feet bgs, 4-6 feet bgs
23SB-8	0-2 inches bgs, 1-3 feet bgs, 3-5 feet bgs
23SB-9	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs
23SB-10	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs
23SB-11	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs
23SB-12	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs
23SB-13	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs
23SB-14	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs
DUP (23SB-13)	6-8 feet bgs
MS/MSD (23SB-9)	0-2 feet bgs
DUP (23SB-10)	6-8 feet bgs
MS/MSD (23SB-1)	6-8 feet bgs

Soil samples were analyzed at New York State Department of Health ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, Target Analyte List (TAL) metals including chromium, hexavalent and chromium, trivalent by EPA Methods 6010/7473/7196, 1,4-dioxane by EPA Method 8270 SIM, and 40 per- and polyfluoroalkyl substances (PFAS) compounds via EPA Method 1633.

4.2.2 Mercury Delineation (RI)

Due to elevated concentrations of mercury identified during the previous Limited Phase II in 2017 in the vicinity of SB-17, a mercury delineation scope was required by the NYSDEC and NYSDOH. Coastal was retained on August 30, August 31, and September 21, 2023, to install ten soil borings in hotspot area SB-17 (subsequent delineation borings SB-17X, SB-17E1, SB-17E2, SB-17S1, SB-17S2, SB-17W1, SB17-W2 initially with the addition of SB-17S3, SB-17N1 and SB-17N2 after the first round of results) to 10 feet below the existing cellar grade. Soil borings were stepped out 5 feet and 10 feet in the north, east, and west directions from the hotspot center (SB-17X). Soil borings were stepped out 5 feet, 10 feet and 15 feet, as directed by the NYSDEC, in the southern direction from the hotspot center (SB-17X). Figure 6 shows the location of soil borings installed during the mercury delineation. Soil boring logs are provided in Appendix C.

Coastal utilized a direct-push drill rig; Geoprobe® 420M for the installation of the mercury delineation borings. The borings were advanced continuously to 10 feet below grade or refusal. Soil samples were retrieved using 1.5-inch diameters, 3-foot-long core sampler with disposable acetate liners. A Geologist was onsite to log the soils, visually characterize them, and field screen them with a photo ionization detector (PID) for the presence of petroleum contamination.

A total of fifty-one (51) samples were proposed; however, only thirty-six (36) were collected from the hotspot SB-17 location. Drilling methods during the RI were unable to reach proposed terminal depths in several borings due to equipment constraints with the remote access rig and dense lithology beneath the cellar slab. Soil samples were attempted

to be collected from every two feet between grade level and 10 feet below grade (0-2', 2-4', 4-6', 6-8', 6-8', and 8-10') in each boring location. All soil samples, except SB-17X (6-8') were analyzed for mercury and were put on hold for TCLP analysis and activated as necessary for analysis to delineate the hotspot. Sample SB-17X (6-8') was analyzed for total mercury and TCLP mercury. Thirty-six soil samples in total were analyzed for total mercury and a total of seven were later analyzed for TCLP mercury. The remaining samples were not analyzed for TCLP mercury and were placed on hold.

All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross contamination. Soil samples were immediately containerized in pre-cleaned, laboratory supplied glassware, stored in a chilled cooler (4°C), and submitted to York Analytical Laboratories (York) of Stratford, CT, under proper chain of custody procedures. Approximate corresponding datum depths are as follows:

Soil Boring ID	Sample Depths (ft)	Delineation Representation	Analyzed
SB-17X	(0-2', 2-4', 4-6', 6-8')	Vertical Delineation	Total Mercury / TCLP Mercury (0-2', 6-8')
SB-17N1	(0-2', 2-4', 4-6', 6-8')	Horizontal Delineation	Total Mercury / TCLP Mercury (0-2', 2-4')
SB-17N2	(0-2', 2-4', 4-6')	Horizontal Delineation	Total Mercury / TCLP Mercury (0-2', 4-6')
SB-17E1	(0-2', 2-4', 4-6', 6-8')	Horizontal Delineation	Total Mercury
SB-17E2	(0-2', 2-4', 4-6')	Horizontal Delineation	Total Mercury
SB-17S1	(0-2', 2-4', 4-6')	Horizontal Delineation	Total Mercury
SB-17S2	(0-2', 2-4', 4-6', 6-8', 8-10')	Horizontal Delineation	Total Mercury / TCLP Mercury (6-8')
SB-17S3	(0-2', 2-4', 4-6')	Horizontal Delineation	Total Mercury

Soil Boring ID	Sample Depths (ft)	Delineation Representation	Analyzed
SB-17W1	(0-2', 2-4', 4-6')	Horizontal Delineation	Total Mercury
SB-17W2	(0-2', 2-4', 4-6')	Horizontal Delineation	Total Mercury

All soil samples collected from the ten delineation borings were submitted for Target Analyte List (TAL) metals by EPA Methods 6010/7473.

Soil samples collected from SB-17X (6-8'), SB-17X (0-2'), SB-17S2 (4-6'), SB-17N1 (0-2'), SB-17N1 (2-4'), SB-17N2 (0-2') and SB-17N2 (4-6') were submitted for Toxicity Characteristic Leaching Procedure (TCLP) via EPA Method 1311/6010D and total mercury via EPA Method 6010D.

4.2.3 Soil Investigation (SRI)

Eleven soil borings were installed to 20 feet below grade, utilizing a direct-push drill rig; Geoprobe® 7822. Coastal was retained to install a total of eleven (11) soil borings across the Site between March 19, 2024 and March 22, 2024. On April 22, 2024 Coastal was retained to install an additional eight (8) soil borings in the northeastern portion of the Site. Figure 3 shows the location of soil borings installed during the SRI. Soil boring logs are provided in Appendix C. Figures 16 through 21 show the geologic cross-sections of soil borings installed during the SRI.

Soil samples were collected continuously into 5-foot sample barrels lined with dedicated acetate sleeves. Continuous soil samples collected from each boring was field screened for presence of volatile organic compounds (VOCs) with a Photo Ionization Detector and visually inspected for evidence of contamination. No PID readings or olfactory odors were identified during the SRI.

A minimum of five samples from each soil boring (total of seventy-one soil samples), four duplicate, and four matrix spike/matrix spike duplicate (MS/MSD) samples were collected for chemical analysis during the SRI. From soil borings 24SB-1 through 24SB-5, a minimum

of five soil samples from each boring (a total of 29 samples) were collected for laboratory analysis. At these borings, samples were collected below the historic fill layer in 2-foot intervals and extended below the developmental depths. The samples immediately below the fill layer and proposed developmental depth were analyzed for the full suite of Part 375 compounds listed below, while the other samples were kept on hold to be activated as necessary. Seven soil samples were collected from 24SB-1 and 24SB-2 (i.e., the northern portion of the Site), and five soil samples were collected from 24SB-3 through 24SB-5 (i.e., the southern portion of the Site) due to the gentle sloping of the Site.

From soil borings 24SB-6 through 24SB-16, a minimum of eleven soil samples (a total of 64 samples) were collected for laboratory analysis. At these borings, samples were collected at the 0'-2', 4'-6', 6'-8', and 12'-14' intervals with additional 2-foot sample intervals (14'-16', 16'-18' and 18'-20' in 24SB-6 through 24SB-11) extending to proposed developmental depths (approximately 20' below grade) and additional 2-foot sample intervals (14'-16', 16'-18', 18'-20', 20'-22', 22'-24' and 24'-26' in 24SB-12 through 24SB-16. The 0'-2', 4'-6', 6'-8', and 12'-14' intervals from 24SB-6 through 24SB-11 were analyzed for the full suite of Part 375 compounds listed below and the 0'-2', 4'-6', 6'-8', and 12'-14' intervals from 24SB-12 through 24SB-16 were analyzed for TCL VOCs, TCL SVOCs, TAL Metals including chromium, hexavalent and chromium trivalent; while the other samples were kept on hold to be activated as necessary. Due to demolition debris covering portions of the former building slabs at the Site, 24SB-10 was over drilled and accounted for the depth of demolition debris encountered at this boring location. Approximately 5 feet of demolition debris was observed atop of the former building slab at the 24SB-10 location. As such, the sample intervals were adjusted accordingly to represent soil conditions beneath the former slab. The original 0'-2', 4'-6', 6'-8', and 12'-14' samples at 24SB-10 were adjusted to 5-7', 9-11', 11-13', and 17-19' accordingly.

From soil borings SB-24SV-2-N1, SB-24SV-2-E1, and SB-24SV-2-S1, nine soil samples were collected for laboratory analysis to further investigation VOCs at depth associated with soil vapor point 24SV-2 in the northeastern portion of the Site at the intervals of 8'-10', 10'-12' and 12'-14' and were sampled for the Part 375 TCL VOC compounds list.

The over drilling of 24SB-10 and change in sampling intervals at 24SB-10, the installation and sampling of 24SB-12 through 24SB-16 and installation and sampling of SB-24SV-2-N1, SB-24SV-2-E1, and SB-24SV-2-S1 are considered deviations from the approved SRIWP. All additional work mentioned above was proposed and approved by the NYSDEC PM prior to implementation.

All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross-contamination. VOC samples were collected via dedicated one-time use 5g terra-core sampler tools provided by the laboratory for each sample. Soil samples were immediately containerized in pre-cleaned, laboratory-supplied glassware, stored in a chilled cooler (4°C), and submitted to York Analytical Laboratories (York) of Stratford, CT, under proper chain of custody procedures. Approximate corresponding datum depths are as follows:

Sample ID	**Analyzed Sample Intervals**
24SB-1	6-8 feet bgs, 18-20 feet bgs
24SB-2	6-8 feet bgs, 18-20 feet bgs
24SB-3	6-8 feet bgs, 18-20 feet bgs
24SB-4	6-8 feet bgs, 18-20 feet bgs
24SB-5	6-8 feet bgs, 14-16 feet bgs
24SB-6	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs, 14-16 feet bgs
24SB-7	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs
24SB-8	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs, 14-16 feet bgs
24SB-9	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs, 14-16 feet bgs

Sample ID	Analyzed Sample Intervals
24SB-10	5-7 feet bgs, 9-11 feet bgs, 11-13 feet bgs, 17-19 feet bgs 19-21 feet bgs
24SB-11	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs, 14-16 feet bgs
24SB-12	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs, 14-16 feet bgs
24SB-13	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs, 14-16 feet bgs
24SB-14	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs, 14-16 feet bgs
24SB-15	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs, 14-16 feet bgs
24SB-16	0-2 feet bgs, 4-6 feet bgs, 6-8 feet bgs, 12-14 feet bgs
SB-24SV-2-N1	8-10 feet bgs, 10-12 feet bgs, 12-14 feet bgs
SB-24SV-2-E1	8-10 feet bgs, 10-12 feet bgs, 12-14 feet bgs
SB-24SV-2-S1	8-10 feet bgs, 10-12 feet bgs, 12-14 feet bgs
SB-DUP-1 (24SB-1)	6-8 feet bgs
SB-DUP-2 (24SB-11)	4-6 feet bgs
SB-DUP-3 (24SB-9)	6-8 feet bgs
SB-DUP-4 (24SB-3)	14-16 feet bgs

Sample ID	Analyzed Sample Intervals
24SB-2 (18-20) MS/MSD	18-20 feet bgs
24SB-7 (12-14) MS/MSD	12-14 feet bgs
24SB-5 (6-8) MS/MSD	6-8 feet bgs
24SB-10 (17-19) MS/MSD	17-19 feet bgs
24SB-13 (0-2) MS/MSD	0-2 feet bgs
24SB-14 (6-8) MS/MSD	6-8 feet bgs
SB-DUP-5 (24SB-13)	0-2 feet bgs
SB-DUP-6 (24SB-14)	6-8 feet bgs

Soil samples from 24SB-1 through 24SB-11 were analyzed at a New York State Department of Health ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, Target Analyte List (TAL) metals including chromium, hexavalent and chromium, trivalent by EPA Methods 6010/7473/7196, 1,4-dioxane by EPA Method 8270 SIM, and 40 per- and polyfluoroalkyl substances (PFAS) compounds via EPA Method 1633. Additional samples collected during the investigation were placed on hold and analyzed for particular analytes, as necessary.

Soil samples from 24SB-12 through 24SB-16 were analyzed at a New York State Department of Health ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, and Target Analyte List (TAL) metals including chromium, hexavalent and chromium, trivalent by EPA Methods

6010/7473/7196. Additional samples collected during the investigation were placed on hold and analyzed for particular analytes, as necessary.

Soil samples from SB-24SV-2-N1, SB-24SV-2-E1, and SB-24SV-2-S1 were analyzed at a New York State Department of Health ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, due to the presence of a suspect chlorinated VOCs in the area.

4.2.4 Mercury Delineation (SRI)

Due to elevated concentrations of mercury identified during the 2023 RI in the vicinity of SB-17, further delineation was conducted during the SRI. Coastal was retained on March 22, 2024, to install three soil borings in hotspot area SB-17 (subsequent delineation borings SB-17N3, SB-17W3, and SB-17E3) to 18 feet below grade (or approximately 6 feet below the former cellar slab grade). Soil borings were stepped out 5 feet in the north, east, and west directions from the former area of concern (AOC) identified in previous investigations. Figure 6 shows the location of soil borings installed during the supplemental mercury delineation. Soil boring logs are provided in Appendix C.

Coastal utilized a direct-push drill rig; Geoprobe® 7822 for the installation of the mercury delineation borings. The borings were advanced continuously to 18 feet below grade. Soil samples were retrieved using 2-inch diameter, 5-foot-long core sampler with disposable acetate liners. A Geologist was onsite to log the soils, visually characterize them, and field screen them with a photo ionization detector (PID) for the presence of petroleum contamination.

A total of nine (9) samples were collected (3 from each boring) from the hotspot SB-17 location. Soil samples were collected from every two feet between the former cellar slab grade level and 18 feet below grade (12-14', 14-16', and 16-18') in each boring location. All soil samples were analyzed for mercury and were put on hold for TCLP analysis and activated as necessary for analysis to delineate the hotspot. Based on the total mercury results of the nine samples, TCLP mercury was not analyzed in any of the samples.

All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross contamination. Soil samples were immediately containerized in pre-cleaned,

laboratory supplied glassware, stored in a chilled cooler (4°C), and submitted to York Analytical Laboratories (York) of Stratford, CT, under proper chain of custody procedures. Approximate corresponding datum depths are as follows:

Soil Boring ID	Sample Depths (ft)	Delineation Representation	Analyzed
SB-17N3	(12-14', 14-16', 16-18')	Horizontal Delineation	Total Mercury
SB-17W3	(12-14', 14-16', 16-18')	Horizontal Delineation	Total Mercury
SB-17E3	(12-14', 14-16', 16-18')	Horizontal Delineation	Total Mercury

All soil samples collected from the three delineation borings were submitted for Target Analyte List (TAL) metals by EPA Methods 6010/7473.

4.3 Groundwater Investigation

4.3.1 Groundwater Investigation (RI)

Six permanent groundwater monitoring wells designated as MW-1 through MW-6 were installed across the Site between September 12 and October 18, 2023. Three monitoring wells were installed with a mud rotary setup on a Geoprobe® 7822 to approximately 90 feet bgs. Three monitoring wells were installed with a Sonic-Rotary Geoprobe® 8140LS to depths between 90 and 95 feet bgs. The monitoring wells were constructed of PVC and had a minimum 10-foot screen set at various depths. However, due to the unknown groundwater elevation at the time, the wells were over-screened to ensure groundwater was observed. The following in-text table shows the well construction of each of the six monitoring wells.

Installed Monitoring Well Construction Information

Monitoring Well ID	Installed Depth *	Depth of Groundwater*	Bottom of Screen *	Top of Screen *	Total Screen Depth *
MW-1	95	88.53	95	70	25
MW-2	90	86.51	90	70	20

Monitoring Well ID	Installed Depth *	Depth of Groundwater*	Bottom of Screen *	Top of Screen *	Total Screen Depth *
MW-3	95	87.11	95	70	25
MW-4	90	87.36	90	70	20
MW-5	90	78.04	90	75	15
MW-6	90	86.14	90	70	20

* All measurements above are from grade level.

Figure 3 shows the location of groundwater monitoring wells installed during the RI. Monitoring well construction logs are provided in Appendix D.

All monitoring wells were developed followed by installation using a submersible pump until the water was clear and turbidity was less than 50 Nephelometric Turbidity Units (NTU). Monitoring wells were gauged and surveyed by Montrose Surveying Co. LLP. Groundwater elevations ranged from el. 9.63 feet North American Vertical Datum 1988 (NAVD88) in MW-2 to el. 21.23 feet (NAVD88) in MW-5.

One groundwater sample (total of six) was collected from each monitoring well, plus one duplicate groundwater sample from MW-6 and one MS/MSD sample from MW-6, utilizing USEPA low-flow groundwater sampling techniques one week after well development. The groundwater monitoring wells were purged approximately three well volumes prior to sampling utilizing a peristaltic pump. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity were measured during purging. The tubing was changed between each monitoring well to prevent cross-contamination, and the low-flow equipment was cleaned with Alconox and distilled water. Samples were collected with a Monsoon Pro pump with dedicated polyethylene tubing. Groundwater samples were placed into laboratory-supplied glassware and stored in a chilled cooler ($4^{o}C$), and submitted to York of Stratford, CT, under proper chain of custody procedures.

Groundwater samples plus the duplicate and MS/MSD groundwater samples collected at groundwater interface were submitted to York Analytical Laboratories, an ELAP certified laboratory, for analysis for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBS by EPA Method 8082, and TAL metals (total

and dissolved) via EPA Method 6010, 40 per- and polyfluoroalkyl substances (PFAS) compounds via EPA Method 1633, and 1,4-dioxane via 8270 SIM.

All groundwater monitoring wells were surveyed to a common datum on October 24, 2023. The monitoring wells gauged during the survey on October 24, 2023. A groundwater contour map showing groundwater flow direction is provided on Figure 7. Groundwater sampling logs and monitoring well survey are provided in Appendix E.

4.3.2 Groundwater Investigation (SRI)

Three permanent groundwater monitoring wells designated as MW-7 through MW-9 were installed across the Site between March 20 and March 26, 2024 and were installed with a Sonic-Rotary Geoprobe® 8140LS by Eastern Environmental Solutions of Manorville, New York, to depths of 95 feet bgs. The three wells were installed to determine the groundwater flow direction beneath the Site utilizing a sonic drill rig. It should be noted that the monitoring wells previously installed during the 2023 RI were demolished or damaged during the demolition of the Site buildings and are no longer usable. Therefore, three new wells for a round of synoptic groundwater monitoring well gauging were proposed for installation to confirm groundwater flow direction.

The monitoring wells were constructed of 2-inch diameter PVC casing and 0.020-inch slotted PVC well screen or 2-inch pre-packed wells. It was determined to install 15-foot screens to ensure 5 feet of screen above and below the groundwater table where Morrie No. 1 or equivalent clean sand was used to fill the annular gap around the screen and above the top of the screened interval. A bentonite seal was installed above the sand, and the remainder of the borehole will be backfilled to grade with non-petroleum-impacted drill cuttings and/or clean sand. The monitoring wells currently have stick-up risers above grade for visibility.

The following in-text table shows the well construction of each of the three monitoring wells.

Installed Monitoring Well Construction Information

Monitoring Well ID	Installed Depth *	Depth of Groundwater*	Bottom of Screen *	Top of Screen *	Total Screen Depth *
MW-7	95	86.08	95	80	15
MW-8	95	84.86	95	80	15
MW-9	95	80.03	95	80	15

* All measurements above are from grade level.

Figure 3 shows the location of groundwater monitoring wells installed during the SRI. Monitoring well construction logs are provided in Appendix D.

All monitoring wells were developed, followed by installation using a submersible pump until the water was clear and turbidity was less than 50 Nephelometric Turbidity Units (NTU). Monitoring wells were gauged and surveyed by Montrose Surveying Co. LLP on March 28, 2024. Groundwater elevations ranged from el. 11.82 feet North American Vertical Datum 1988 (NAVD88) in MW-7 to el. 17.87 feet (NAVD88) in MW-9.

No groundwater samples were collected from the installed wells and were only utilized for a round of synoptic groundwater monitoring well gauging to confirm groundwater flow direction.

4.4 Soil Vapor Investigation

4.4.1 Soil Vapor Investigation (RI)

Seventeen soil vapor probes (designated as 23SV-1 through 23SV-16, with a duplicate location named 23SV-X) were installed 12 feet bgs across the Site and at 4 feet bgs within two locations in existing cellar of the southeast building (designated as 23SV-13 and 23SV-14). An outdoor air sample, AO-1, was also collected in a central location of the Site.

The construction of the vapor points followed the design of the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates. For the installation of the soil vapor points were connected to ¼-inch outer diameter inert polyethylene, teflon lined, tubing which extended above ground surface to allow for purging and sampling. Prior to testing, the integrity of the seal was tested by placing a

plastic shroud over the vapor points to isolate them from ambient air. Then, a helium tracer gas was applied into the shroud and was screened utilizing a helium detector for presence of helium. No helium was detected in any of the vapor points; therefore, the sampling points were confirmed to be sealed properly prior to sampling.

After purging approximately three volumes of air from each vapor point at a flow rate less than 200 milliliters per minute, representative samples were collected for laboratory analysis utilizing 6-liter SUMMA canisters fitted with 8-hour flow controllers during the sampling events on October 13 and October 19, 2023. Flow controllers were set to not to exceed 0.2 liters per minute, as established by the NYSDOH Guidance document. Upon completion of the vapor sampling, all canisters were labeled properly with the sample ID numbers, and vacuum pressure readings in the canisters before and after the sample collection. The vapor samples were submitted to York of Stratford, CT, under proper chain of custody procedures. Soil vapor samples were analyzed for VOCs via USEPA Method TO-15. During the soil vapor sampling on October 13, 2023, Vektor encountered regulator issues with two of the sample locations (23SV-2 and 23SV-15), showing no change in vacuum. The laboratory instructed Vektor to continue to sample the entire 8 hours in the event that the regulators had faulty gauge readings. Vektor retested the integrity of the soil vapor points and resampled soil vapor samples 23SV-2 and 23SV-15 on October 19, 2023.

Soil vapor and outdoor ambient air sampling locations from the sampling event are shown in Figure 4. Soil vapor sampling logs are included in Table 2.

4.4.2 Soil Vapor Investigation (SRI)

Nine soil vapor probes (designated as 24SV-1X through 24SV-3X, with a duplicate location named 24SV-X) were installed utilizing a Geoprobe® 7822 by Coastal on March 28, 2024 at three distinct depths at each of the three locations at 5, 8, and 12 feet below grade surface. The sample nomenclature consisted of the following: 24SV-1S (for 5’ below grade), 24SV-1I (for 8’ below grade), and 24SV-1D (for 12’ below grade), etc. A blind duplicate sample was collected at 24SV-2S. An outdoor air sample, 24OA, was also collected in a central location during the soil vapor sampling.

Five (5) soil vapor points (24OSV-1 through 24OSV-5) were installed using the same direct-push drill rig mentioned above for the off-site soil vapor investigation on March 28, 2024 at pre-determined locations per NYSDEC along the Montgomery Street sidewalk (3 locations) and the Franklin Street sidewalk (2 locations) immediately adjacent to the Site. The off-site soil vapor points were installed at each location at 12 feet below grade.

The construction of the vapor points followed the design of the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates. For the installation of the soil vapor points were connected to ¼-inch outer diameter inert polyethylene, teflon lined, tubing which extended above ground surface to allow for purging and sampling. Prior to testing, the integrity of the seal was tested by placing a plastic shroud over the vapor points to isolate them from ambient air. Then, a helium tracer gas was applied into the shroud and was screened utilizing a helium detector for presence of helium. No helium was detected in any of the vapor points; therefore, the sampling points were confirmed to be sealed properly prior to sampling.

After purging approximately three volumes of air from each vapor point at a flow rate less than 200 milliliters per minute, representative samples were collected for laboratory analysis utilizing 6-liter SUMMA canisters fitted with 8-hour flow controllers during the sampling event on March 29, 2024. Flow controllers were set to not to exceed 0.2 liters per minute, as established by the NYSDOH Guidance document. Upon completion of the vapor sampling, all canisters were labeled properly with the sample ID numbers, and vacuum pressure readings in the canisters before and after the sample collection. The vapor samples were submitted to York of Stratford, CT, under proper chain of custody procedures. Soil vapor samples were analyzed for VOCs via USEPA Method TO-15.

Soil vapor and outdoor ambient air sampling locations from the sampling event are shown in Figure 4. Soil vapor sampling logs are included in Table 2.

4.5 Quality Assurance / Quality Control Sampling

During the RI, field blanks, trip blanks, field duplicate samples, matrix spike/matrix spike duplicate (MS/MSD) samples, and an ambient air sample were collected and submitted for laboratory analysis. QA/QC samples include the following quality control samples:

RI QA/QC Samples

Soil QA/QC samples

- Two field blanks: FB-1 (10/10/2023) and FB-2 (10/11/2023)
- Two trip blank: TB-1 (10/10/2023) and TB-2 (10/11/2023)
- Two field duplicate sample: 23SB-13 (DUP) and 23SB-10 (DUP)
- One MS/MSD sample: 23SB-1 (6-8) MS/MSD and 23SB-9 (6-8) MS/MSD

Groundwater QA/QC samples

- One field blank sample: FB-1 (10/19/2023), FB-2 (10/20/2023), FB-3 (10/23/2023)
- One trip blank sample: TB-1 and TB-2
- One field duplicate sample: MW-DUP-1
- One MS/MSD duplicate samples: MW-MS and MW-MSD

Soil Vapor QA/QC samples

- One outdoor ambient sample: OA-1
- One field duplicate sample: 23SV-X

SRI QA/QC Samples

Soil QA/QC samples

- Five field blanks: FB-1 (3/19/2024), FB-2 (3/20/2024), FB-3 (3/21/2024), FB-4 (3/22/2024), and FB-5 (4/22/2024)
- Five trip blanks: TB-1 (3/19/2024), TB-2 (3/20/2024), TB-3 (3/21/2024), TB-4 (3/22/2024), TP-5 (4/22/2024)
- Six field duplicate samples: SB-DUP-1 (24SB-1), SB-DUP-2 (24SB-11), SB-DUP-3 (24SB-9), SB-DUP-4 (24SB-3), SB-DUP-5 (24SB-13) and SB-DUP-6 (24SB-14)
- Six MS/MSD samples: 24SB-2 (18-20) MS/MSD, 24SB-7 (12-14) MS/MSD, 24SB-5 (6-8) MS/MSD, 24SB-10 (17-19) MS/MSD, 24SB-13 (0-2) MS/MSD and 24SB-14 (6-8) MS/MSD.

Soil Vapor QA/QC samples

- One outdoor ambient sample: 24OA
- One field duplicate sample: 24SV-X (at 24SV-2S)

Field duplicates were collected to assess the accuracy of the analytical methods relative to the sample matrix. The duplicates were collected from the same sample media as the primary sample by splitting the volume of homogenized sample collected in the field into two sample containers. Duplicate soil, groundwater, and soil vapor samples were collected at the rate of one per 20 samples and submitted to the laboratory. Matrix spike and matrix spike duplicates (MS/MSD) were collected at the rate of one per 20 samples and submitted to the laboratory.

Trip blank samples were collected to assess the potential for contamination of the sample containers and samples during the trip from the laboratory to the field, and back to the laboratory for analysis. Trip blanks contain approximately 40 milliliters of acidic water (doped with hydrochloric acid) that is sealed by the laboratory when the empty sample containers are shipped to the field and unsealed and analyzed by the laboratory when the sample shipment is received from the field. Trip blanks accompanied samples each time they were transported to the laboratory and were analyzed for VOCs.

Field blank samples were collected to determine the effectiveness of the decontamination procedures for the groundwater sampling equipment train and the cleanliness of unused neoprene gloves and acetate liners used to collect soil samples. Field blank samples consisted of deionized, distilled water provided by the laboratory that has passed through the sampling.

4.6 Reporting

Daily reports were provided to NYSDEC including a summary of Site activities, investigation progress updates, and photographs of fieldwork. Copies of the submitted daily reports are included in Appendix F.

4.7 Community Air Monitoring Program

Air monitoring was conducted to characterize any personnel exposures and fugitive emissions generated from the performance of the investigation activities. Air monitoring was performed in accordance with the CAMP/HASP prepared for this investigation.

Calibrated air monitoring instruments were used to monitor for potential releases of volatile organic vapors and soil particulates from the Site. Upwind and downwind air monitoring stations were established relative to each drilling location. A portable data logging Photo Ionization Detector and particulate meter were utilized during all invasive activities. The air monitoring instruments were calibrated on a daily basis prior to the start of field work. No elevated PID or dust readings were identified during the RI. Copies of the air monitoring field forms are included in Appendix G.

A Jerome 405 Mercury Vapor Analyzer (Jerome 405) was utilized for work zone air monitoring during the drilling and collection of mercury delineation samples for the mercury hotspot during the RI only as work was conducted in a cellar. Copies of the mercury vapor air monitoring field forms are included in Appendix G.

4.8 Data Validation

Laboratory reports include ASP Category B deliverables for use in the preparation of a data usability report (DUSR). All analyses were reported using NYSDEC ASP Category B deliverables. Laboratory data for all media (soil, groundwater, soil vapor) during the RI was reviewed by Alpha Geoscience, a third-party validator. Laboratory data for the soil and soil vapor samples during the SRI are currently under review by Alpha Geoscience, and a DUSR will be prepared in accordance with USEPA and NYSDEC protocols. The DUSRs are applicable to all samples collected during the RI and SRI. Refer to Section 5.7 for further details.

4.9 Investigation Derived Waste

Investigation-derived wastes (IDW) generated during the RI and SRI were containerized as necessary. Since no evidence of contamination was observed in soil samples, the soil boring locations were backfilled with soil cuttings. Aqueous waste from monitoring well development and purging and decontamination water were placed into DOT-approved 55-

gallon steel drums with sealed tops. The drums will be transported off-site by a licensed waste hauler and disposed of at a permitted facility.

5.0 REMEDIAL INVESTIGATION RESULTS

All media including soil, groundwater, and soil vapor have been sampled and evaluated in this RIR. Discrete (grab) samples have been used for delineating the nature and extent of contamination and to determine the impact of contaminants on public health and the environment.

Soil results are compared to the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), Restricted Residential Use SCOs, and Protection of Groundwater SCOs (PGWSCOs).

Groundwater results are compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards (AWQS) and Guidance Values published in "Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs".

Soil vapor and air results were reviewed in conjunction with groundwater and soil data.

5.1 Fish and Wildlife Remedial Impact Analysis

The Site provides no wildlife habitat or food value. There are no natural waterways, wetlands, resources, or critical habitants of endangered species present on or adjacent to the Site. Therefore, a fish and wildlife remedial impact analysis is not required.

5.2 Geological and Hydrogeological Conditions

5.2.1 Stratigraphy

The stratigraphy of the Site, from the surface down, consists of a historic urban fill layer extending to approximately 5 feet below the majority of Site and down to approximately 13 feet in a limited area in the northeastern portion of the Site were identified. The fill material predominantly consists of limited brick and concrete mixed with silty sand. The stratigraphy below the fill layer mainly consists of silty sand with some clay.

5.2.2 Hydrogeology

Groundwater head measurements were collected utilizing a Solinst® 122 Oil/Water Interface probe. The interface probe can measure depths to water to 0.01 inch. No free product was observed within any of the monitoring wells. Ground elevation at the site ranges from 90.69 feet (NAVD88) in the east to 99.57 feet (NAVD88) in the north. The depth to water readings were obtained by utilizing an interface probe during the RI and SRI. Average depth to groundwater was determined as 85.7 feet bgs or el. 12.2 North American Vertical Datum 1988 (NAVD88) during the RI and 83.65 feet bgs or el. 14.2 NAVD88. Based on the findings of the SRI synoptic groundwater gauging event, groundwater beneath the Site generally flows from northwest to southeast.

A table of water level data for all monitor wells is included in Table 1. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 7.

5.3 Geophysical Investigation Findings

Coastal did not identify any anomalies or areas of concern indicative of potential USTs during either of the geophysical surveys during the RI or SRI.

Copies of the geophysical reports are provided in Appendix B.

5.4 Soil Results

Figure 3 provides the soil boring locations installed during investigations and Figure 6 provides the mercury delineation soil boring locations installed during the RI and SRI. Figures 8a through 8d provide a summary of soil exceedances identified during the RI and SRI by VOCs and SVOCs, Pesticides and PCBs, Metals, and PFAS, respectively. Figure 9 provides a summary of mercury delineation findings from the RI and SRI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, are reported in Tables 3 through 9. Laboratory analytical deliverables for soil samples are provided in Appendix H.

5.4.1 Soil Chemistry (RI)

A total of forty-two soil samples plus two soil duplicates (DUP) and two sets of matrix spike/matrix spike duplicate (MS/MSD), were collected from 14 soil borings 23SB-1 through 23SB-14 during the RI between September 1 through October 11, 2023. These soil samples were analyzed for TCL VOCs, TCL SVOCs, pesticides, PCBs, TAL metals including chromium, hexavalent and chromium trivalent, 1,4-dioxane, and 40 PFAS compounds.

Soil results were compared to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use SCOs (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) if also identified in groundwater. Emerging contaminant results were compared to the guidance values as established in the NYSDEC Guidance Document for Part 375 Remedial Programs. The qualifiers mentioned below are from the laboratory analytical reports and will be updated upon receipt of the DUSRs.

Volatile Organic Compounds

No VOCs were detected above Unrestricted Use SCOs. Acetone and methylene chloride, both of which are common laboratory artifacts, were detected in several samples at low concentrations.

Semi-Volatile Organic Compounds

Seven SVOCs, including polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding their respective UUSCOs. Four of these, including benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene and chrysene were detected at concentrations above their PGWSCOs. The RRSCO for five of these SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) and two PGWSCOs (benzo(a)anthracene and chrysene) are the same as the UUSCOs and therefore, also exceeded their respective RRSCOs and PGWSCOs as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Benzo(a)anthracene	23SB-2 (4'-6')	1.29 D	UUSCO: 1 RRSCO: 1 PGWSCO: 1
	23SB-3 (0-2 in)	8.65 D	
	23SB-5 (0-2 in)	1.04 D	
	23SB-7 (0-2 in)	6.38 D	
	23SB-7 (2'-4')	16.2 D	
	23SB-8 (0-2 in)	11 D	
Benzo(a)anthracene	23SB-8 (1'-3')	2.86 D	UUSCO: 1 RRSCO: 1 PGWSCO: 1
	23SB-9 (0'-2')	1.46 D	
	23SB-9 (4'-6')	9.34 D	
	23SB-11 (4'-6')	2.06 D	
	23SB-13 (4'-6')	15.4 D	
Benzo(a)pyrene	23SB-2 (4'-6')	1.12 D	UUSCO: 1 RRSCO: 1 PGWSCO: 22
	23SB-3 (0-2 in)	7.65 D	
	23SB-4 (0-2 in)	1.02 D	
	23SB-7 (0-2 in)	5 D	
	23SB-7 (2'-4')	14.6 D	
	23SB-8 (0-2 in)	7.78 D	
	23SB-8 (1'-3')	2.6 D	
	23SB-9 (4'-6')	7.25 D	
	23SB-11 (4'-6')	1.47 D	
	23SB-13 (4'-6')	13.5 D	
Benzo(b)fluoranthene	23SB-2 (4'-6')	1.3 D	
	23SB-3 (0-2 in)	10.1 D	
	23SB-4 (0-2 in)	1.27 D	
	23SB-7 (0-2 in)	6.79 D	

	23SB-7 (2'-4')	17.7 D	UUSCO: 1 RRSCO: 1 PGWSCO: 1.7
	23SB-8 (0-2 in)	11 D	
	23SB-8 (1'-3')	3.12 D	
	23SB-9 (0-2')	1.2 D	

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Benzo(b)fluoranthene	23SB-2 (4'-6')	5.39 D	UUSCO: 1 RRSCO: 1 PGWSCO: 1.7
	23SB-3 (0-2 in)	1.74 D	
	23SB-4 (0-2 in)	15.3 D	
Benzo(k)fluoranthene	23SB-7 (2'-4')	3.57 D	UUSCO: 0.8 RRSCO: 3.9 PGWSCO: 1.7
	23SB-7 (0-2 in)	2.58 D	
	23SB-7 (2'-4')	6.53 D	
Benzo(k)fluoranthene	23SB-8 (0-2 in)	4.01 D	UUSCO: 0.8 RRSCO: 3.9 PGWSCO: 1.7
	23SB-8 (1'-3')	1.11 D	
	23SB-9 (4'-6')	5.74 D	
	23SB-13 (4'-6')	5.6 D	
Chrysene	23SB-1 (0-2')	1.02 D	UUSCO: 1 RRSCO: 3.9 PGWSCO: 1
	23SB-2 (4'-6')	1.26 D	
	23SB-3 (0-2 in)	7.63 D	
	23SB-7 (0-2 in)	6.59 D	
	23SB-7 (2'-4')	17.5 D	
	23SB-8 (0-2 in)	11.3 D	
	23SB-8 (1'-3')	3.08 D	
	23SB-9 (0-2')	1.29 D	
	23SB-9 (4'-6')	9.22 D	
	23SB-11 (4'-6')	2.01 D	
	23SB-13 (4'-6')	14.8 D	
Dibenzo(a,h)anthracene	23SB-3 (0-2 in)	1.58 D	UUSCO: 0.33
	23SB-7 (0-2 in)	1.01 D	

	23SB-7 (2'-4')	2.15 D	RRSCO: 0.33
	23SB-8 (0-2 in)	1.73 D	
	23SB-8 (1'-3')	0.411 D	
	23SB-9 (4'-6')	1.15 D	
	23SB-13 (4'-6')	2.15 D	
Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Indeno(1,23-cd)pyrene	23SB-2 (4'-6')	0.85 D	UUSCO: 0.5 RRSCO: 0.5
	23SB-3 (0-2 in)	6.68 D	
	23SB-4 (0-2 in)	0.798 D	
	23SB-7 (0-2 in)	4.65 D	
	23SB-7 (2'-4')	10.5 D	
	23SB-8 (0-2 in)	7.18 D	
	23SB-8 (1'-3')	2.34 D	
Indeno(1,23-cd)pyrene	23SB-9 (0-2')	0.694 D	UUSCO: 0.5 RRSCO: 0.5 PGWSCO: 8.2
	23SB-9 (4'-6')	3.92 D	
	23SB-11 (4'-6')	1.12 D	
	23SB-13 (4'-6')	9.36 D	

Pesticides

Four pesticides, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT and Dieldrin, were detected at concentrations slightly exceeding their respective UUSCOs but below their RRSCOs and PGWSCOs in up to six soil samples. No other pesticides were detected in the soil samples. The exceedances are as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
4,4'-DDD	23SB-3 (0-2 in)	0.0104 DP	UUSCO: 0.0033 RRSCO: 13 PGWSCO: 14

4,4'-DDE	23SB-8 (0-2 in)	0.00438 D	UUSCO: 0.0033 RRSCO: 8.9 PGWSCO: 17
Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
4,4'-DDT	23SB-3 (0-2 in)	0.0740 D	UUSCO: 0.0033 RRSCO: 7.9 PGWSCO: 136
	23SB-8 (0-2 in)	0.117 D	
	23SB-8 (1'-3')	0.0165 DP	
	23SB-13 (0-2')	0.00777 D	
	23SB-13 (4'-6')	0.0136 D	
Dieldrin	23SB-3 (0-2 in)	0.0248 D	UUSCO: 0.005 RRSCO: 0.2 PGWSCO: 0.25

Polychlorinated Biphenyls

One polychlorinated biphenyl (PCB), Aroclor 1260, was detected in three of the soil samples, which were slightly exceeding their respective UUSCO (0.1 ppm) but below its RRSCO (1 ppm). No other PCBs were detected in the soil samples. The exceedances are as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RRSCO (ppm) ()
Total PCBs	23SB-3 (0-2 in)	0.148	UUSCO: 0.1 RRSCO: 1
	23SB-8 (0-2 in)	0.131	
	23SB-8 (1'-3')	0.229	

Metals

One or more of up to nine metals, including arsenic, barium, cadmium, copper, lead, nickel, selenium, zinc, and mercury, were detected at concentrations exceeding their respective

UUSCOs in sixteen soil samples and one soil duplicate sample. Of these, seven (arsenic, barium, cadmium, copper, lead, mercury, and zinc) also exceeded their respective RRSCOs. Of the nine metals detected, eight (arsenic, barium, cadmium, copper, lead, selenium, mercury and zinc) also exceeded their respective PGWSCOs as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO
Arsenic	23SB-1 (4'-6')	20.1	UUSCO: 13 RRSCO: 16 PGWSCO: 16
	23SB-2 (4'-6')	17.3	
	23SB-3 (0-2 in)	40.1	
	23SB-6 (2'-4')	14.3	
	23SB-7 (0-2 in)	33.5	
	23SB-7 (4'-6')	17	
	23SB-8 (0-2 in)	41.9	
	23SB-13 (0-2')	13.9	
Barium	23SB-1 (0-2')	996	UUSCO: 350 RRSCO: 400 PGWSCO: 820
	23SB-3 (0-2 in)	646	
	23SB-8 (0-2 in)	465	
	23SB-9 (0-2')	1100	
	23SB-12 (0-2')	995	
	23SB-13 (0-2')	3390	
	23SB-14 (4'-6')	998	
Cadmium	23SB-3 (0-2 in)	15.4	UUSCO: 2.5 RRSCO: 4.3 PGWSCO: 7.5
	23SB-8 (0-2 in)	15.3	
	23SB-12 (0-2')	7.9	
Copper	23SB-1 (0-2')	51.9	UUSCO: 50 RRSCO: 270 PGWSCO: 1720
	23SB-1 (4'-6')	71.0	
	23SB-3 (0-2 in)	259	
	23SB-7 (0-2 in)	368	
	23SB-7 (2'-4')	61.6	

	23SB-8 (0-2 in)	258	
	23SB-9 (0-2')	288	
	23SB-9 (4'-6')	509	
	23SB-11 (4'-6')	226	
Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Cooper	23SB-12 (0-2')	882	UUSCO: 50 RRSCO: 270 PGWSCO: 1720
	23SB-13 (0-2')	2120	
	23SB-13 (4'-6')	452	
Lead	23SB-1 (0-2')	73.9	UUSCO: 63 RRSCO: 400 PGWSCO: 450
	23SB-1 (4'-6')	79.5	
	23SB-3 (0-2 in)	3200	
	23SB-4 (0-2 in)	144	
	23SB-4 (1'-3')	206	
	23SB-5 (0-2 in)	148	
	23SB-6 (0-2')	96.6	
	23SB-7 (0-2 in)	779	
	23SB-7 (2'-4')	89.4	
	23SB-8 (0-2 in)	3140	
	23SB-9 (0-2')	148	
	23SB-9 (4'-6')	174	
	23SB-11 (4'-6')	558	
	23SB-12 (0-2')	360	
	23SB-12 (6'-8')	67.6	
	23SB-13 (0-2')	670	
	23SB-13 (4'-6')	115	
Nickel	23SB-2 (0-2')	86.9	UUSCO: 30 RRSCO: 310
	23SB-2 (4'-6')	40.5	
	23SB-2 (6'-8')	79.9	

	23SB-3 (0-2 in)	89.3	
	23SB-3 (3'-5')	31.8	
	23SB-4 (1'-3')	41.6	

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Nickel	23SB-4 (4'-6')	34.7	UUSCO: 30 RRSCO: 310
	23SB-5 (4'-5')	35.9	
	23SB-7 (0-2 in)	38	
	23SB-8 (0-2 in)	96.1	
	23SB-8 (1'-3')	52.5	
	23SB-8 (3'-5')	55.1	
	23SB-12 (4'-6')	36.1	
	23SB-13 (6'-8')	37.4	
	23SB-14 (2'-4')	39.7	
	23SB-14 (4'-6')	31.6	
Selenium	23SB-4 (1'-3')	7.4	UUSCO: 3.9 RRSCO: 180 PGWSCO: 4
	23SB-5 (4'-5')	4.7	
	23SB-6 (0-2')	7.5	
	23SB-6 (2'-4')	12.2	
Selenium	23SB-9 (0-2')	6.4	UUSCO: 3.9 RRSCO: 180 PGWSCO: 4
	23SB-9 (6'-8')	6.7	
	23SB-10 (0-2')	4.5	
	23SB-11 (0-2')	4.2	
	23SB-11 (4'-6')	11.6	
	23SB-11 (6'-8')	4	
	23SB-12 (4'-6')	4.1	
	23SB-12 (6'-8')	4.7	
	23SB-13 (0-2')	8.9	

	23SB-13 (6'-8')	4.1	
	23SB-13 (DUP)	7.4	
	23SB-14 (2'-4')	4.4	
	23SB-14 (4'-6')	5.5	
Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Zinc	23SB-3 (0-2 in)	1,960	UUSCO: 109 RRSCO: 10,000 PGWSCO: 2480
	23SB-4 (1'-3')	137	
	23SB-5 (0-2 in)	148	
	23SB-6 (0-2')	167	
	23SB-7 (0-2 in)	824	
	23SB-7 (2-4')	116	
	23SB-8 (0-2 in)	1,870	
	23SB-12 (0-2')	149	
	23SB-13 (0-2')	140	
	23SB-13 (4'-6')	122	
Mercury	23SB-1 (0-2')	0.427	UUSCO: 0.18 RRSCO: 0.81 PGWSCO: 0.73
	23SB-3 (0-2 in)	0.794	
	23SB-3 (1'-3')	0.198	
	23SB-4 (0-2 in)	0.282	
	23SB-5 (0-2 in)	0.512	
	23SB-7 (0-2 in)	0.985	
	23SB-8 (0-2 in)	0.914	
	23SB-12 (6'-8')	0.244	
	23SB-13 (4'-6')	0.642	

Mercury Delineation Findings (RI)

All soil samples, except SB-17X (6'-8') were analyzed for mercury, put on hold for TCLP analysis and activated as necessary for analysis to delineate the hotspot. Sample SB-17X (6-8') was analyzed for total mercury and TCLP mercury. Thirty-six soil samples in total were analyzed for total mercury and a total of seven soil samples were analyzed for TCLP mercury. The remaining samples were not analyzed for TCLP mercury and were placed on hold.

Total mercury was detected at concentrations exceeding its respective UUSCO (0.18 ppm) in five soil samples. Total mercury was detected at concentrations exceeding its respective PGWSCO (0.73 ppm) and RRSCO (0.81 ppm) in nine soil samples (max. of 47.9 ppm in SB-17N2 (0-2'). Four soil samples collected from SB-17X (0-2'), SB-17S2 (4'-6'), SB-17N1 (0-2'), SB-17N1 (2'-4'), SB-17N2 (0-2') and SB-17N2 (4'-6') were activated as necessary for TCLP mercury. Of these, no samples exceeded the USEPA Hazardous Waste Limit for mercury. Exceedances of RRSCO are as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Mercury	SB-17N1 (0-2')	21.9	UUSCO: 0.18 RRSCO: 0.81 PGWSCO: 0.73
	SB-17N1 (2'-4')	2.3	
	SB-17N2 (0-2')	47.9	
	SB-17N2 (4'-6')	3.53	
Mercury	SB-17X (0-2')	5.03	UUSCO: 0.18 RRSCO: 0.81 PGWSCO: 0.73
	SB-17X (2'-4')	1.4	
	SB-17S1 (0-2')	0.975	
	SB-17S2 (0-2')	1.41	
	SB-17S2 (4'-6')	2.66	

Emerging Contaminants

The PFAS compound Perfluorooctanesulfonic acid (PFOS) was detected at concentrations exceeding its respective NYSDEC Remedial Soil Guidance UUSCO (0.88 ug/kg) in three soil samples: 3.86 ug/kg in 23SB-3 (0-2in), 1.35 ug/kg in 23SB-4 (4-6ft), and 1.07 ug/kg in 23SB-5 (2-4ft). PFAS compound Perfluorooctanoic acid (PFOA) was detected at a concentration exceeding its respective NYSDEC Remedial Soil Guidance UUSCO (0.66 ug/kg) in two soil samples: 1.00 ug/kg in 23SB-4 (4-6ft) and 1.56 ug/kg in 23SB-13 (0-2ft). No PFAS compounds were detected above their respective NYSDEC Remedial Soil Guidance for RRSCOs.

1,4-Dioxane (SVOC) was not detected in any of the soil samples.

5.4.2 Soil Chemistry (SRI)

A total of sixty-eight soil samples plus six soil duplicates (DUP) and a six sets of matrix spike/matrix spike duplicate (MS/MSD), were collected from 19 soil borings 24SB-1 through 24SB-16 and SB-24SV-2-N1, SB-24SV-2-E1 and SB-24SV-2-S1 during the SRI between March 19 through April 22, 2024. Soil samples from 24SB-1 through 24SB-11 were analyzed for TCL VOCs, TCL SVOCs, pesticides, PCBs, TAL metals including chromium, hexavalent and chromium trivalent, 1,4-dioxane, and 40 PFAS compounds, soil samples from 24SB-12 through 24SB-16 were analyzed for TCL VOCs, TCL SVOCs, TAL metals including chromium, hexavalent and chromium trivalent, and SB-24SV-2-N1, SB-24SV-2-E1 and SB-24SV-2-S1 were analyzed for TCL VOCs.

Soil results were compared to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use SCOs (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) if also identified in groundwater. Emerging contaminant results were compared to the guidance values as established in NYSDEC Guidance Document for Part 375 Remedial Programs. The qualifiers mentioned below are from the laboratory analytical reports and will be updated upon receipt of the DUSRs.

Volatile Organic Compounds

Two VOCs, 2-butanone and acetone, were detected above UUSCOs and PGWSCOs, slightly above their SCOs in 24SB-11 (0-2'). Acetone was detected above its UUSCO and PGWSCO in 24SB-14 (6-8') and 24SB-14 (12'-14'). Acetone and methylene chloride, both of which are common laboratory artifacts, were detected in several samples at low concentrations.

The chlorinated VOC, tetrachloroethylene, was detected in SB-DUP-5 (24SB-13 (0-2') slightly above its UUSCO and PGWSCO and in SB-24SV-2-E1 (10-12') at 16 ppm, above its UUSCO and PGWSCO, but below its RRSCO. No other VOCs were detected above UUSCOs. The noted exceedances are shown as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
2-Butanone	24SB-11 (0-2')	0.24	UUSCO: 0.12 RRSCO: 100 PGWSCO: 0.12
Acetone	24SB-11 (0-2')	0.36	
	24SB-14 (6-8')	0.063	UUSCO: 0.05 RRSCO: 100 PGWSCO: 0.05
	24SB-14 (12-14')	0.11	
Tetrachlorethylene	SB-DUP-5 (24SB-13 (0-2')	2.2	UUSCO: 1.3 RRSCO: 19 PGWSCO: 1.3
	SB-24SV-2-E1 (10-12')	16	

Semi-Volatile Organic Compounds

Seven SVOCs, including polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding their respective UUSCOs in nine samples within the northeast portion of the Site. The RRSCO for five of these SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) and two

PGWSCOs (benzo(a)anthracene and chrysene) are the same as the UUSCOs and therefore, also exceeded their respective RRSCOs and PGWSCOs as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Benzo(a)anthracene	24SB-7 (0'-2')	2.44 D	UUSCO: 1 RRSCO: 1 PGWSCO: 1
	24SB-7 (4'-6')	10.3 D	
	24SB-8 (0-2')	1.29 D	
	24SB-9 (0-2')	3.5 D	
	24SB-9 (4'-6')	2.26 D	
Benzo(a)anthracene	24SB-9 (12'-14')	1.29 D	UUSCO: 1 RRSCO: 1 PGWSCO: 1
	SB-DUP-5 (24SB-13 (0-2'))	6.29 D	
	24SB-14 (12'-14')	1.35 D	
	24SB-15 (0-2')	3.03 D	
Benzo(a)pyrene	24SB-7 (0'-2')	2.39 D	UUSCO: 1 RRSCO: 1 PGWSCO: 22
	24SB-7 (4'-6')	9.23 D	
	24SB-8 (0-2')	1.58 D	
	24SB-9 (0-2')	3.05 D	
	24SB-9 (4'-6')	2.26 D	
	24SB-9 (12'-14')	1.29 D	
	SB-DUP-5 (24SB-13 (0-2'))	5.52 D	
	24SB-14 (12'-14')	2.66 D	
	24SB-15 (0-2')	2.21	
Benzo(b)fluoranthene	24SB-7 (0'-2')	3.13 D	UUSCO: 1 RRSCO: 1 PGWSCO: 1.7
	24SB-7 (4'-6')	9.46 D	
	24SB-8 (0-2')	1.49 D	
	24SB-9 (0-2')	2.87 D	
	24SB-9 (4'-6')	1.98 D	
	24SB-9 (12'-14')	1.28 D	
	SB-DUP-5 (24SB-13 (0-2'))	6.59 D	
	24SB-14 (12'-14')	1.94 D	

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Benzo(b)fluoranthene	24SB-15 (0-2')	2 D	UUSCO: 1 RRSCO: 1 PGWSCO: 1.7
	24SB-7 (0'-2')	2.11 D	
	24SB-7 (4'-6')	7.24 D	
	24SB-8 (0-2')	1.05 D	
	24SB-9 (0-2')	2.32 D	
Benzo(k)fluoranthene	24SB-9 (4'-6')	1.52 D	UUSCO: 0.8 RRSCO: 3.9 PGWSCO: 1.7
	24SB-9 (12'-14')	0.96 D	
	SB-DUP-5 (24SB-13 (0-2'))	2.21 D	
	24SB-14 (6'-8')	1.68 D	
	24SB-15 (0-2')	1.81 D	
Chrysene	24SB-7 (0'-2')	2.45 D	UUSCO: 1 RRSCO: 3.9 PGWSCO: 1
	24SB-7 (4'-6')	10.4 D	
	24SB-8 (0-2')	1.22 D	
	24SB-9 (0-2')	3.08 D	
	24SB-9 (4'-6')	2.13 D	
	24SB-9 (12'-14')	1.19 D	
	SB-DUP-5 (24SB-13 (0-2'))	5.52 D	
	24SB-14 (6'-8')	1.59 D	
	24SB-15 (0-2')	2.65 D	
Dibenzo(a,h)anthracene	24SB-7 (0'-2')	1 D	UUSCO: 0.33 RRSCO: 0.33 PGWSCO: 1000
	24SB-7 (4'-6')	2.49 D	
	24SB-8 (0-2')	0.46 D	
	24SB-9 (0-2')	0.72 D	
	24SB-9 (4'-6')	0.45 D	
	SB-DUP-5 (24SB-13 (0-2'))	0.89 D	
	24SB-14 (6'-8')	0.63 D	
	24SB-15 (0-2')	0.54 D	

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Indeno(1,23-cd)pyrene	24SB-7 (0'-2')	2.47 D	UUSCO: 0.5 RRSCO: 0.5 PGWSCO: 8.2
	24SB-7 (4'-6')	7.95 D	
	24SB-8 (0-2')	1.47 D	
	24SB-9 (0-2')	1.96 D	
	24SB-9 (4'-6')	1.37 D	
	24SB-9 (12'-14')	0.75 D	
	SB-DUP-5 (24SB-13 (0-2'))	2.27 D	
	24SB-14 (6'-8')	1.5 D	
	24SB-15 (0-2')	1.32 D	

Pesticides

Three pesticides, 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT were detected at concentrations slightly exceeding their respective UUSCOs but below their RRSCOs in 24SB-8 (0-2') and 4,4'-DDT was detected at concentrations slightly exceeding its respective UUSCO but below its RRSCO in 24SB-9 (0-2') and 24SB-9 (4-6'). No other pesticides were detected in the soil samples. The exceedances are as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
4,4'-DDD	24SB-8 (0-2')	0.004 DP	UUSCO: 0.0033 RRSCO: 13 PGWSCO: 14
4,4'-DDE	24SB-8 (0-2')	0.006 D	UUSCO: 0.0033 RRSCO: 8.9 PGWSCO: 17
4,4'-DDT	24SB-8 (0-2')	0.054 D	UUSCO: 0.0033 RRSCO: 7.9 PGWSCO: 136
	24SB-9 (0-2')	0.071 D	
	24SB-9 (4-6')	0.004 D	

Polychlorinated Biphenyls

No PCBs were detected in any of the soil samples.

Metals

One or more of up to eight metals, including arsenic, copper, lead, nickel, selenium, zinc, mercury, hexavalent chromium, and trivalent chromium were detected at concentrations exceeding their respective UUSCOs in forty soil samples and five soil duplicate samples. Of these, two samples exceeded their respective RRSCOs (copper in SB-DUP-5 and lead in 24SB-15 (0-2')). One sample exceeded its PGWSCO for lead (SB-DUP-5). The following samples exceeding their SCOs are as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Copper	24SB-7 (0-2')	66.3	UUSCO: 50 RRSCO: 270 PGWSCO: 1720
	24SB-9 (0-2')	140	
	24SB-9 (12'-14')	109	
	SB-DUP-5 (24SB-13 (0-2'))	404	
	24SB-13 (12'-14')	140	
Lead	24SB-4 (8'-10')	115	UUSCO: 63 RRSCO: 400 PGWSCO: 450
	24SB-6 (0-2')	67.1	
	24SB-7 (0-2')	347	
	24SB-9 (0-2')	298	
	24SB-12 (0-2')	160	
	24SB-12 (4'-6')	114	
	SB-DUP-5 (24SB-13 (0-2'))	704	
	24SB-14 (0-2')	308	
	24SB-14 (12'-14')	88.5	
	24SB-15 (0-2')	404	
Nickel	24SB-1 (6'-8')	49.5	UUSCO: 30 RRSCO: 310
	24SB-1 (18'-20')	56.3	

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Nickel	24SB-2 (6'-8')	34.8	UUSCO: 30 RRSCO: 310 PGWSCO: 130
	24SB-2 (18'-20')	59.1	
	SB-DUP-4 (24SB-3(14-16))	32.4	
	24SB-4 (8'-10')	39.9	
	24SB-5 (6'-8')	37	
	24SB-6 (4'-6')	44.4	
	24SB-6 (6'-8')	58.6	
	24SB-6 (12-14')	47.7	
	24SB-8 (12'-14')	30.5	
	24SB-10 (17'-19')	30.5	
	24SB-11 (0-2')	41.9	
	SB-DUP-2 (24SB-11(4'-6'))	35.6	
	24SB-11 (6'-8')	31.1	
	24SB-11 (12'-14')	34.3	
	24SB-16 (6'-8')	30.2	
Selenium	24SB-7 (4'-6')	4.7	UUSCO: 3.9 RRSCO: 180 PGWSCO: 4
	24SB-7 (6'-8')	5.56	
Zinc	24SB-7 (0-2')	178	UUSCO: 109 RRSCO: 10,000 PGWSCO: 2480
	SB-DUP-5 (24SB-13 (0-2'))	383	
	24SB-14 (0-2')	197	
	24SB-15 (0-2')	288	
Mercury	24SB-7 (0-2')	0.524	UUSCO: 0.18 RRSCO: 0.81 PGWSCO: 0.73
	24SB-7 (4'-6')	0.31	
	24SB-9 (0-2')	0.207	

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Mercury	24SB-12 (0-2')	0.229	UUSCO: 0.18 RRSCO: 0.81 PGWSCO: 0.73
	24SB-12 (4'-6')	0.345	
	24SB-14 (12'-14')	0.31	
	24SB-14 (14'-16')	0.2	
	24SB-15 (0-2')	0.39	
Chromium, Hexavalent	24SB-2 (6'-8')	1.67	UUSCO: 1 RRSCO: 110 PGWSCO: 19
	24SB-2 (18'-20')	2.6	
	24SB-5 (6'-8')	1.63	
	24SB-6 (6'-8')	1.15	
	24SB-6 (12'-14')	1.2	
	24SB-9 (4'-6')	2.28	
	24SB-9 (6'-8')	1.14	
	SB-DUP-3 (24SB-9 (6'-8'))	1.48	
	24SB-10 (11'-13')	1.47	
	24SB-10 (17'-19')	1.51	
	24SB-11 (4'-6')	1.9	
	SB-DUP-2 (24SB-11 (4'-6'))	1.94	
	24SB-11 (6'-8')	1.67	
	24SB-11 (12'-14')	1.55	
	24SB-12 (12'-14')	1.21	
	24SB-13 (0-2')	1.13	
	SB-DUP-5 (24SB-13 (0-2'))	2.42	

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RR/PGW SCO (ppm)
Chromium, Hexavalent	24SB-13 (4'-6')	2.28	UUSCO: 1 RRSCO: 110 PGWSCO: 19
	24SB-13 (6'-8')	2.37	
	24SB-13 (12'-14')	2.79	
	24SB-13 (14'-16')	1.1	
	24SB-13 (18'-20')	1.35	
	24SB-13 (20'-22')	1.97	
	24SB-15 (4'-6')	1.68	
	24SB-15 (6'-8')	3.02	
	24SB-15 (12'-14')	2.39	
	24SB-16 (0-2')	2.16	
	24SB-16 (4'-6')	1.14	
	24SB-16 (6'-8')	1.49	
Chromium, Trivalent	24SB-5 (6'-8')	35	UUSCO: 30 RRSCO: 180 PGWSCO: ~
	24SB-13 (14'-16')	43.2	
	24SB-13 (16'-18')	43.8	
	24SB-13 (18'-20')	30.2	
	24SB-13 (20'-22')	31.9	
	24SB-16 (4'-6')	30.7	

Mercury Delineation Findings (SRI)

All soil samples were analyzed for mercury and were put on hold for TCLP analysis and activated as necessary for analysis to delineate the hotspot. Nine soil samples in total were analyzed for total mercury. All nine samples were not analyzed for TCLP mercury based on the initial analytical results for total mercury.

Total mercury was detected at concentrations exceeding its respective UUSCO (0.18 ppm) in three soil samples. Total mercury was detected at concentrations exceeding its respective RRSCO (0.81 ppm) and PGWSCO (0.73 ppm) in two soil samples (max. of 1.03 ppm in SB-17N3 (14'-16')). Exceedances of RRSCO are as follows:

Contaminant	Sample ID and Depth	Exceedance (ppm)	UU/RRSCO (ppm)
Mercury	SB-17N3 (12'-14')	0.61	UUSCO: 0.18 RRSCO: 0.81 PGWSCO: 0.73
	SB-17N3 (14'-16')	1.03	
	SB-17E3 (12'-14')	0.85	

Emerging Contaminants

The PFAS compound Perfluorooctanesulfonic acid (PFOS) was detected at a concentration exceeding its respective NYSDEC Remedial Soil Guidance UUSCO (0.88 ug/kg) in one soil sample: 1.9 ug/kg in 24SB-6 (0-2'). No other PFAS compounds were detected above their respective NYSDEC Remedial Soil Guidance for UUSCOs or for RRSCOs.

1,4-Dioxane (SVOC) was not detected in any of the soil samples.

Summary of Soil Analytical Results (RI & SRI)

- A total of 81 soil samples and four soil duplicate samples were collected and analyzed for full-suite analysis during the investigations. A total of 20 soil samples and two soil duplicate samples were collected and analyzed for TCL VOCs, TCL SVOCs and TAL Metals. A total of 9 soil samples were collected and analyzed for TCL VOCs.
- Two VOCs, 2-butanone and acetone, were detected above UUSCOs and PGWSCOs, slightly above their SCOs in 24SB-11 (0-2'). Acetone was detected above its UUSCO and PGWSCO in 24SB-14 (6-8') and 24SB-14 (12'-14'). Acetone and methylene chloride, both of which are common laboratory artifacts, were detected in several samples at low concentrations.

- The chlorinated VOC, tetrachloroethylene, was detected in SB-DUP-5 (24SB-13 (0-2') slightly above its UUSCO and PGWSCO and in SB-24SV-2-E1 (10-12') at 16 ppm, above its UUSCO and PGWSCO, but below its RRSCO.
- Seven SVOCs, including polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding their respective UUSCOs in 22 soil samples. The RRSCO for five of these SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) and two PGWSCOs (benzo(a)anthracene and chrysene) are the same as the UUSCOs and therefore, also exceeded their respective RRSCOs and PGWSCOs. The exceedances were identified in generally shallow depths (10 locations in the 0 to 4 foot interval, and 5 locations down to 6 feet), except for 24SB-9 and 24SB-14. SVOCs were identified down to 14 feet in 24SB-9 and 24SB-14 in the northeastern portion of the Site.
- Four pesticides, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and dieldrin were detected at concentrations slightly exceeding their respective UUSCOs but below their RRSCOs and PGWSCOs in six shallow (0-3') soil samples and two deeper samples 23SB-13 (4'-6') and 24SB-9 (4'-6').
- One PCB, Aroclor 1260, was detected in three shallow (0-3') soil samples exceeding its UUSCO but below its respective RRSCO.
- One or more of up to eleven metals, including arsenic, barium, cadmium, copper, lead, nickel, selenium, zinc, mercury, hexavalent chromium, and trivalent chromium, were detected at concentrations exceeding their respective UUSCOs in 80 soil samples and five soil duplicate samples. Of these, six metals, arsenic, barium, cadmium, copper, lead, and mercury also exceeded their respective RRSCOs in 13 soil samples. Of the nine metals detected, eight (arsenic, barium, cadmium, copper, lead, selenium, mercury and zinc) also exceeded their respective PGWSCOs in 25 soil samples.

- During the supplemental mercury delineation scope, 60 soil samples were collected, and of these, 44 samples were activated as necessary. Total mercury was identified at concentrations exceeding its respective UUSCO (0.18 ppm) in 17 soil samples. Total mercury was detected at concentrations exceeding its respective RRSCO (0.81 ppm) and PGWSCO (0.73 ppm) in 11 soil samples (max. of 47.9 ppm in SB-17N2 (0-2')). None of the soil samples exceeded the USEPA Hazardous Waste Limit for mercury. The extent of mercury hotspot was delineated vertically and horizontally towards the south, north, east, and west of the former drywell in the cellar. The highest concentrations were identified to the south of the former drywell.

- PFOS was detected at a concentration exceeding its respective UUSCO (0.88 ug/kg) in two shallow (0-2') soil samples 23SB-3 (0-2") and 24SB-6 (0-2'), and in two deeper soil samples 23SB-5 (2'-4') and 23SB-4 (4'-6'). PFOA was detected at a concentration exceeding its respective UUSCO (0.66 ug/kg) in one shallow soil sample 23SB-13 (0-2') and one deeper soil sample 23SB-4 (4'-6'). No other PFAS compounds were detected above their respective NYSDEC Remedial Soil Guidance for UUSCOs.

- 1,4-dioxane (SVOC) was not detected in any of the soil samples.

5.5 Groundwater Results (RI)

Figure 3 provides the monitoring well locations installed during the investigations. Figure 10 provides a summary of groundwater exceedances identified during the RI. A summary table of data for chemical analyses performed on groundwater samples are included in Tables 10 through 14. Laboratory analytical deliverables for groundwater samples evaluated in the RIR are provided in Appendix I.

A total of six groundwater samples, one duplicate groundwater sample and one set of MS/MSD samples were collected from six monitoring wells MW-1 through MW-6 during the RI between October 19 and October 23, 2023. All groundwater samples were analyzed for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBS by EPA Method 8082, and TAL metals (total and dissolved) via EPA

Method 6010, 40 per- and polyfluoroalkyl substances (PFAS) compounds via Modified EPA Method 1633, and 1,4-dioxane via 8270 SIM.

Groundwater results are compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards (AWQS) and the Guidance Values published in "Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs".

Volatile Organic Compounds

The VOC 1,1,1-trichloroethane was detected above its respective AWQS in two groundwater samples. The VOC chloroform was detected above its respective AWQS in all six groundwater samples. Chloroform was also detected in all three field blank samples but below its AWQS. The VOCs p-isopropyltoluene and tetrachloroethylene (PCE) were detected above their respective AWQS in three groundwater samples. The findings were as follows:

Contaminant	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
1,1,1-Trichloroethane	MW-1	5.9	5
	MW-4	5.9	
Chloroform	MW-1	13	7
	MW-2	46	
	MW-3	13	
	MW-4	20	
	MW-5	44	
	MW-6	11	
	MW-DUP-1 (MW-6)	50	
p-Isopropyltoluene	MW-1	41	5
	MW-3	370	
	MW-4	70	
Tetrachloroethylene (PCE)	MW-1	18	5
	MW-3	10	
	MW-4	22	

Semi-Volatile Organic Compounds

Six SVOCs, including PAHs, benzo(a)anthracene, benzo(a)pyrene, benoz(b)fluoranthene, benoz(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected above their respective AWQS in groundwater samples MW-1, MW-6 and MW-DUP-1 (MW-6) as follows:

Contaminant	Sample ID	Exceedance	AWQS (µg/L)
Benzo(a)anthracene	MW-1	0.06	0.002
	MW-6	0.25	
	MW-DUP-1	1.46	
Benzo(a)pyrene	MW-DUP-1	1.2	0.002
Contaminant	Sample ID	Exceedance	AWQS (µg/L)
Benzo(b)fluoranthene	MW-DUP-1	1.41	0.002
Benzo(k)fluoranthene	MW-DUP-1	0.674	0.002
Contaminant	Sample ID	Exceedance	AWQS (µg/L)
Chrysene	MW-1	0.05	0.002
	MW-6	0.55	
	MW-DUP-1	1.58	
Indeno(1,2,3-cd)pyrene	MW-DUP-1	0.632	0.002

Pesticides

Five pesticides (4,4'DDD, 4,4'-DDE, 4,4'-DDT, Heptachlor epoxide and Methoxychlor) were detected in up to four of the groundwater samples; however, all below their respective AWQS.

Polychlorinated Biphenyls

No PCBs were detected in the groundwater samples.

Total Metals

Three naturally occurring metals including copper, magnesium, nickel, and sodium, and two non-naturally occurring heavier metals including chromium and lead were detected at concentrations exceeding their respective AWQS in groundwater samples as follows:

Total Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Chromium	MW-1	61.7	50
	MW-2	108	
	MW-5	94.6	
Copper	MW-5	219	200
Lead	MW-1	38.4	25
	MW-2	47.7	
	MW-5	62.5	
	MW-6	106	
	MW-DUP-1	58.7	
Manganese	MW-1	866	300
	MW-2	630	
	MW-3	480	
	MW-4	358	
	MW-5	1,860	
	MW-6	1,310	
	MW-DUP-1	1,420	
Nickel	MW-5	128	100
Sodium	MW-1	35,800	20,000
	MW-2	31,400	
	MW-3	36,600	
	MW-4	33,600	

Dissolved Metals

Two naturally occurring metals including manganese and sodium, and three non-naturally occurring heavy metals including antimony, chromium and lead were detected at concentrations exceeding their respective AWQS in groundwater samples as follows:

Dissolved Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Antimony	MW-4	3.27	3
Chromium	MW-5	71.1	50
Lead	MW-6	34.5	25
Manganese	MW-5	438	300
	MW-6	1,670	
	MW-DUP-1	384	
Dissolved Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Sodium	MW-1	34,400	20,000
	MW-3	37,100	
	MW-4	33,600	
	MW-6	81,300	

Emerging Contaminants

Two PFAS compounds, Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA), were detected above the Part 375 Remedial Program Guidance Values (GV) for Water as follows:

PFAS	Sample ID	Exceedance (ng/L)	GV (ng/L)
PFOS	MW-1	11.6	10
	MW-4	14.2	
PFOA	MW-1	49.6	10
	MW-3	36.6	
	MW-4	55.6	
	MW-5	30.2	

1,4-dioxane was not detected in any of the groundwater samples.

Summary of Groundwater Analytical Results

- Four VOCs were detected above their respective AWQS in the groundwater samples. PCE was detected above its AWQS in three groundwater samples. VOCs were not detected in soil samples, and although they were detected in soil vapor samples, it is unlikely that the VOC and CVOC findings in groundwater correspond to the detections observed in the soil vapor samples at the Site. Therefore, the presence of VOCs and CVOCs compounds in groundwater is likely due to an off-site source.
- SVOCs, specifically PAHs, were detected above their respective AWQS in three samples (MW-1, MW-6, and MW-DUP-1 [from MW-6]) at two of the groundwater well locations (MW-1 and MW-6) collected from the western portion of the Site.
- Five pesticides were detected in up to four of the groundwater samples, but all below their AWQS.
- No PCBs were detected in any of the groundwater samples.
- Naturally occurring metals, including copper, magnesium, nickel, and sodium were detected in total and dissolved groundwater samples across the Site above their respective AWQS. It should be noted that naturally occurring metal contaminants in groundwater are not site-specific contaminants of concern and will not be addressed by a remedy.
- Non-naturally occurring metals including chromium, lead, and antimony were found in total and dissolved groundwater samples across the Site above their respective AWQS.
- Non-naturally occurring metals including chromium and lead, were found in groundwater samples in the western and southern portions of the Site. Antimony was identified in the well at the northeast portion of the Site.
- Two PFAS compounds, PFOS and PFOA, were detected above the regulatory limits in up to four groundwater samples. Due to the depth of groundwater, it is unlikely that PFAS findings in groundwater correspond to the limited detections observed in shallow soils of the Site. Therefore, the presence of PFAS compounds in groundwater is likely due to an off-site source.

5.6 Soil Vapor Results

5.6.1 Soil Vapor Results (RI)

Figure 4 provides the soil vapor and ambient air sampling locations. Figure 11 provides a summary of findings with detected concentrations. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 15. Laboratory data deliverables for all samples evaluated in the RIR are provided in Appendix J.

Soil Vapor

Total concentrations of petroleum-related VOCs (BTEX) ranged from 0.67 µg/m^3 in 23SV-8 to 57 µg/m^3 in 23SV-3 beneath the Site. Results further showed concentrations of chlorinated VOCs (CVOCs) in all soil vapor samples. The highest concentrations of CVOCs detected were of tetrachloroethylene at 23SV-3 (2,200 µg/m^3) and 23SV-4 (400 µg/m^3), both located in the northeastern portion of the Site.

- 1,1-Dichloroethane was detected in one soil vapor sample at 6.9 µg/m^3 in 23SV-12.
- 1,1,1-Trichloroethane was detected in nine of the air samples ranging from 4.1 µg/m^3 in 23SV-15 to 5,600 µg/m^3 in 23SV-12.
- Carbon tetrachloride (max. of 0.43 µg/m^3 in 23SV-7) was detected in six soil vapor samples.
- Methylene chloride was not detected in any of the soil vapor samples, but only the ambient outdoor air AO-1 sample.
- Tetrachloroethylene was detected in eleven soil vapor samples ranging from 1.6 µg/m^3 in 23SV-15 to 2,200 µg/m^3 in 23SV-3.
- Trichloroethylene was detected in seven soil vapor samples ranging from 0.33 µg/m^3 in 23SV-14 to 26 µg/m^3 in 23SV-9.
- Vinyl chloride and cis-1,2-dichloroethylene were not detected in any of the soil vapor samples.

- Acetone was detected over 1,000 µg/m^3 in three soil vapor samples (max. of 1,400 µg/m^3 in 23SV-3 and 23SV-5), in the northeastern portion of the Site and propylene was detected at 1,000 µg/m^3 in 23SV-1 within the northwest building.

Outdoor Air

The total concentration of petroleum-related VOCs (BTEX) in the background ambient air sample OA-1 was 11.6 ug/m^3. Results further showed detected concentrations of chlorinated VOCs (CVOCs) in the background ambient air sample OA-1. Tetrachloroethylene was detected at 0.52 µg/m^3 and methylene chloride was detected at 0.54 µg/m^3 in the outdoor ambient air sample. 1,1,1-Trichloroethane, carbon tetrachloride, trichloroethylene, and vinyl chloride were not detected in the outdoor ambient air sample.

5.6.2 Soil Vapor Results (SRI)

Figure 4 provides the soil vapor and ambient air sampling locations. Figure 11 provides a summary of findings with detected concentrations. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 15. Laboratory data deliverables for all samples evaluated in the SRI are provided in Appendix J.

Soil Vapor

Total concentrations of petroleum-related VOCs (BTEX) ranging from 2.0 µg/m^3 in 24SV-2S to 1,970 µg/m^3 in 24SV-2D beneath the Site and from 2.4 µg/m^3 in 24OSV-4 to 88.6 µg/m^3 in 24OSV-3 beneath the adjacent sidewalks.

Results further showed concentrations of chlorinated VOCs (CVOCs) in all soil vapor samples collected except for one off-site sample 24OSV-2. The highest concentrations of CVOCs detected were of tetrachloroethylene in 24SV-2 cluster located in the northeastern portion of the Site. Tetrachlorethylene was also detected in off-site soil vapor samples (max. of 200 µg/m^3 in 24OSV-3).

- 1,1-Dichloroethane was not detected in any of the soil vapor samples.
- 1,1,1-Trichloroethane
    - On-site: Detected in two samples within 24SV-2 cluster only ranging from 34 µg/m^3 in 24SV-2I to 38 µg/m^3 in 24SV-2D.

- Off-site: Detected in two of the off-site soil vapor samples ranging from 12 µg/m^3 in 24OSV-3 to 41 µg/m^3 in 24OSV-5.

- Carbon tetrachloride
  - On-site: Detected in five samples within 24SV-1 and 24SV-2 clusters ranging from 0.4 µg/m^3 in 24SV-1I, 24SV-1D, 24SV-2S, 24SV-X (duplicate of 24SV-2S) to 7 µg/m^3 in 24SV-2D.
  - Off-site: Detected in two soil vapor samples at 0.4 µg/m^3 in 24OSV-1 and 24OSV-4.

- Cis-1,2-Dichloroethylene
  - On-site: Detected in four soil vapor samples ranging from 0.9 µg/m^3 in 24SV-X (duplicate of 24SV-2S) to 530 µg/m^3 in 24SV-2D.
  - Off-site: Not detected in the off-site soil vapor samples.

- Methylene chloride
  - On-site: Detected in four soil vapor samples ranging from 2 µg/m^3 in 24SV-1I to 82 µg/m^3 in 24SV-3S.
  - Off-site: Detected in three off-site soil vapor samples ranging from 1.8 µg/m^3 in 24OSV-4 to 13 µg/m^3 in 24OSV-5.

- Tetrachloroethylene
  - On-site: was detected in eight soil vapor samples ranging from 1.2 µg/m^3 in 24SV-1I to 26,000 µg/m^3 in 24SV-2D.
  - Off-site: Detected in two off-site soil vapor samples ranging from 76 µg/m^3 in 24OSV-5 to 200 µg/m^3 in 24OSV-3.

- Trichloroethylene
  - On-site: Detected in three soil vapor samples within 24SV-2 cluster only ranging from 5.6 µg/m^3 in 24SV-X (duplicate of 24SV-2S) to 2,100 µg/m^3 in 24SV-2D.

- Off-site: Detected in two off-site soil vapor samples ranging from 1.4 µg/m^3 in 24OSV-3 to 4.1 µg/m^3 in 24OSV-5.

- Vinyl chloride
  - On-site: Detected in one soil vapor sample at 6.5 µg/m^3 in 24SV-2D.
  - Off-site: Not detected in the off-site soil vapor samples.

- Acetone
  - On-site: Detected in all ten soil vapor samples ranging from 17 µg/m^3 in 24SV-X (duplicate of 24SV-2S)to 1,000 µg/m^3 in 24SV-2D.
  - Off-site: Detected in all five samples ranging from 22 µg/m^3 in 24OSV-2 to 270 µg/m^3 in 24OSV-5.

- Propylene
  - On-site: Detected in nine soil vapor samples ranging from 2.3 µg/m^3 in 24SV-2S to 550 µg/m^3 in 24SV-3I.
  - Off-site: Detected in four off-site soil vapor samples ranging from 4.5 µg/m^3 in 24OSV-4 to 5,600 µg/m^3 in 24OSV-2.

Outdoor Air

The total concentration of petroleum-related VOCs (BTEX) in the background ambient air sample 24OA was 2.9 ug/m^3. Carbon Tetrachloride was detected at 0.4 µg/m^3 and methylene chloride was detected at 0.7 µg/m^3. 1,1,1-Trichloroethane, 1.1-Dichloroethane, cis-1,2-Dichloroethylene, tetrachloroethylene, trichloroethylene, and vinyl chloride were not detected in the outdoor ambient air sample.

Summary of Soil Vapor Analytical Results (RI & SRI)

Results showed low to high concentrations of petroleum-related VOCs and elevated concentrations of chlorinated VOCs (CVOCs) in soil vapor samples. BTEX was identified between 0.67 µg/m^3 in 23SV-8 to 1,970 µg/m^3 in 24SV-2D. The highest concentrations of CVOCs detected were 1,1,1-trichloroethane (5,600 µg/m^3) in 23SV-12 in the central

southwest portion of the Site, tetrachloroethylene (26,000 µg/m^3 and 23,000 µg/m^3) in 24SV-2D and 24SV-2I, and trichloroethylene (2,100 µg/m^3) in 24SV-2D, in the northeastern portion of the Site.

5.7 Data Usability Summary

New York Analytical Services Protocols (ASP) Category B laboratory reports for the soil groundwater and soil vapor for the RI were provided by York Analytical Laboratories and validated by Alpha Geoscience, a third-party data validator. Data qualifiers were updated following the completion of the DUSRs. The DUSRs are included in Appendix K for soil, Appendix L for groundwater and Appendix M for soil vapor.

The RI data was determined to be mostly usable.

Soil:

The data are mostly usable and acceptable. The following data were rejected:

- The "not detected" PFAS results for PFBA for 23SB-1 (0-2 ft), 23SB-1 (4-6 ft), 23SB-1 (6-8 ft), 23SB-10 (DUP), and FB-2, 23SB-2 (0-2 ft), 23SB-2 (4-6 ft), 23SB-2 (6-8 ft), 23SB-4 (0-2in), 23SB-4 (1-3 ft), 23SB-4 (4-6 ft), 23SB-5 (0-2 in), 23SB-5 (2-4 ft), 23SB-5 (4-6), 23SB-7 (0-2 in), 23SB-7 (2-4 ft), and 23SB-7 (4-6 ft), 23SB-13 (4-6 ft), 23SB-13 (6-8 ft), 23SB-13 (DUP), 23SB-12 (0-2 ft), 23SB-12 (4-6 ft), FB-1, 23SB-9 (0-2 ft), 23SB-9 (4-6 ft), 23SB-9 (6-8 ft), 23SB-11 (0-2 ft), 23SB-11 (4-6 ft), 23SB-11 (6-8 ft), 23SB-10 (0-2 ft), 23SB-10 (4-6), 23SB-10 (6-8 ft).
- The "not detected" PFAS results for PPFeA for samples 23SB-4 (1-3 ft) and 23SB-4 (4-6 ft).
- The "not detected" PFAS result for PFBA, N-MeFOSE, N-EtFOSE, and N-EtFOSA for samples 23SB-3 (0-2 in) and 23SB-8 (0-2 in).
- The "not detected" volatile results for 1,4-dioxane for all soil samples except sample 23SB-14 (0-2 ft).
- The "not detected" volatile results for 18 compounds for sample TB-2.
- The "not detected" volatile results for 8 compounds for sample 23SB-9 (0-2 ft).

- The “not detected” semi-volatile results for phenol for samples 23SB-1 (4-6 ft) and 23SB-1 (6-8 ft).
- The “not detected” semi-volatile result for caprolactam and pyridine for sample FB-2.
- The “not detected” semi-volatile result for 2,4-dinitrophenol for sample 23SB-9 (0-2 ft).
- The “not detected” SIM semi-volatile result for n-nitrosodimethylamine) for samples FB-1 and FB-2.
- The “not detected” PFAS results for PFPeA for samples 23SB-13 (6-8 ft), 23SB-4 (1-3 ft), 23SB-4 (4-6 ft), 23SB-9 (0-2 ft), 23SB-11 (0-2 ft), 23SB-11 (4-6 ft), 23SB-11 (6-8 ft), 23SB-10 (6-8 ft), and 23SB-2 (0-2 ft).
- The “not detected” PFAS results for PFMPA for sample FB-2.
- The “not detected” metal results for silver for 13 (0-2 ft), 23SB-13 (4-6 ft), 23SB-13 (6-8 ft), 23SB-12 (0-2 ft), 23SB-12 (4-6 ft, 23SB-12 (6-8 ft), FB-1, 23SB-9 (0-2 ft), 23SB-9 (4-6 ft), 23SB-9 (6-8 ft), 23SB-11 (0-2 ft), 23SB-11 (4-6 ft), 23SB-11 (6-8 ft), 23SB-10 (0-2 ft), 23SB-10 (4-6 ft), 23SB-10 (6-8 ft) and 23SB-10 (DUP)
- The “not detected” semi-volatile results for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol for samples 23SB-7 (0-2 in), 23SB-7 (2-4 ft), 23SB-7 (4-6 ft), 23SB-8 (0-2 in), and 23SB-8 (1-3 ft).
- The “not detected” semi-volatile results for 43 base/neutral compounds for sample 23SB-3 (0-2 in).
- The positive pesticide result for endosulfan sulfate for sample 23SB-8 (0-2 in).
- The positive pesticide result for 4,4’-DDT for sample 23SB-8 (1-3 ft).
- The positive pesticide result for endrin aldehyde for sample 23SB-3 (0-2 in).
- The “not detected” semi-volatile result for benzoic acid for sample 23SB-12 (6-8 ft).
- The “not detected” semi-volatile result for caprolactam and pyridine for sample FB-1.

- The "not detected" PFAS results for PFBA, N-MeFOSE, N-MeFOSA, N-EtFOSE, and N-EtFOSA for sample 23SB-13 (0-2 ft).

Groundwater:

The data are mostly usable and acceptable. The following data were rejected:

- The "not detected" semi-volatile results for pyridine for samples MW-3 and FB-1.
- The positive SIM semi-volatile results for n-nitrosodimethylamine and bis(2-ethylhexyl)phthalate FB-1.
- The "not detected" semi-volatile results for caprolactam and pyridine for samples MW-4, MW-1 and FB-2.
- The "not detected" semi-volatile results for 1,1-biphenyl, 3,3'-dichlorobenzidine, 3-nitroaniline, 4-nitrophenol, 4-chloro-3-methylphenol, caprolactam and pyridine for MW-6.
- The "not detected" semi-volatile for all compounds for MW-5.
- The "not detected" semi-volatile results for all compounds for MW-DUP-1.
- The positive SIM semi-volatile results for bis(2-ethyhlhexyl)phthalate for samples MW-6, MW-5, MW-4, and MW-1.
- The positive SIM semi-volatile results for fluorene for MW-6 and MW-DUP-1.
- The "not detected" SIM semi-volatile results for n-nitrosodimethylamine for MW-1, MW-4, MW-5, MW-6, and MW-DUP-1.
- The "not detected" SIM semi-volatile results for pentachlorophenol for samples MW-5, MW-4, MW-1, MW-DUP-1, and FB-2.
- The "not detected" PFAS results for PFMPA for MW-1, MW-4, MW-5, MW-6 and MW-DUP-1.
- The "not detected" PFAS results for PFBA for MW-5, MW-4 and MW-1.
- The "not detected" results for aroclor 1016 and aroclor 1260 for sample MW-6.

- The positive total metal results for aluminum and manganese for MW-1, MW-4, MW-5, MW-6 and MW-DUP-1.
- The “not detected” PFAS results for PFMPA for MW-2 and FB-3.
- The “not detected” PFAS results for PFBA and PFPeA for FB-3.
- The “not detected” volatile results for 1,4-dioxane for MW-2 and FB-3.
- The “not detected” semi-volatile results for caprolactam for MW-2 and FB-3.
- The positive SIM semi-volatile result for bis(2-ethylhexyl)phthalate for MW-2.
- The “not detected” SIM semi-volatile results for n-nitrosodimethylamine for MW-2 and FB-3.
- The positive total metal results for aluminum and manganese for MW-2.

Soil Vapor:

- The data was all usable and acceptable.

6.0 CONCEPTUAL SITE MODEL

Investigation results were compared to the following applicable standards and guidance values and four areas of concern were identified:

- NYSDEC Part 375 Unrestricted Use, Restricted Residential Use SCOs, and Protection of Groundwater SCOs
- NYSDEC TOGS 1.1.1 AWQS and NYSDEC Guidance Values

6.1 Site Contaminants

The following contaminants of concern were identified at the Site:

- PAH and Metal Impacts in Soil
- VOCs and CVOCs in Groundwater
- PAH and Metal Impacts in Groundwater
- CVOCs in Soil Vapor

6.1.1 PAH and Metal Impacts in Soil

Contaminants associated with urban fill from unknown sources were identified across the Site. A historic urban fill layer extending to approximately 5 feet below the majority of Site and down to approximately 13 feet in a limited area in the northeastern portion of the Site were identified. The fill material predominantly consists of limited brick and concrete mixed with silty sand. Based on the investigation results, these fill layers have detections of polycyclic aromatic hydrocarbons (PAHs) and metals. Seven SVOCs were detected at concentrations exceeding their respective UUSCOs in 22 soil samples. The RRSCO for five of these SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) and two PGWSCOs (benzo(a)anthracene and chrysene) are the same as the UUSCOs and therefore, also exceeded their respective RRSCOs and PGWSCOs. The exceedances were identified in generally shallow depths (10 locations in 0 to 4 feet interval, and 5 locations down to 6 feet), except for 24SB-9 and 24SB-14. SVOCs were identified down to 14 feet in 24SB-9 and 24SB-14 in the northeastern portion of the Site. Eleven metals were detected at concentrations exceeding their respective UUSCOs in 80 soil samples and five soil duplicate samples. Of these, six metals, arsenic, barium, cadmium, copper, lead, and mercury also

exceeded their respective RRSCOs in 13 soil samples. Of the nine metals detected, eight (arsenic, barium, cadmium, copper, lead, selenium, mercury and zinc) also exceeded their respective PGWSCOs in 25 soil samples.

The extent of mercury hotspot was delineated vertically and horizontally in the vicinity of the former drywell in the former cellar. Total mercury was detected at concentrations exceeding its respective RRSCO and PGWSCO in 11 soil samples. None of the soil samples exceeded the USEPA Hazardous Waste Limit for mercury. The highest concentrations were identified to the south of the former drywell. The mercury hotspot area was determined as 20 feet wide, 35 feet long and 6 feet below the former cellar slab.

6.1.2 PAH and Metal Impacts in Groundwater

SVOC (PAHs) and metal contamination are present in the groundwater beneath the Site. PAHs consisting of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected in the duplicate sample of MW-6 and benzo(a)anthracene and chrysene were detected in MW-1 above their respective AWQS. Elevated concentrations of PAHs above their RRSCOs and PGWSCOs were identified at generally shallow depths (down to 6 feet below grade) with two locations down to 14 feet below grade in the northeastern portion of the Site. Since PAHs were identified approximately 70 feet above the groundwater table and with the general inferred groundwater direction of northwest to southeast, their limited presence in groundwater within the western portion of the Site is likely due to an off-site source.

Three dissolved metals (antimony, chromium, and lead) were detected slightly exceeding their respective AWQS in three groundwater samples. The remaining dissolved metals, manganese, and sodium are consistent with regional groundwater conditions.

Elevated concentrations of lead in soil were limited to 6 feet below grade with a detection at 14 feet below grade (24SB-14) slightly above its UUSCO but significantly below its respective RRSCO and PGWSCO. Chromium hexavalent was detected extending to 20 feet below grade but significantly below its respective RRSCO and PGWSCO, approximately 65 feet above the groundwater table. Therefore, the presence of dissolved metals in groundwater is likely due to an off-site source.

Mercury was encountered within the southeastern portion of the Site during previous investigations and during Vektor's RI and SRI. The extent of mercury hotspot was delineated vertically and horizontally in the vicinity of the former drywell located in the former cellar. The highest concentrations were identified to the south of the former drywell above its RRSCO and PGWSCO, although mercury was not encountered in groundwater within the locale of the drywell (MW-5).

6.1.3 VOCs and CVOCs in Groundwater

The petroleum-related VOC p-isopropyltoluene was detected in all groundwater samples in the northern portion of the Site significantly above its AWQS of 5 ug/L (ranging from 41 ug/L in MW-1 to 370 ug/L in MW-3). The CVOC 1,1,1-trichloroethane was detected in the northern portion of the Site slightly above its AWQS of 5 ug/L (5.9 ug/L in MW-1 and MW-4). Chloroform was detected in all groundwater samples above its AWQS of 7 ug/L (ranging from 13 ug/L in MW-1 and MW-3 to 50 ug/L in MW-DUP-1). The CVOC tetrachloroethylene (PCE) was detected in three groundwater samples in the northern and central portions of the Site above its AWQS of 5 ug/L (ranging from 10 ug/L in MW-3 to 22 ug/L in MW-4). CVOCs were only detected in two soil samples in the northeastern portion of the Site (ranging from 2.2 ppm at 2 feet below grade in SB-DUP-5 and 16 ppm at 12 feet below grade in SB-24SV-2-E1); however, these VOCs and CVOCs were detected in soil vapor samples, specifically in the northeast portion of the Site. CVOC detections in soil samples were limited and only identified in shallower soils and were not detected in any of the soil samples below 12 feet bgs. Based on the interpreted groundwater flow of northwest to southeast across the Site, the presence of VOCs and CVOCs in groundwater is likely attributed to an off-site source, but a source for CVOCs existing in the northeast portion of the Site cannot be ruled out although no on-site source was identified during the investigations.

6.1.4 CVOCs in Soil Vapor

Low to high concentrations of petroleum-related VOCs and high concentrations of chlorinated VOCs (CVOCs) were identified in soil vapor samples. The highest concentrations of CVOCs detected were 1,1,1-trichloroethane (5,600 µg/m^3) in 23SV-12 in

the central southwest portion of the Site, tetrachloroethylene (23,000 µg/m^3 and 26,000 µg/m^3) in 24SV-2I and 24SV-2D, and trichloroethylene (2,100 µg/m^3) in 24SV-2D, in the northeastern portion of the Site. Vektor installed delineation borings around the soil vapor point 24SV-2X in the northeastern portion of the Site, where the highest PCE concentrations were detected during the RI and SRI. PCE was only detected in one soil sample above its UUSCO and PGWSCO (16 ppm at 12 feet below grade in SB-24SV-2-E1). Trace detections of PCE were identified in the remainder of the delineation samples (ranging from 8'-10', 10'-12', and 12'-14'), significantly below its UUSCO and PGWSCO. CVOC detections were limited and only identified in shallower soils and were not detected in any of the soil samples below 12 feet bgs.

CVOCs were only detected in groundwater samples in the northern/northeastern portion of the Site. Since PCE was only detected in two soil samples in the northeastern portion of the Site above its UUSCO and PGWSCO but significantly below its RRSCO (ranging from 2.2 ppm at 2 feet below grade in SB-DUP-5 and 16 ppm at 12 feet below grade in SB-24SV-2-E1), their presence in soil vapor could be attributed to groundwater conditions. CVOC detections in soil samples were limited and only identified in shallower soils and were not detected in any of the soil samples below 12 feet bgs. PCE was identified in two off-site soil vapor samples at concentrations lower than the on-site concentrations.

Soil vapor samples from both the RI and SRI received qualifiers from the laboratory noting "diluted" ("D") within the results. Based on the narrative provided by the laboratory, soil vapor samples are slightly diluted (i.e. pressurized) (to a dilution factor within single digits) to retrieve the field samples from their cannisters for laboratory analysis. In some cases, samples require further dilution due to high levels of non-target compounds or target compounds over the laboratory equipment calibration range. If compounds detected with the laboratory's baseline dilution (a dilution factor within double-digits) are within equipment calibration range, results are reported from that analytical run. If the samples are observed to be relatively "clean" without many detections, the sample is rerun with the baseline dilution (dilution factor within single digits) and compounds are reported from that analytical run. If detected compounds in the diluted run are still above the laboratory equipment calibration range, further dilution is needed.

7.0 QUALITATIVE EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. Human health exposure risk was evaluated in accordance with Appendix 3B NYSDOH Qualitative Human Health Exposure Assessment and Section 3.3(c)4 of the NYSDEC DER-10. The five elements of an exposure pathway are the (1) source of contamination; (2) environmental media and transport mechanisms; (3) point of exposure; (4) route of exposure; (5) receptor population based on past, present or future events. The potentially exposed receptors and how any unacceptable exposures may be eliminated are determined from an assessment of the primary use of the area, actual and potential use of ground and surface waters that are impacted or threatened, and how any potential routes of exposure may be eliminated.

7.1 Contaminant Sources

Based on the results of the RI and SRI, on-site contaminants to be evaluated for human health exposure risk include contaminants of concern at the Site include PAHs and metals in soil and chlorinated solvents in soil vapor.

The PAHs and metals detections in soil samples are generally consistent with historic fill material observed throughout NYC, although likely attributed to historic uses at the Site.

The soil vapor in the central and northeastern portions of the Site are impacted with chlorinated solvents, specifically 1,1,1-trichloroethane and tetrachloroethylene. Elevated CVOCs concentrations were detected in groundwater samples in the northern portion of the Site as well. However, CVOCs were only detected in two soil samples in the northeastern portion of the Site (ranging from 2.2 ppm at 2 feet below grade in SB-DUP-5 and 16 ppm at 12 feet below grade in SB-24SV-2-E1). Based on the interpreted groundwater flow of northwest to southeast across the Site, the presence of VOCs and CVOCs in groundwater is likely attributed to an off-site source, but a source for CVOCs existing in the northeast portion of the Site cannot be ruled out although no on-site source was identified during the investigations.

Although elevated PAHs and metals were detected in shallow soil samples extending to 5 to 6 feet site-wide, with two locations down to 14 feet in the northeastern portion of the Site and limited presence of metals at deeper intervals extending to 20 feet, their presence in groundwater is likely due to an off-site source in conjunction with deep groundwater elevations.

7.2 Current Conditions

The Site is located in a densely developed part of Brooklyn, New York. The Site is currently undeveloped. The ground surfaces are currently covered by the former concrete building slabs and demolition debris. Therefore, human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is limited and unlikely.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.

As the Site is covered with the former buildings' concrete slabs and demolition debris, a potential exposure pathway for soil vapor is unlikely.

7.3 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, and/or soil;
- Inhalation of vapors and/or particulates; and
- Dermal contact with water, fill, soil, and/or building materials.

7.4 Potential Sensitive Receptors

On-Site Receptors: The site is currently vacant and capped with the former building's concrete slab. Limited demolition debris is currently atop the concrete slabs on grade and open areas at the Site. The Site is secured with a locked construction fence. Onsite receptors are limited to workers, trespassers, site representatives and visitors granted access to the property. Under proposed future conditions, potential on-site receptors include workers, residents, and visitors.

Off-Site Receptors: Potential off-site receptors within a 500-foot radius of the Site include adult and child residents; commercial and construction workers; pedestrians; and trespassers based on the following land uses within 500 feet of the Site:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future
3. Building Construction/ Renovation – existing and future
4. Pedestrians, Trespassers, Cyclists – existing and future
5. Schools – existing and future

Community Air Monitoring Program (CAMP) will be implemented at the Site during intrusive activities to monitor air quality the public.

7.5 Potential Exposure Pathways

On-Site: The site is currently capped with the former buildings concrete slabs and demolition debris. Human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is unlikely due to the current site cover.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.
As the site is capped with former building's concrete slabs and demolition debris, potential exposure pathway for soil vapor is unlikely. Once construction activities begin, a potential exposure pathway may exist for construction workers and inspectors to come into direct contact with soil. Any future site remediation activities would be conducted under a HASP, which would control and limit human exposure to on-site contaminants.

Off-Site: There is an existing potential exposure pathway from soil gas emanating from on-site CVOCs entering neighboring properties as a result of any floor or wall openings/cracks, although off-site soil vapor concentrations were identified to be lower than the on-site concentrations. Although it is unlikely, the indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to CVOCs in the area. The potential receptors from such a migration pathway into the building would be to: off-site construction and commercial workers, adult and child residents, and visitors. The primary route of exposure would be inhalation.

During the redevelopment (excavation activities), the potential exists for off-site vapor intrusion risk to off-site receptors. In the absence of a CAMP and HASP, during ground intrusive activities, off-site receptors could be exposed to particulates and vapors. The implementation of a CAMP and HASP during intrusive work will monitor and limit off-site receptor's exposure to particulates and vapors.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.

Once the redevelopment is completed, it is unlikely for a new foundation with the addition of a vapor barrier engineering control that would allow for vapor migration into the building. Based on the findings, the evaluation during the remedy will include a provision for implementing actions recommended to address exposures related to soil vapor intrusion.

7.6 Exposure Assessment Conclusions and Recommendations

Based upon this analysis, exposure to contaminants in soil and groundwater is not expected under current conditions as the site is capped with a concrete slab, and groundwater in this area of New York City is not used as a potable water source. There is an existing potential exposure pathway from soil gas emanating from CVOCs entering neighboring properties as a result of any possible floor or wall openings/cracks, although off-site soil vapor concentrations were identified to be lower than the on-site concentrations. Although it is unlikely, the indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to CVOCs in the area. Once remediation/construction activities start, any potential exposure pathway will monitored and controlled by implementation of a CAMP and HASP.

During redevelopment (excavation activities), the potential exists for off-site vapor intrusion risk to off-site receptors through inhalation. In the absence of a CAMP and HASP, during ground intrusive activities, off-site receptors could be exposed to particulates and vapors. Monitoring and control measures have been and will continue to be used during any investigation and any future planned remediation to prevent completion of this pathway. Under future conditions, the Site will be remediated, and engineering and

institutional controls will be implemented, if necessary, to prevent completion of this pathway.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the RI and SRI, the following conclusions were made:

- The stratigraphy of the Site, from the surface down, consists of a historic urban fill layer extending to approximately 5 feet below the majority of Site and down to approximately 13 feet in a limited area in the northeastern portion of the Site were identified. The fill material predominantly consists of limited brick and concrete mixed with silty sand. The stratigraphy below the fill layer mainly consists of silty sand with some clay.
- The topography of the Site slopes from approximately 90 feet in the eastern portion to 99 feet in the northwestern portion (in reference to North American Vertical Datum 1988, which is 1.46 feet below the Brooklyn Highway Datum). The average depth to groundwater was determined as 85.7 feet bgs or el. 12.2 (NAVD88), and groundwater elevations ranged from el. 9.63 feet (NAVD88) in MW-2 to el. 21.23 feet (NAVD88) in MW-5 during the RI and from el. 11.82 feet North American Vertical Datum 1988 (NAVD88) in MW-7 to el. 17.87 feet (NAVD88) in MW-9 during the SRI. Groundwater beneath the Site generally flows from northwest to southeast.
- Geophysical surveys did not identify any areas of concern indicative of anomalies consistent with USTs.
- Two VOCs, acetone and 2-Butanone, both of which are common laboratory artifacts, were detected above Unrestricted Use SCOs (UUSCOs) and Protection of Groundwater SCOs (PGWSCOs), slightly above their SCOs in three samples. The remainder of detections were in several samples at low concentrations. No other VOC detections exceeded SCOs.
    - PCE, a chlorinated VOC (CVOC), was detected in two samples above its UUSCO and PGWSCO but significantly below its Restricted Residential SCOs (RRSCO). No other PCE detections exceeded its SCO.
- Concentrations of SVOCs, consisting of PAHs, exceeding RRSCOs and PGWSCOs are present in the soils beneath the Site, which extends approximately 6 feet bgs except

for the central portion (24SB-9) and northeastern portion (24SB-14), which were identified down to 14 feet bgs).

- Concentrations of metals exceeding RRSCOs and PGWSCOs are present in the soils beneath the Site, which extends approximately 6 feet bgs with a limited presence of metals at deeper intervals extending to 20 feet slightly above their UUSCOs, but significantly below their RRSCOs and PGWSCOs.
    - Elevated concentrations of total mercury are present in soils in the southeast portion of the Site (Hotspot SB-17/SB-17X); however, no hazardous mercury was identified. The extent of mercury hotspot was delineated vertically and horizontally in the vicinity of the former drywell located in the former cellar. The highest concentrations were identified to the south of the former drywell and the mercury hotspot area was determined as 20 feet wide, 35 feet long and 6 feet below the former cellar slab.
- Chlorinated VOCs (CVOCs) are present in the groundwater beneath the Site. 1,1,1-Trichloroethane and tetrachloroethylene (PCE) were detected in groundwater in the northern portion of the Site. PCE was only detected in two soil samples in the northeastern portion of the Site above its UUSCO and PGWSCO but significantly below its RRSCO at 0-2' and 10'-12' below grade. It was also detected at high concentrations in soil vapor samples as described below, and their presence in groundwater could be associated with an on-site source in the north-northeastern portion of the Site.
- Elevated concentrations of petroleum-related VOCs and chlorinated VOCs (CVOCs) are present in soil vapor samples. The highest concentrations of CVOCs detected were 1,1,1-trichloroethane in the central southwest portion of the Site, PCE and TCE in the northeastern portion of the Site. PCE was identified in two off-site soil vapor samples at concentrations lower than the on-site concentrations. Although PCE was only identified in two soil samples in the northeastern portion of the Site, their presence could be associated with an on-site source.
- SVOCs, consisting of PAHs, contamination is present in the groundwater in the north-northwestern and southern portions of the Site. Metal contamination is

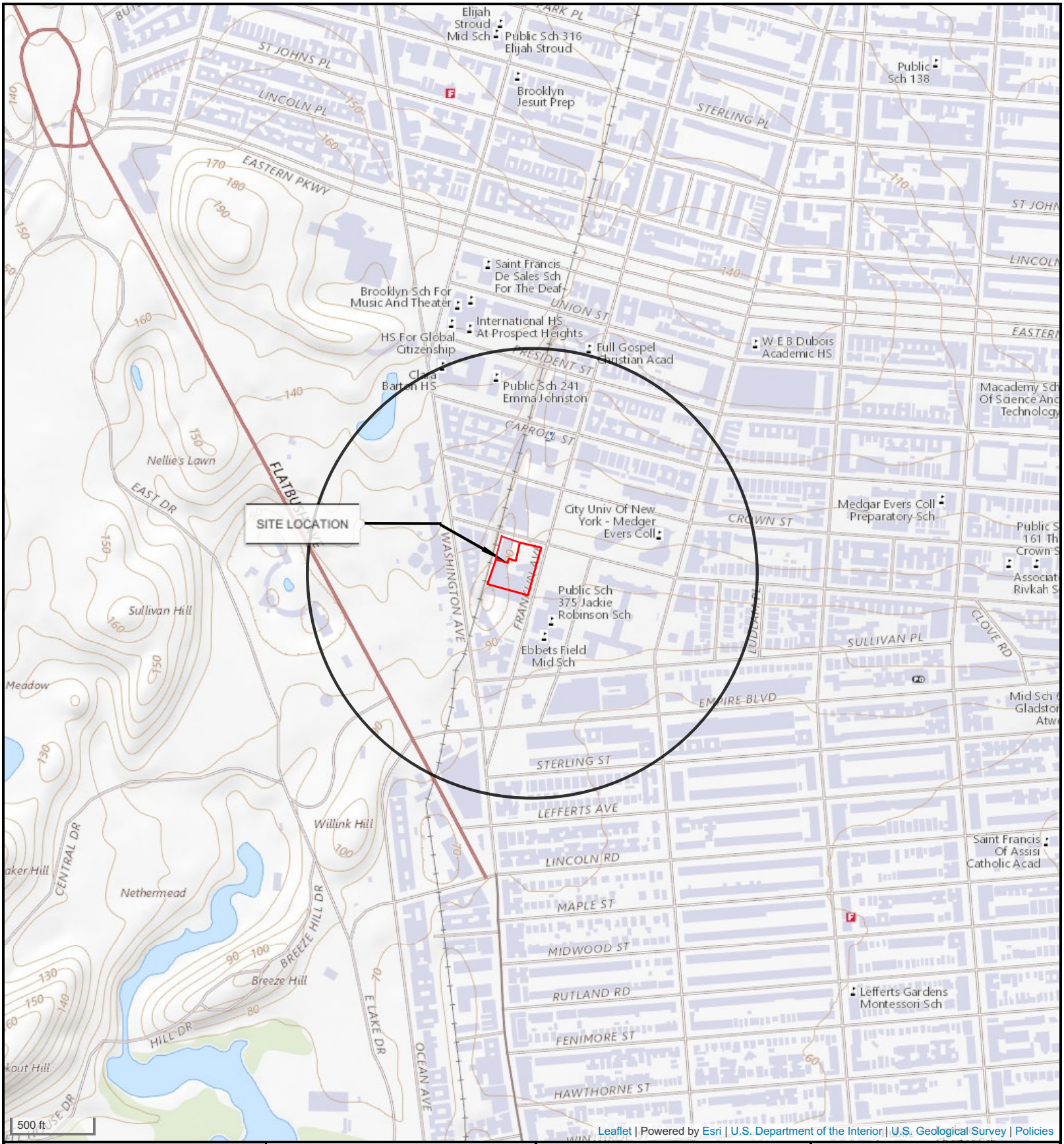
present in the groundwater beneath the Site. Total and dissolved metals were detected in all groundwater samples across the Site. However, of these, dissolved antimony was detected in one sample in the northern portion, dissolved chromium was detected in one sample in the southeastern portion, and dissolved lead was identified in one sample in the southern portion. The remaining dissolved metals, manganese and sodium, are consistent with regional groundwater conditions. Although elevated concentrations of metals were identified in soil samples, they were limited to depths extending to 6 feet, with limited low metal concentrations observed down to 20 feet in multiple borings. Therefore, the presence of dissolved metals in groundwater can be attributed to an off-site source(s).

Based on the results of the RI and SRI, remedial action will be necessary. Applicable strategies and technologies may include, but are not limited to, source removal in accordance with all applicable laws and regulations, and installation of engineering controls.

9.0 REFERENCES

- NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. New York: issued May 3, 2010, effective June 18, 2010.
- NYSDEC. 6 NYCRR Part 375 Environmental Remediation Programs, Environmental Remediation Programs, Subparts 375-1 to 375- 4 & 375-6. New York: Author, December 2006.
- Phase I and Phase II Environmental Site Assessment Report by The Elm Group Inc., dated March 2017
- Phase I Environmental Site Assessment Report by ALC Environmental dated August 2017
- Supplemental Phase II Environmental Site Assessment Report by Brussee Environmental Corp. dated August 2022
- NYSDEC, October 22, 1993, Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
- NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates.
- United States Environmental Protection Agency (USEPA), Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, September 19, 2017.

FIGURES





Latitude: 40.66579
Longitude: -73.95989

N
W E
S

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Consumer Park Brewery Site
BCP# C224381

Figure 1
Site Location Map
Remedial Investigation Report
960 Franklin Avenue Brooklyn, New York



N
W E
S

Legend

Site Property Boundary

Notes:
1. Property consists of three tax parcels
2. LOT XX: Lot Number

Latitude: 40.66602, Longitude: -73.96040

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FIGURE 2
SITE BOUNDARY MAP

Site Name:	Consumer Park Brewery Site
BCP#:	C224381
Site Address:	960 Franklin Avenue
	Brooklyn, New York



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Legend:

- Site Boundary
- 23SB-X — Soil Boring Location and Designated ID from 2023 RI
- 24SB-X — Soil Boring Location and Designated ID from 2024 SRI
- MW-X — Groundwater Monitoring Well Location and Designated ID from 2023 RI
- MW-X — Groundwater Monitoring Well Location and Designated ID from 2024 SRI
- Approximate Location of Dry Well in Former Basement

Notes:

1. All feature locations are approximate
2. Base map is provided by Brussee Environmental Corp

Scale: 0 25 50

Figure No.	3
Figure Name:	Soil and Groundwater Sampling Plan
Report:	RIR
Date:	04/29/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



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Legend:

- Site Boundary
- 23SV-X — Soil Vapor Location and Designated ID from 2023 RI
- 24SV-1X — Soil Vapor Location and Designated ID (S - 5' below grade) from 2024 SRI (I - 8' below grade) (D - 12' below grade)
- 24OSV-X — Off-site Soil Vapor Location and Designated ID (12' below grade) from 2024 SRI
- Approximate Location of Dry Well in Former Basement

Notes:

1. All locations are approximate
2. Base map is provided by Brussee Environmental Corp

Scale: 0 — 50 — 100

Figure No.	4
Figure Name:	Soil Vapor Sampling Plan
Report:	RIR
Date:	4/12/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



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Legend:

- Site Boundary
- 23SB-X — Soil Boring Location and Designated ID from 2023 RI
- 24SB-X — Soil Boring Location and Designated ID from 2024 SRI
- MW-X — Groundwater Monitoring Well Location and Designated ID from 2023 RI
- MW-X — Groundwater Monitoring Well Location and Designated ID from 2024 SRI
- 23SV-X — Soil Vapor Location and Designated ID from 2023 RI
- 24SV-1X — Soil Vapor Location and Designated ID (S - 5' below grade) from 2024 SRI
  (I - 8' below grade)
  (D - 12' below grade)
- 24OSV-X — Off-site Soil Vapor Location and Designated ID (12' below grade) from 2024 SRI
- Approximate Location of Dry Well in Former Basement

Notes:

1. All feature locations are approximate
2. Base map is provided by Brussee Environmental Corp

Scale: 0 25 50

Figure No.	5
Figure Name:	Site Sampling Plan (RI & SRI)
Report:	RIR
Date:	04/29/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



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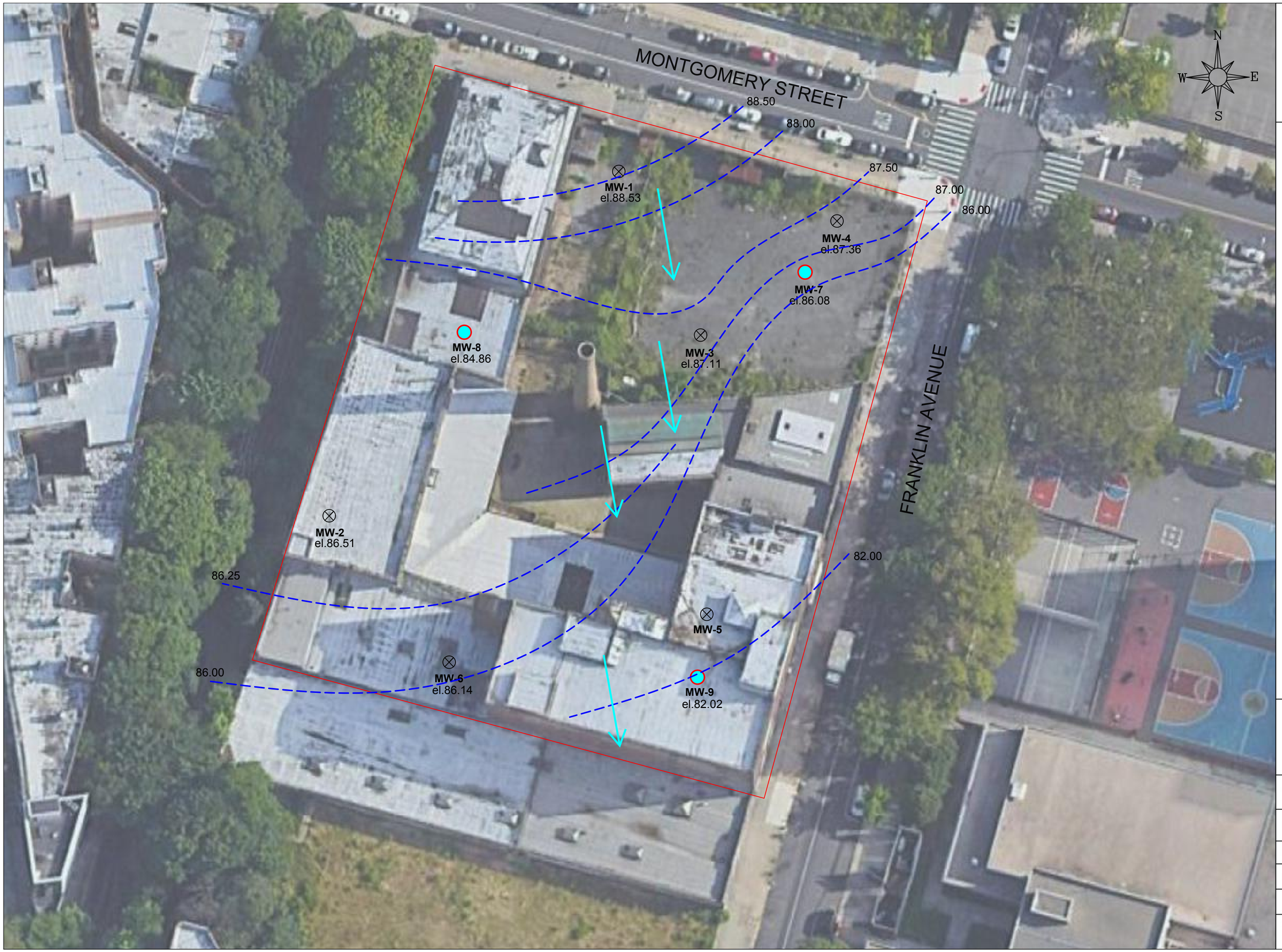
Legend:

- Site Boundary
- SB-X/BEC-X — Prior Soil Boring Location and Designated ID
- SB-17XX — Mercury Delineation Soil Boring Location and Designated ID from 2023 RI
- **SB-17XX** — Mercury Delineation Soil Boring Location and Designated ID from 2024 SRI
- Approximate Location of Dry Well in Former Basement

Notes:
1. All locations are approximate
2. Base map is provided by Brussee Environmental Corp

Scale: 0 — 50 — 100

Figure No.	6
Figure Name:	Mercury Delineation Sampling Map
Report:	RIR
Date:	4/29/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



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Legend:

- Site Boundary
- MW-X — Monitoring Well Location and Designated ID (2023 RI)
- MW-X — Monitoring Well Location and Designated ID (2024 SRI)
- 82.02 — Groundwater Elevation (feet)
- Groundwater Elevation Contour Line (feet)
- General Flow Direction

Scale: 0 50' 100'

Figure No.	7
Figure Name:	Groundwater Contour Map
Report:	Remedial Investigation Report
Date:	4/29/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW
VOCs	ppm	ppm	ppm
2-Butanone	0.12	100	0.12
Acetone	0.05	100	0.05
Tetrachlorethylene	1.3	19	1.3
SVOCs	ppm	ppm	ppm
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	1	22
Benzo(b)fluoranthene	1	1	1.7
Benzo(k)fluoranthene	0.8	3.9	1.7
Chrysene	1	3.9	1
Dibenzo(a,h)anthracene	0.33	0.33	1000
Indeno(1,2,3-cd)pyrene	0.5	0.5	8.2

Sample ID	24SB-8 (0-2')
Sampling Date	3.20.2024
Client Matrix	Soil
Compound	Result / Q
SVOA, 8270 MASTER	ppm
Benzo(a)anthracene	**1.29** D
Benzo(a)pyrene	**1.58** D
Benzo(b)fluoranthene	**1.49** D
Benzo(k)fluoranthene	**1.05** D
Chrysene	**1.22** D
Dibenzo(a,h)anthracene	**0.46** D
Indeno(1,2,3-cd)pyrene	**1.47** D

Sample ID	24SB-14 (6'-8')		24SB-14 (12'-14')	
Sampling Date	4.22.2024		4.22.2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
VOCs	ppm		ppm	
Acetone	**0.063**		**0.11**	
SVOCs	ppm		ppm	
Benzo(a)anthracene	0.05	U	**1.35**	D
Benzo(a)pyrene	0.05	U	**2.66**	D
Benzo(b)fluoranthene	0.05	U	**1.94**	D
Benzo(k)fluoranthene	0.05	U	**1.68**	D
Chrysene	0.05	U	**1.59**	D
Dibenzo(a,h)anthracene	0.05	U	**0.63**	D
Indeno(1,2,3-cd)pyrene	0.05	U	**1.5**	D

Sample ID	SB-DUP-5
Sampling Date	4.22.2024
Client Matrix	Soil
Compound	Result / Q
VOCs	ppm
Tetrachloroethylene	**2.2** D
SVOCs	ppm
Benzo(a)anthracene	**6.29** D
Benzo(a)pyrene	**5.52** D
Benzo(b)fluoranthene	**6.59** D
Benzo(k)fluoranthene	**2.21** D
Chrysene	**5.52** D
Dibenzo(a,h)anthracene	**0.89** D
Indeno(1,2,3-cd)pyrene	**2.27** D

Sample ID	23SB-4 (0-2")
Sampling Date	9.1.2023
Sample Matrix	Soil
Compound	Result / Q
SVOCs	ppm
Benzo(a)pyrene	**1.02** D
Benzo(b)fluoranthene	**1.27** D
Dibenzo(a,h)anthracene	**0.33** U
Indeno(1,2,3-cd)pyrene	**0.8** D

Sample ID	23SB-5 (0-2")
Sampling Date	9.1.2023
Sample Matrix	Soil
Compound	Result / Q
SVOCs	ppm
Benzo(a)anthracene	**1.04** D

Sample ID	23SB-3 (0-2")
Sampling Date	9.28.2023
Sample Matrix	Soil
Compound	Result / Q
SVOCs	ppm
Benzo(a)anthracene	**8.65** D
Benzo(a)pyrene	**7.69** D
Benzo(b)fluoranthene	**10.1** D
Benzo(k)fluoranthene	**3.57** D
Chrysene	**7.63** D
Dibenzo(a,h)anthracene	**1.58** D
Indeno(1,2,3-cd)pyrene	**6.68** D

Sample ID	23SB-1 (0-2')
Sampling Date	10.11.2023
Sample Matrix	Soil
Compound	Result / Q
SVOCs	ppm
Chrysene	**1.02** D

Sample ID	23SB-2 (4'-6')
Sampling Date	10.11.2023
Sample Matrix	Soil
Compound	Result / Q
SVOCs	ppm
Benzo(a)anthracene	**1.29** D
Benzo(a)pyrene	**1.12** D
Benzo(b)fluoranthene	**1.3** D
Chrysene	**1.26** D
Indeno(1,2,3-cd)pyrene	**0.85** D

Sample ID	24SB-11 (0-2')
Sampling Date	3.20.2024
Client Matrix	Soil
Compound	Result / Q
VOCs	ppm
2-Butanone	**0.24**
Acetone	**0.36**

Sample ID	24SB-15 (0-2')
Sampling Date	4.22.2024
Client Matrix	Soil
Compound	Result / Q
SVOCs	ppm
Benzo(a)anthracene	**3.03** D
Benzo(a)pyrene	**2.21** D
Benzo(b)fluoranthene	**2** D
Benzo(k)fluoranthene	**1.81** D
Chrysene	**2.65** D
Dibenzo(a,h)anthracene	**0.54** D
Indeno(1,2,3-cd)pyrene	**1.32** D

Sample ID	23SB-8 (0-2")		23SB-8 (1'-3')	
Sampling Date	9.28.2023		9.28.2023	
Sample Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
SVOCs	ppm		ppm	
Benzo(a)anthracene	**11**	D	**2.86**	D
Benzo(a)pyrene	**7.78**	D	**2.6**	D
Benzo(b)fluoranthene	**11**	D	**3.12**	D
Benzo(k)fluoranthene	**4.01**	D	**1.11**	D
Chrysene	**11.3**	D	**3.08**	D
Dibenzo(a,h)anthracene	**1.73**	D	**0.41**	D
Indeno(1,2,3-cd)pyrene	**7.18**	D	**2.34**	D

Sample ID	23SB-9 (0-2')		23SB-9 (4'-6')	
Sampling Date	10.11.2023		10.11.2023	
Sample Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
SVOCs	ppm		ppm	
Benzo(a)anthracene	**1.46**	D	**9.34**	D
Benzo(a)pyrene	**0.98**	D	**7.25**	D
Benzo(b)fluoranthene	**1.2**	D	**5.39**	D
Benzo(k)fluoranthene	**0.45**	D	**5.74**	D
Chrysene	**1.29**	D	**9.22**	D
Dibenzo(a,h)anthracene	**0.13**	D	**1.15**	D
Indeno(1,2,3-cd)pyrene	**0.69**	D	**3.92**	D

Sample ID	23SB-11 (0-2')		23SB-11 (4'-6')	
Sampling Date	10.11.2023		10.11.2023	
Sample Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
SVOCs	ppm		ppm	
Benzo(a)anthracene	0.05	U	**2.06**	D
Benzo(a)pyrene	0.05	U	**1.47**	D
Benzo(b)fluoranthene	0.05	U	**1.74**	D
Chrysene	0.05	U	**2.01**	D
Indeno(1,2,3-cd)pyrene	0.05	U	**1.12**	D

Sample ID	23SB-7 (0-2")		23SB-7 (2'-4')	
Sampling Date	9.28.2023		9.28.2023	
Sample Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
SVOCs	ppm		ppm	
Benzo(a)anthracene	**6.38**	D	**16.2**	D
Benzo(a)pyrene	**5**	D	**14.6**	D
Benzo(b)fluoranthene	**6.79**	D	**17.7**	D
Benzo(k)fluoranthene	**2.58**	D	**6.53**	D
Chrysene	**6.59**	D	**17.5**	D
Dibenzo(a,h)anthracene	**1.01**	D	**2.15**	D
Indeno(1,2,3-cd)pyrene	**4.65**	D	**10.5**	D

Sample ID	23SB-13 (4'-6')
Sampling Date	10.10.2023
Sample Matrix	Soil
Compound	Result / Q
SVOCs	ppm
Benzo(a)anthracene	**15.4** D
Benzo(a)pyrene	**13.5** D
Benzo(b)fluoranthene	**15.3** D
Benzo(k)fluoranthene	**5.6** D
Chrysene	**14.8** D
Dibenzo(a,h)anthracene	**2.2** D
Indeno(1,2,3-cd)pyrene	**9.4** D

Sample ID	SB-DUP-4
Sampling Date	3.22.2024
Client Matrix	Soil
Compound	Result / Q
VOCs	ppm
Acetone	**0.05**
Total Metals	ppm
Nickel	**32.4**

Sample ID	SB-24SV-2-N1 (8'-10')		SB-24SV-2-N1 (10'-12')		SB-24SV-2-N1 (12'-14')	
Sampling Date	4.22.2024		4.22.2024		4.22.2024	
Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
VOCS	ppm		ppm		ppm	
Tetrachloroethylene	**0.027**		**0.004**	J	0.006	

Sample ID	SB-24SV-2-E1 (8'-10')		SB-24SV-2-E1 (10'-12')		SB-24SV-2-E1 (12'-14')	
Sampling Date	4.22.2024		4.22.2024		4.22.2024	
Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
VOCs	ppm		ppm		ppm	
Tetrachloroethylene	**0.11**		**16**	D	**0.01**	

Sample ID	SB-24SV-2-S1 (8'-10')		SB-24SV-2-S1 (10'-12')		SB-24SV-2-S1 (12'-14')	
Sampling Date	4.22.2024		4.22.2024		4.22.2024	
Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
VOCs	ppm		ppm		ppm	
Tetrachloroethylene	**0.042**		**0.015**		**0.017**	

Sample ID	24SB-7 (0-2')		24SB-7 (4'-6')	
Sampling Date	3.20.2024		3.20.2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
SVOCs	ppm		ppm	
Benzo(a)anthracene	**2.44**	D	**10.3**	D
Benzo(a)pyrene	**2.39**	D	**9.23**	D
Benzo(b)fluoranthene	**3.13**	D	**9.46**	D
Benzo(k)fluoranthene	**2.11**	D	**7.24**	D
Chrysene	**2.45**	D	**10.4**	D
Dibenzo(a,h)anthracene	**1**	D	**2.49**	D
Indeno(1,2,3-cd)pyrene	**2.47**	D	**7.95**	D

Sample ID	24SB-9 (0-2')		24SB-9 (4'-6')		24SB-9 (12'-14')	
Sampling Date	3.21.2024		3.21.2024		3.21.2024	
Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
SVOCs	ppm		ppm		ppm	
Benzo(a)anthracene	**3.5**	D	**2.26**	D	**1.29**	D
Benzo(a)pyrene	**3.05**	D	**2.29**	D	**1.37**	D
Benzo(b)fluoranthene	**2.87**	D	**1.98**	D	**1.28**	D
Benzo(k)fluoranthene	**2.32**	D	**1.52**	D	**0.96**	D
Chrysene	**3.08**	D	**2.13**	D	**1.19**	D
Dibenzo(a,h)anthracene	**0.72**	D	**0.45**	D	**0.27**	D
Indeno(1,2,3-cd)pyrene	**1.96**	D	**1.37**	D	**0.75**	D

SB-DUP-4 is a duplicate of 24SB-3 (14'-16')

SB-DUP-5 is a duplicate of 24SB-13 (0-2')

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Legend:

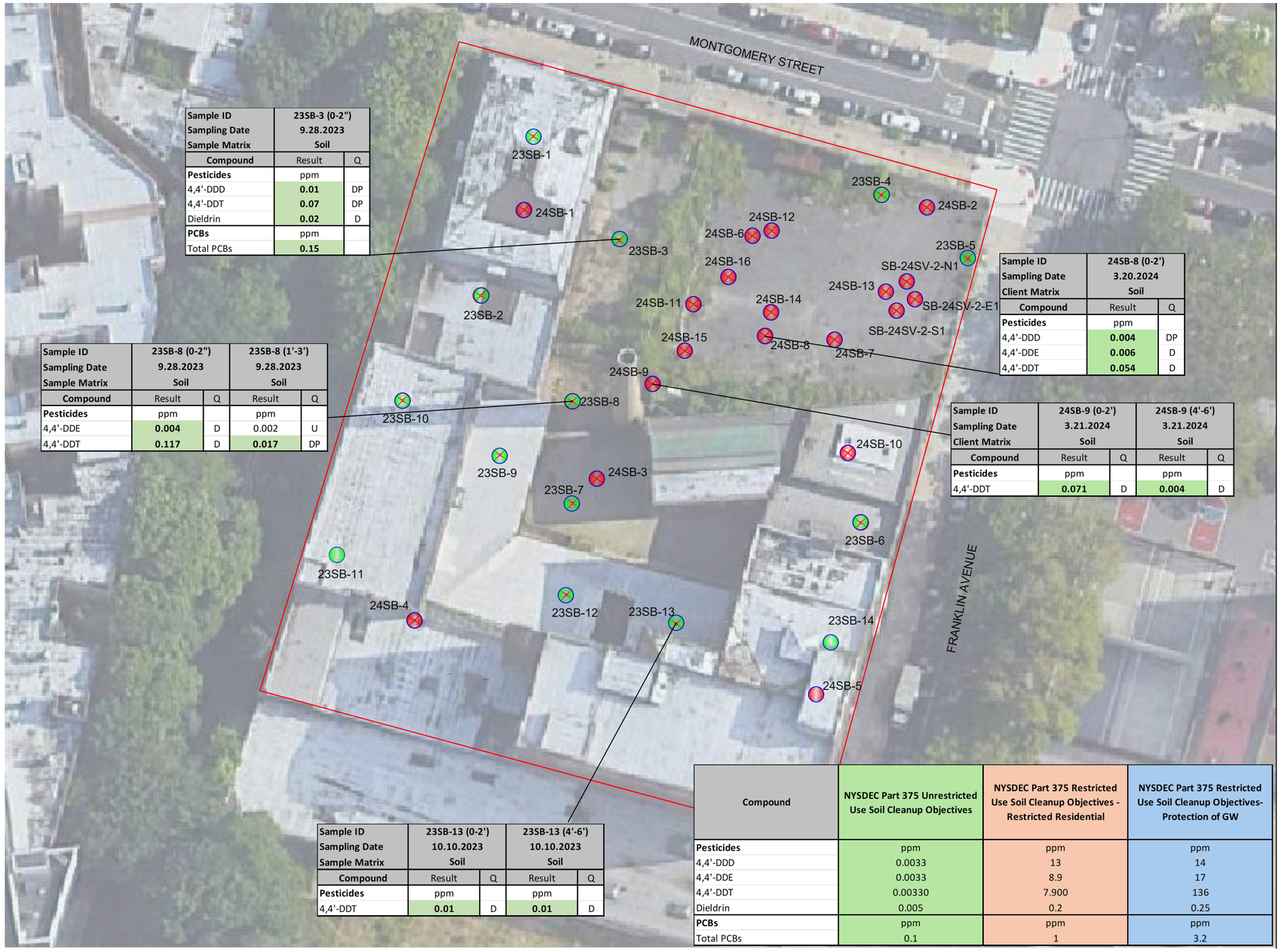
- Site Boundary
- 23SB-X — Soil Boring Location and Designated ID from 2023 RI
- 24SB-X — Soil Boring Location and Designated ID from 2024 SRI

Notes:

1. All feature locations are approximate
2. Base map is provided by Google
3. All results are reported in parts per million
4. UUSCOS: Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs)
5. RRSCOs: Part 375 Restricted Residential Use SCOs
6. PGWSCOs: Part 375 Restricted Use Protection of Groundwater SCOs
7. Green highlighted values are concentrations above UUSCOs
8. Orange highlighted values are concentrations above RRSCOs.
9. Blue highlighted values are concentrations above PGWSCOs.
10. Q is the Qualifier Column with definitions as follows:
    D = Result is from an analysis that required dilution
    J = analyte detected at or above the MDL but below the RL Data is estimated

Scale: 0 25' 50'

Figure No.	8a
Figure Name:	Soil Analytical Results - VOCs and SVOCs
Report:	RIR
Date:	05/23/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



Sample ID	23SB-3 (0-2")	
Sampling Date	9.28.2023	
Sample Matrix	Soil	
Compound	Result	Q
Pesticides	ppm	
4,4'-DDD	**0.01**	DP
4,4'-DDT	**0.07**	DP
Dieldrin	**0.02**	D
PCBs	ppm	
Total PCBs	**0.15**	

Sample ID	24SB-8 (0-2')	
Sampling Date	3.20.2024	
Client Matrix	Soil	
Compound	Result	Q
Pesticides	ppm	
4,4'-DDD	**0.004**	DP
4,4'-DDE	**0.006**	D
4,4'-DDT	**0.054**	D

Sample ID	23SB-8 (0-2")		23SB-8 (1'-3')	
Sampling Date	9.28.2023		9.28.2023	
Sample Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Pesticides	ppm		ppm	
4,4'-DDE	**0.004**	D	0.002	U
4,4'-DDT	**0.117**	D	**0.017**	DP

Sample ID	24SB-9 (0-2')		24SB-9 (4'-6')	
Sampling Date	3.21.2024		3.21.2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Pesticides	ppm		ppm	
4,4'-DDT	**0.071**	D	**0.004**	D

Sample ID	23SB-13 (0-2')		23SB-13 (4'-6')	
Sampling Date	10.10.2023		10.10.2023	
Sample Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Pesticides	ppm		ppm	
4,4'-DDT	**0.01**	D	**0.01**	D

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW
Pesticides	ppm	ppm	ppm
4,4'-DDD	0.0033	13	14
4,4'-DDE	0.0033	8.9	17
4,4'-DDT	0.00330	7.900	136
Dieldrin	0.005	0.2	0.25
PCBs	ppm	ppm	ppm
Total PCBs	0.1	1	3.2

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Legend:

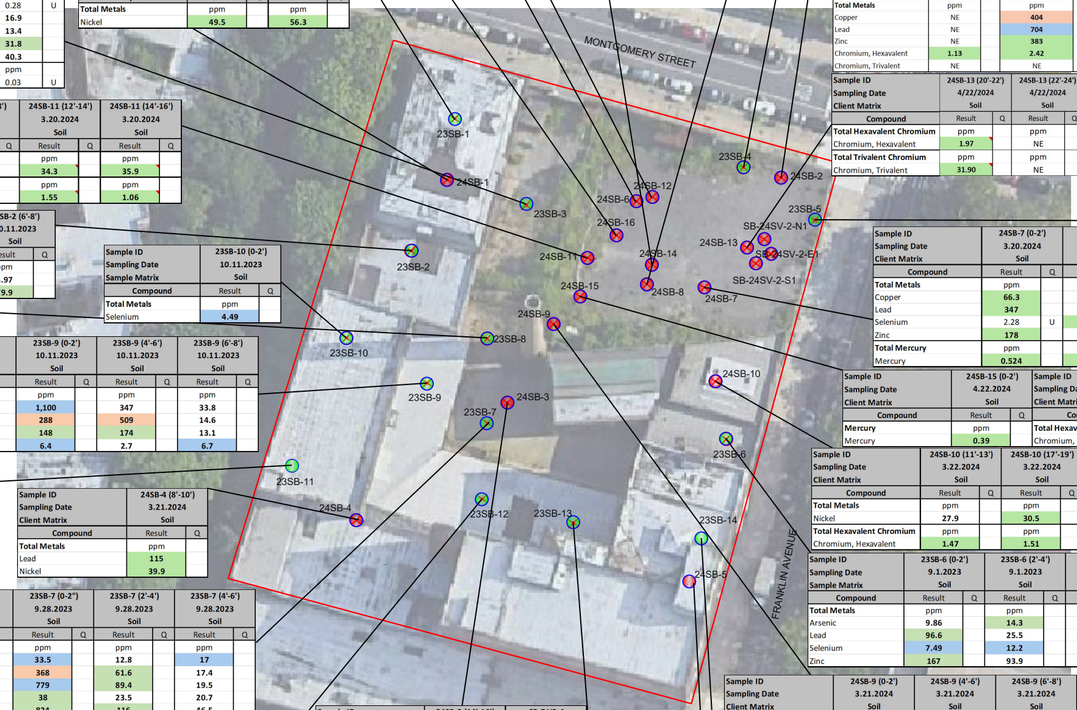
- Site Boundary
- 23SB-X: Soil Boring Location and Designated ID from 2023 RI
- 24SB-X: Soil Boring Location and Designated ID from 2024 SRI

Notes:

1. All feature locations are approximate
2. Base map is provided by Google
3. All results are reported in parts per million
4. UUSCOS: Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs)
5. RRSCOs: Part 375 Restricted Residential Use SCOs
6. PGWSCOs: Part 375 Restricted Use Protection of Groundwater SCOs
7. Green highlighted values are concentrations above UUSCOs
8. Orange highlighted values are concentrations above RRSCOs.
9. Blue highlighted values are concentrations above PGWSCOs.
10. Q is the Qualifier Column with definitions as follows:
    D = Result is from an analysis that required dilution
    P = this flag is used for pesticide target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis.

Scale: 0 25' 50'

Figure No.	8b
Figure Name:	Soil Analytical Results - Pesticides and PCBs
Report:	RIR
Date:	05/23/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



Sample ID	24SB-6 (0-2')		24SB-6 (4'-6')		24SB-6 (6'-8')		24SB-6 (12'-14')		24SB-6 (14'-16')	
Sampling Date	3.20.2024		3.20.2024		3.20.2024		3.20.2024		3.20.2024	
Client Matrix	Soil		Soil		Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm		ppm		ppm	
Lead	**67.1**		**8.79**		**12.2**		**17.7**		8.65	
Nickel	**27**		**44.4**		**58.6**		**47.7**		**64.9**	
Total Hexavalent Chromium	ppm		ppm		ppm		ppm		ppm	
Chromium, Hexavalent	0.93		0.98		**1.15**		**1.2**		0.552	U
Total Trivalent Chromium	ppm		ppm		ppm		ppm		ppm	
Chromium, Trivalent	**17.2**		**25.1**		**28**		**19.2**		**36.5**	

Sample ID	24SB-12 (0-2')		24SB-12 (4'-6')		24SB-12 (12'-14')	
Sampling Date	4.22.2024		4.22.2024		4.22.2024	
Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Compound	Result	Q
Total Metals	ppm		ppm		**Total Hexavalent Chromium**	ppm	
Lead	**160**		**114**		Chromium, Hexavalent	**1.21**	
Mercury	ppm		ppm				
Mercury	**0.229**		**0.345**				

Sample ID	24SB-8 (12'-14')		24SB-8 (14'-16')	
Sampling Date	3.20.2024		3.20.2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Total Metals	ppm		ppm	
Nickel	**30.5**		**36.5**	

Sample ID	24SB-16 (0-2')		24SB-16(4'-6')		24SB-16 (6'-8')	
Sampling Date	4.22.2024		4.22.2024		4.22.2024	
Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Arsenic	7.06		**15**		9.76	
Nickel	19.8		20.1		**30.2**	
Total Hexavalent Chromium	ppm		ppm		ppm	
Chromium, Hexavalent	**2.16**		**1.14**		**1.49**	
Total Trivalent Chromium	ppm		ppm		ppm	
Chromium, Trivalent	16		**30.7**		22.1	

Sample ID	24SB-14 (0-2')		24SB-14 (12'-14')	
Sampling Date	4.22.2024		4.22.2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Total Metals	ppm		ppm	
Lead	**308**		**88.5**	
Zinc	55.1		**197**	
Mercury	ppm		ppm	
Mercury	0.06		**0.31**	

Sample ID	24SB-14 (14'-16')
Sampling Date	4.22.2024
Client Matrix	Soil
Compound	Result	Q
Mercury	ppm	
Mercury	**0.2**	

Sample ID	23SB-4 (0-2")		23SB-4 (1'-3')		23SB-4 (4'-6')	
Sampling Date	9.1.2023		9.1.2023		9.1.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Lead	**144**		**206**		**23.4**	
Nickel	**14.8**		**41.6**		**34.7**	
Selenium	2.27	U	**7.44**		**2.88**	
Zinc	**104**		**137**		**42.1**	
Total Mercury	ppm		ppm		ppm	
Mercury	**0.28**		**0.04**		**0.03**	

Sample ID	23SB-1 (0-2')		23SB-1 (4'-6')		23SB-1 (6'-8')	
Sampling Date	10.11.2023		10.11.2023		10.11.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Mercury	ppm		ppm		ppm	
Mercury	**0.43**		**0.04**		0.03	U

Sample ID	24SB-2 (6'-8')		24SB-2 (18'-20')	
Sampling Date	3.19.2024		3.19.2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Total Metals	ppm		ppm	
Nickel	**34.8**		**59.1**	
Total Hexavalent Chromium	ppm		ppm	
Chromium, Hexavalent	**1.67**		**2.6**	

Sample ID	23SB-3 (0-2")		23SB-3 (1'-3')		23SB-3 (3'-5')	
Sampling Date	9.28.2023		9.28.2023		9.28.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Arsenic	**40.1**		**8.62**		**8.36**	
Barium	**646**		**27.8**		**45.1**	
Cadmium	**15.4**		0.29	U	0.28	U
Copper	**259**		**19.8**		**16.9**	
Lead	**3,200**		**16.2**		**13.4**	
Nickel	**89.3**		**15.4**		**31.8**	
Zinc	**1,960**		**35.4**		**40.3**	
Total Mercury	ppm		ppm		ppm	
Mercury	**0.79**		**0.2**		0.03	U

Sample ID	24SB-1 (6'-8')		24SB-1 (18'-20')	
Sampling Date	3.19.2024		3.19.2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Total Metals	ppm		ppm	
Nickel	**49.5**		**56.3**	

Sample ID	24SB-13 (0-2')		SB-DUP-5 (24SB-13 (0-2'))		24SB-13 (4'-6')		24SB-13 (6'-8')		24SB-13 (12'-14')		24SB-13 (14'-16')		24SB-13 (16'-18')		24SB-13 (18'-20')	
Sampling Date	4/22/2024		4/22/2024		4/22/2024		4/22/2024		4/22/2024		4/22/2024		4/22/2024		4/22/2024	
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
Copper	NE		**404**		NE		NE		**140**		NT		NT		NT	
Lead	NE		**704**		NE		NE		NE		NT		NT		NT	
Zinc	NE		**383**		NE		NE		NE		NT		NT		NT	
Chromium, Hexavalent	**1.13**		**2.42**		**2.28**		**2.37**		**2.79**		**1.09**		ND		**1.35**	
Chromium, Trivalent	NE		NE		NE		NE		NE		**43.2**		**43.8**		**30.2**	

Sample ID	24SB-11 (0-2')		24SB-11 (4'-6')		SB-DUP-2		24SB-11 (6'-8')		24SB-11 (12'-14')		24SB-11 (14'-16')	
Sampling Date	3.20.2024		3.20.2024		3.20.2024		3.20.2024		3.20.2024		3.20.2024	
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm		ppm		ppm		ppm	
Nickel	**41.9**		14.4		**35.6**		**31.1**		**34.3**		**35.9**	
Total Hexavalent Chromium	ppm		ppm		ppm		ppm		ppm		ppm	
Chromium, Hexavalent	0.56	U	**1.9**		**1.94**		**1.67**		**1.55**		**1.06**	

Sample ID	24SB-13 (20'-22')		24SB-13 (22'-24')	
Sampling Date	4/22/2024		4/22/2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Total Hexavalent Chromium	ppm		ppm	
Chromium, Hexavalent	**1.97**		NE	
Total Trivalent Chromium	ppm		ppm	
Chromium, Trivalent	**31.90**		NE	

Sample ID	23SB-5 (0-2")		23SB-5 (2'-4')		23SB-5 (4'-5')	
Sampling Date	9.1.2023		9.1.2023		9.1.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Lead	**148**		**31.1**		**17.1**	
Nickel	**16.5**		**20.8**		**35.9**	
Selenium	2.35	U	2.18	U	**4.66**	
Zinc	**148**		**47.1**		**52.3**	
Total Mercury	ppm		ppm		ppm	
Mercury	**0.51**		**0.08**		0.03	U

Sample ID	23SB-2 (0-2')		23SB-2 (4'-6')		23SB-2 (6'-8')	
Sampling Date	10.11.2023		10.11.2023		10.11.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Arsenic	**8.55**		**17.3**		**3.97**	
Nickel	**86.9**		**40.5**		**79.9**	

Sample ID	23SB-10 (0-2')
Sampling Date	10.11.2023
Sample Matrix	Soil
Compound	Result	Q
Total Metals	ppm	
Selenium	**4.49**	

Sample ID	24SB-7 (0-2')		24SB-7 (4'-6')		24SB-7 (6'-8')	
Sampling Date	3.20.2024		3.20.2024		3.20.2024	
Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Copper	**66.3**		**19.1**		**21.1**	
Lead	**347**		**11.3**		**12.7**	
Selenium	2.28	U	**4.7**		**5.56**	
Zinc	**178**		**46.5**		**47.4**	
Total Mercury	ppm		ppm		ppm	
Mercury	**0.524**		**0.31**		0.035	U

Sample ID	23SB-8 (0-2")		23SB-8 (1'-3')		23SB-8 (3'-5')	
Sampling Date	9.28.2023		9.28.2023		9.28.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Arsenic	**41.9**		**9.49**		**10.6**	
Barium	**465**		**37.2**		**54.7**	
Cadmium	**15.3**		0.27	U	0.28	U
Lead	**3,140**		**15.90**		**15.6**	
Nickel	**96.1**		**52.50**		**55.1**	
Zinc	**1,870**		**47.30**		**40.2**	
Total Mercury	ppm		ppm		ppm	
Mercury	**0.91**		**0.05**		0.03	U

Sample ID	23SB-9 (0-2')		23SB-9 (4'-6')		23SB-9 (6'-8')	
Sampling Date	10.11.2023		10.11.2023		10.11.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Barium	**1,100**		**347**		**33.8**	
Copper	**288**		**509**		**14.6**	
Lead	**148**		**174**		**13.1**	
Selenium	**6.4**		**2.7**		**6.7**	

Sample ID	24SB-15 (0-2')		Sample ID	24SB-15 (4'-6')		24SB-15 (6'-8')		24SB-15 (12'-14')	
Sampling Date	4.22.2024		Sampling Date	4.22.2024		4.22.2024		4.22.2024	
Client Matrix	Soil		Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Compound	Result	Q	Result	Q	Result	Q
Mercury	ppm		**Total Hexavalent Chromium**	ppm		ppm		ppm	
Mercury	**0.39**		Chromium, Hexavalent	**1.68**		**3.02**		**2.39**	

Sample ID	24SB-10 (11'-13')		24SB-10 (17'-19')		24SB-10 (19'-21')	
Sampling Date	3.22.2024		3.22.2024		3.22.2024	
Client Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Nickel	**27.9**		**30.5**		**33.8**	
Total Hexavalent Chromium	ppm		ppm		ppm	
Chromium, Hexavalent	**1.47**		**1.51**		0.66	

Sample ID	23SB-11 (0-2')		23SB-11 (4'-6')		23SB-11 (6-8)	
Sampling Date	10.11.2023		10.11.2023		10.11.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Copper	**17.5**		**226**		**17.6**	
Lead	**13.2**		**558**		**15.4**	
Selenium	**4.18**		**11.6**		**3.95**	

Sample ID	24SB-4 (8'-10')
Sampling Date	3.21.2024
Client Matrix	Soil
Compound	Result	Q
Total Metals	ppm	
Lead	**115**	
Nickel	**39.9**	

Sample ID	23SB-6 (0-2')		23SB-6 (2'-4')		23SB-6 (6'-8')	
Sampling Date	9.1.2023		9.1.2023		9.1.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Arsenic	**9.86**		**14.3**		**4.9**	
Lead	**96.6**		**25.5**		**12.9**	
Selenium	**7.49**		**12.2**		**2.72**	
Zinc	**167**		**93.9**		**34.6**	

Sample ID	23SB-7 (0-2')		23SB-7 (2'-4')		23SB-7 (4'-6')	
Sampling Date	9.28.2023		9.28.2023		9.28.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Arsenic	**33.5**		**12.8**		**17**	
Copper	**368**		**61.6**		**17.4**	
Lead	**779**		**89.4**		**19.5**	
Nickel	**38**		**23.5**		**20.7**	
Zinc	**824**		**116**		**46.5**	
Total Mercury	ppm		ppm		ppm	
Mercury	**0.99**		**0.06**		0.03	U

Sample ID	24SB-9 (0-2')		24SB-9 (4'-6')		24SB-9 (6'-8')		SB-DUP-3		24SB-9 (12'-14')	
Sampling Date	3.21.2024		3.21.2024		3.21.2024		3.21.2024		3.21.2024	
Client Matrix	Soil		Soil		Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm		ppm		ppm	
Copper	**140**		**16.9**		**17.7**		**15.9**		**109**	
Lead	**298**		**14.8**		**15.1**		**9.79**		**17.9**	
Zinc	**295**		**41.4**		**43.8**		**34.7**		**56.1**	
Total Mercury	ppm		ppm		ppm		ppm		ppm	
Mercury	**0.207**		0.034	U	0.034	U	0.035	U	0.035	U
Total Hexavalent Chromium	ppm		ppm		ppm		ppm		ppm	
Chromium, Hexavalent	0.59	U	**2.28**		**1.14**		**1.48**		**0.94**	

Sample ID	24SB-3 (14'-16')		SB-DUP-4	
Sampling Date	3.22.2024		3.22.2024	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Total Metals	ppm		ppm	
Nickel	**22.7**		**32.4**	

Sample ID	23SB-12 (0-2')		23SB-12 (4'-6')		23SB-12 (6'-8')	
Sampling Date	10.10.2023		10.10.2023		10.10.2023	
Sample Matrix	Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm	
Barium	**995**		**55.9**		**37.1**	
Cadmium	**7.85**		0.3	U	0.3	U
Copper	**822**		**16.4**		**20.1**	
Iron	24,300		**13,200**		**15,000**	
Lead	**360**		**26.7**		**67.6**	
Nickel	**21**		**36.1**		**21.5**	
Selenium	**3.85**		**4.1**		**4.7**	
Zinc	**149**		**92.5**		**37.5**	
Total Mercury	ppm		ppm		ppm	
Mercury	**0.1**		**0.1**		**0.2**	

Sample ID	23SB-13 (0-2')		23SB-13 (4'-6')		23SB-13 (6'-8')		23SB-13 (DUP)	
Sampling Date	10.10.2023		10.10.2023		10.10.2023		10.10.2023	
Sample Matrix	Soil		Soil		Soil		Soil	
Compound	Result	Q	Result	Q	Result	Q	Result	Q
Total Metals	ppm		ppm		ppm		ppm	
Arsenic	**13.9**		**4.4**		**6.15**		**9.62**	
Barium	**3,390**		**988**		**55.5**		**54.7**	
Copper	**2,120**		**452**		**14**		**17.8**	
Lead	**670**		**115**		**16.9**		**14.5**	
Nickel	**19.9**		**11.9**		**37.4**		**28.2**	
Selenium	**8.9**		**3.1**		**4.1**		**7.43**	
Zinc	**140**		**122**		**55.9**		**63.8**	
Total Mercury	ppm		ppm		ppm		ppm	
Mercury	**0.2**		**0.6**		**0.05**		0.04	U

Sample ID	23SB-14 (2'-4')		23SB-14 (4'-6')	
Sampling Date	9.1.2023		9.1.2023	
Sample Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
Total Metals	ppm		ppm	
Nickel	**39.7**		**31.6**	
Selenium	**4.43**		**5.54**	

Sample ID	24SB-5 (6'-8')
Sampling Date	3.21.2024
Client Matrix	Soil
Compound	Result	Q
Total Metals	ppm	
Nickel	**37**	
Total Hexavalent Chromium	ppm	
Chromium, Hexavalent	**1.63**	
Total Trivalent Chromium	ppm	
Chromium, Trivalent	**35**	

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW
Total Metals	ppm	ppm	ppm
Arsenic	13	16	16
Barium	350	400	820
Cadmium	2.5	4.3	7.5
Copper	50	270	1720
Lead	63	400	450
Nickel	30	310	130
Selenium	3.9	180	4
Zinc	109	10000	2,480
Total Mercury	ppm	ppm	ppm
Mercury	0.18	0.81	0.73
Total Hexavalent Chromium	ppm	ppm	ppm
Chromium, Hexavalent	1	110	19
Total Trivalent Chromium	ppm	ppm	ppm
Chromium, Trivalent	30	180	~

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Legend:

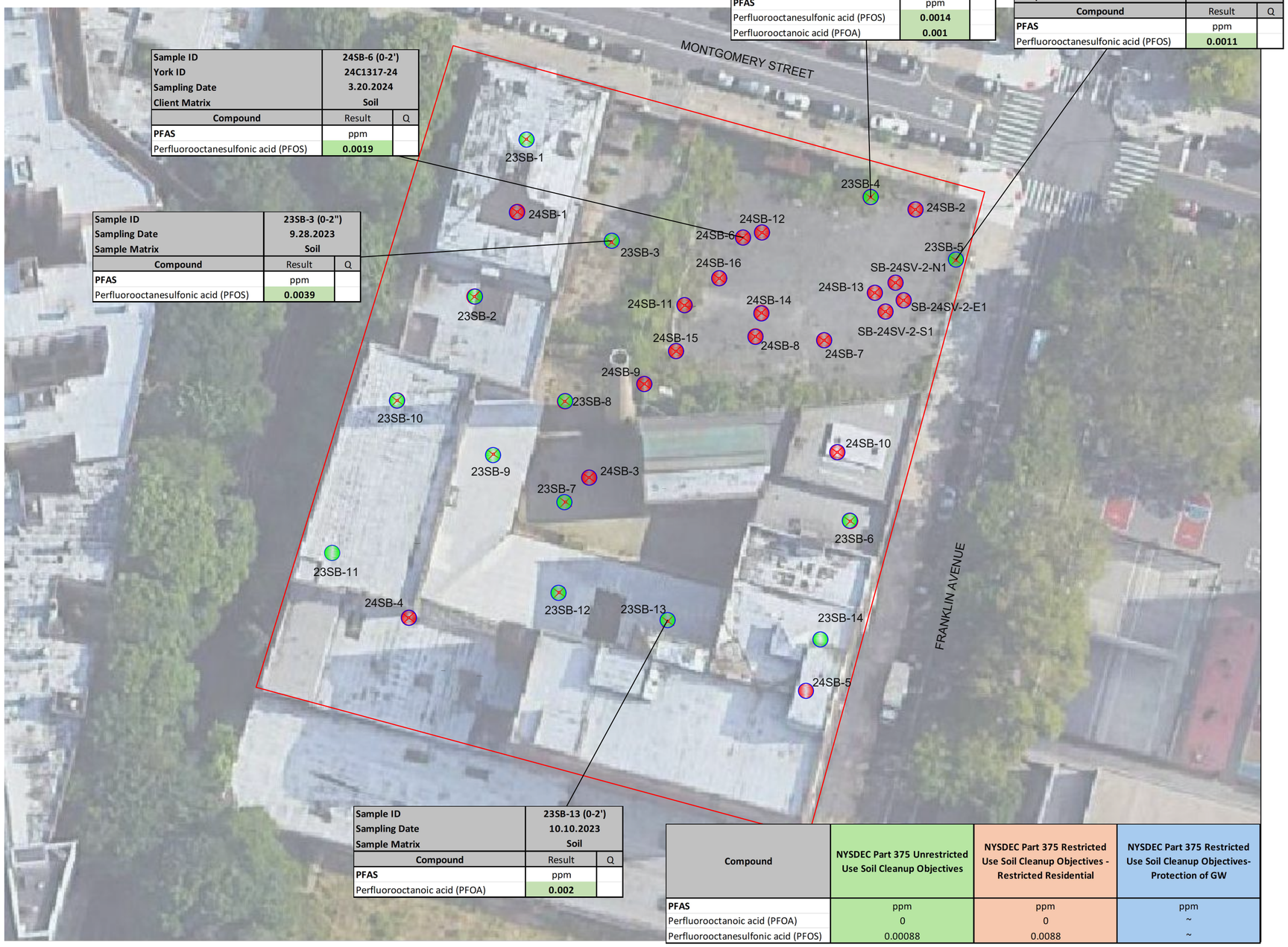
- Site Boundary
- 23SB-X — Soil Boring Location and Designated ID from 2023 RI
- 24SB-X — Soil Boring Location and Designated ID from 2024 SRI

Notes:

1. All feature locations are approximate
2. Base map is provided by Google
3. All results are reported in parts per million
4. UUSCOS: Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs)
5. RRSCOs: Part 375 Restricted Residential Use SCOs
6. PGWSCOs: Part 375 Restricted Use Protection of Groundwater SCOs
7. Green highlighted values are concentrations above UUSCOs
8. Orange highlighted values are concentrations above RRSCOs.
9. Blue highlighted values are concentrations above PGWSCOs.
10. Q is the Qualifier Column with definitions as follows:
    D = Result is from an analysis that required dilution
    J = analyte detected at or above the MDL but below the RL Data is estimated

Scale: 0 25' 50'

Figure No.	8c
Figure Name:	Soil Analytical Results - Metals
Report:	RIR
Date:	05/30/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



Sample ID	24SB-6 (0-2')
York ID	24C1317-24
Sampling Date	3.20.2024
Client Matrix	Soil
Compound	Result / Q
PFAS	ppm
Perfluorooctanesulfonic acid (PFOS)	**0.0019**

Sample ID	23SB-3 (0-2")
Sampling Date	9.28.2023
Sample Matrix	Soil
Compound	Result / Q
PFAS	ppm
Perfluorooctanesulfonic acid (PFOS)	**0.0039**

Sample ID	23SB-4 (4'-6')
Sampling Date	9.1.2023
Sample Matrix	Soil
Compound	Result / Q
PFAS	ppm
Perfluorooctanesulfonic acid (PFOS)	**0.0014**
Perfluorooctanoic acid (PFOA)	**0.001**

Sample ID	23SB-5 (2'-4')
Sampling Date	9.1.2023
Sample Matrix	Soil
Compound	Result / Q
PFAS	ppm
Perfluorooctanesulfonic acid (PFOS)	**0.0011**

Sample ID	23SB-13 (0-2')
Sampling Date	10.10.2023
Sample Matrix	Soil
Compound	Result / Q
PFAS	ppm
Perfluorooctanoic acid (PFOA)	**0.002**

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW
PFAS	ppm	ppm	ppm
Perfluorooctanoic acid (PFOA)	0	0	~
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0088	~

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Legend:

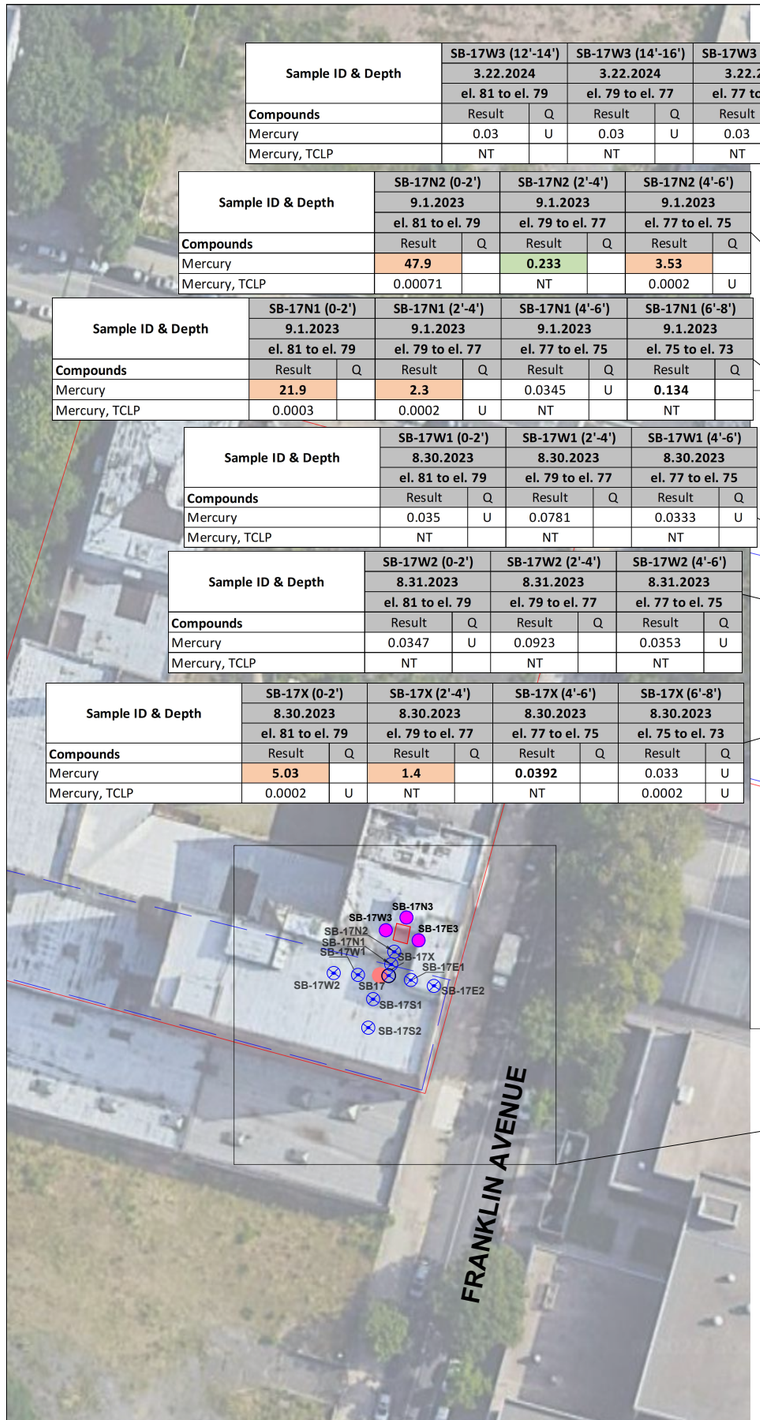
- Site Boundary
- 23SB-X: Soil Boring Location and Designated ID from 2023 RI
- 24SB-X: Soil Boring Location and Designated ID from 2024 SRI

Notes:

1. All feature locations are approximate
2. Base map is provided by Google
3. All results are reported in parts per million
4. UUSCOS: Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs)
5. RRSCOs: Part 375 Restricted Residential Use SCOs
6. PGWSCOs: Part 375 Restricted Use Protection of Groundwater SCOs
7. Green highlighted values are concentrations above UUSCOs
8. Orange highlighted values are concentrations above RRSCOs.
9. Blue highlighted values are concentrations above PGWSCOs.
10. Q is the Qualifier Column with definitions as follows: D = Result is from an analysis that required dilution J = analyte detected at or above the MDL but below the RL Data is estimated

Scale: 0 25' 50'

Figure No.	8d
Figure Name:	Soil Analytical Results - PFAS
Report:	RIR
Date:	05/23/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



Sample ID & Depth	SB-17W3 (12'-14')		SB-17W3 (14'-16')		SB-17W3 (16'-18')	
	3.22.2024		3.22.2024		3.22.2024	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	0.03	U	0.03	U	0.03	U
Mercury, TCLP	NT		NT		NT	

Sample ID & Depth	SB-17N2 (0-2')		SB-17N2 (2'-4')		SB-17N2 (4'-6')	
	9.1.2023		9.1.2023		9.1.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	**47.9**		**0.233**		**3.53**	
Mercury, TCLP	0.00071		NT		0.0002	U

Sample ID & Depth	SB-17N1 (0-2')		SB-17N1 (2'-4')		SB-17N1 (4'-6')		SB-17N1 (6'-8')	
	9.1.2023		9.1.2023		9.1.2023		9.1.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75		el. 75 to el. 73	
Compounds	Result	Q	Result	Q	Result	Q	Result	Q
Mercury	**21.9**		**2.3**		0.0345	U	**0.134**	
Mercury, TCLP	0.0003		0.0002	U	NT		NT	

Sample ID & Depth	SB-17W1 (0-2')		SB-17W1 (2'-4')		SB-17W1 (4'-6')	
	8.30.2023		8.30.2023		8.30.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	0.035	U	0.0781		0.0333	U
Mercury, TCLP	NT		NT		NT	

Sample ID & Depth	SB-17W2 (0-2')		SB-17W2 (2'-4')		SB-17W2 (4'-6')	
	8.31.2023		8.31.2023		8.31.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	0.0347	U	0.0923		0.0353	U
Mercury, TCLP	NT		NT		NT	

Sample ID & Depth	SB-17X (0-2')		SB-17X (2'-4')		SB-17X (4'-6')		SB-17X (6'-8')	
	8.30.2023		8.30.2023		8.30.2023		8.30.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75		el. 75 to el. 73	
Compounds	Result	Q	Result	Q	Result	Q	Result	Q
Mercury	**5.03**		**1.4**		**0.0392**		0.033	U
Mercury, TCLP	0.0002	U	NT		NT		0.0002	U

Sample ID & Depth	SB-17N3 (12'-14')		SB-17N3 (14'-16')		SB-17N3 (16'-18')	
	3.22.2024		3.22.2024		3.22.2024	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	**0.61**		**1.03**		0.04	U
Mercury, TCLP	NT		NT		NT	

Sample ID & Depth	SB-17E3 (12'-14')		SB-17E3 (14'-16')		SB-17E3 (16'-18')	
	3.22.2024		3.22.2024		3.22.2024	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	**0.85**		**0.06**		0.04	U
Mercury, TCLP	NT		NT		NT	

Sample ID & Depth	SB-17E1 (0-2')		SB-17E1 (2'-4')		SB-17E1 (4'-6')		SB-17E1 (6'-8')	
	8.30.2023		8.30.2023		8.30.2023		8.30.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75		el. 75 to el. 73	
Compounds	Result	Q	Result	Q	Result	Q	Result	Q
Mercury	**0.128**		0.0346	U	0.0342	U	0.0323	U
Mercury, TCLP	NT		NT		NT		NT	

Sample ID & Depth	SB-17E2 (0-2')		SB-17E2 (2'-4')		SB-17E2 (4'-6')	
	8.31.2023		8.31.2023		8.31.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	**0.645**		0.0342	U	**0.0412**	
Mercury, TCLP	NT		NT		NT	

Sample ID & Depth	SB-17S1 (0-2')		SB-17S1 (2'-4')		SB-17S1 (4'-6')	
	8.30.2023		8.30.2023		8.30.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	**0.975**		**0.0828**		0.0344	U
Mercury, TCLP	NT		NT		NT	

Sample ID & Depth	SB-17S2 (0-2')		SB-17S2 (2'-4')		SB-17S2 (4'-6')		SB-17S2 (6'-8')		SB-17S2 (8'-10')	
	8.31.2023		8.31.2023		8.31.2023		8.31.2023		9.1.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75		el. 75 to el. 73		el. 73 to el. 71	
Compounds	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Mercury	**1.41**		0.0346	U	**2.66**		**0.264**		0.035	U
Mercury, TCLP	NT		NT		0.0002	U	NT		NT	

Sample ID & Depth	SB-17S3 (0-2')		SB-17S3 (2'-4')		SB-17S3 (4'-6')	
	9.1.2023		9.1.2023		9.1.2023	
	el. 81 to el. 79		el. 79 to el. 77		el. 77 to el. 75	
Compounds	Result	Q	Result	Q	Result	Q
Mercury	**0.726**		**0.496**		0.034	U
Mercury, TCLP	NT		NT		NT	

Compounds	UUSCOs	RRSCOs	PGWSCOs	USEPA Hazardous Waste
	ppm	ppm	ppm	mg/L
Mercury	0.18	0.81	0.73	-
Mercury, TCLP	-	-	-	5

Note:

2024 SRI Borings were advanced from grade after demolition of existing Site buildings. Elevations are noted within the results for depth reference.

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Legend:

- Site Boundary
- Approximate Former Basement Footprint
- SB-17 — Prior Soil Boring Location with Elevated Mercury Concentration (3.4 ppm)
- SB-17XX — Delineation Soil Boring Location and Designated ID (2023 RI)
- SB-17XX — Delineation Soil Boring Location and Designated ID (2024 SRI)
- Approximate Location of Dry Well in Former Basement

Notes:

1. All locations are approximate
2. NT: Not Tested
3. UUSCO: NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
4. RRSCO: NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives
5. PGWSCO: NYSDEC Part 375 Restricted Use Soil Cleanup Use Protection of Groundwater
6. Q: Qualifier
7. TCLP: Toxic Characteristic Leaching Procedure
8. ppm: parts per million
9. mg/L: milligrams per liter
10. Total Mercury results are reported in ppm
11. TCLP Mercury results are reported in mg/L

Scale:

0 50 110

Figure No.	9
Figure Name:	Mercury Delineation Exceedance Map
Report:	RIR
Date:	5/21/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York

Compound	NYSDEC TOGS Standards and Guidance Values - GA
VOCs	ug/L
1,1,1-Trichloroethane	5
Chloroform	7
p-Isopropyltoluene	5
Tetrachloroethylene	5
SVOCs	ug/L
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Total Metals	ug/L
Chromium	50
Copper	200
Lead	25
Manganese	300
Sodium	20,000
Dissolved Metals	ug/L
Chromium	50
Lead	25
Manganese	300
Sodium	20,000
Dissolved Metals	ug/L
Antimony	3
PFAS	ug/L
Perfluorooctanesulfonic acid (PFOS)	0.01
Perfluorooctanoic acid (PFOA)	0.01

Sample ID	MW-1
Sampling Date	10.20.2023
Compound	Result / Q
VOCs	ug/L
1,1,1-Trichloroethane	**5.9**
Chloroform	**13**
p-Isopropyltoluene	**41**
Tetrachloroethylene	**18**
SVOCs	ug/L
Benzo(a)anthracene	**0.06**
Chrysene	**0.05**
Total Metals	ug/L
Chromium	**61.7**
Lead	**38.4**
Manganese	**866**
Sodium	**35,800**
Dissolved Metals	ug/L
Sodium	**34,400**
PFAS	ug/L
Perfluorooctanesulfonic acid (PFOS)	**0.0116**
Perfluorooctanoic acid (PFOA)	**0.0496**

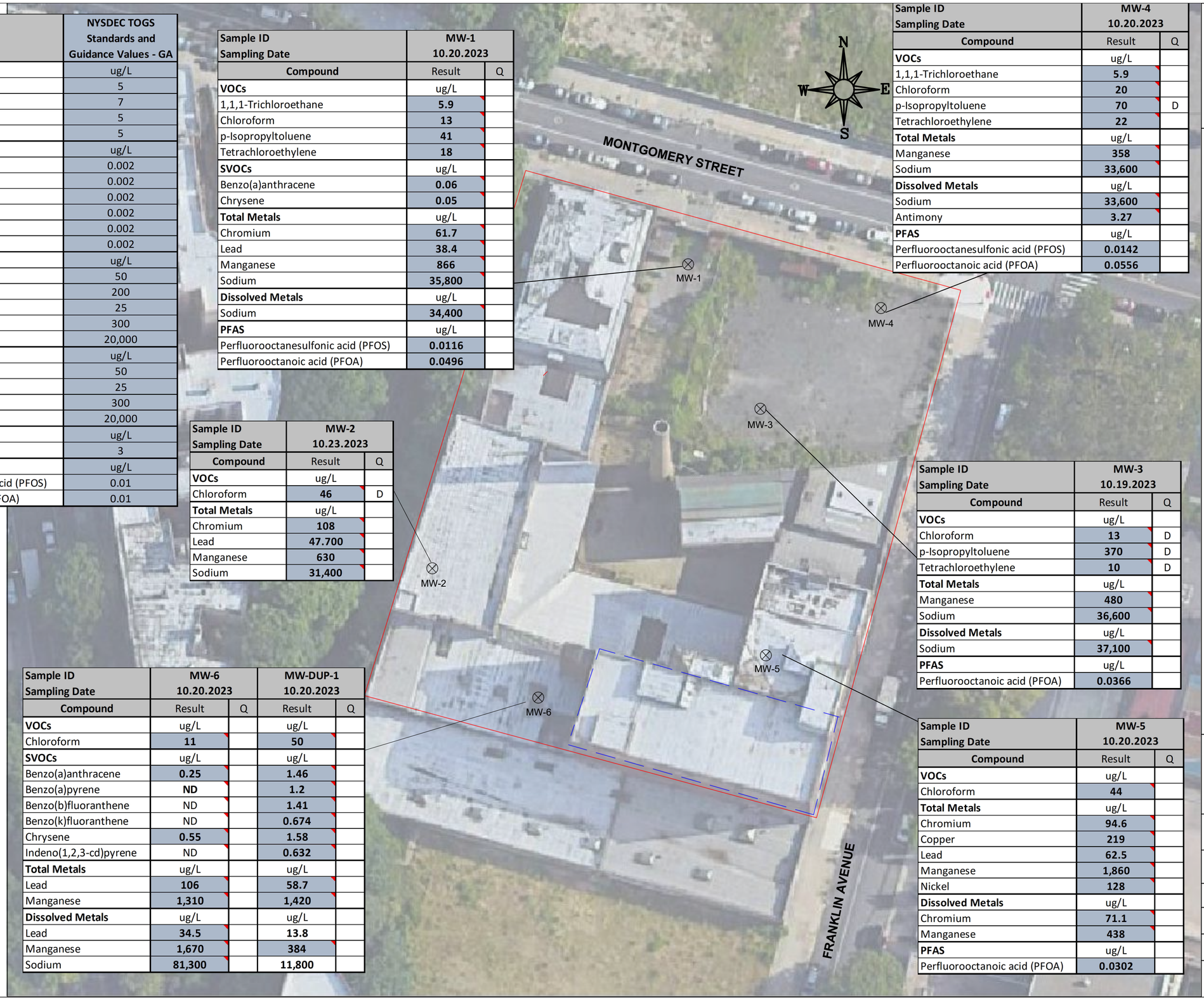
Sample ID	MW-2
Sampling Date	10.23.2023
Compound	Result / Q
VOCs	ug/L
Chloroform	**46** D
Total Metals	ug/L
Chromium	**108**
Lead	**47.700**
Manganese	**630**
Sodium	**31,400**

Sample ID	MW-3
Sampling Date	10.19.2023
Compound	Result / Q
VOCs	ug/L
Chloroform	**13** D
p-Isopropyltoluene	**370** D
Tetrachloroethylene	**10** D
Total Metals	ug/L
Manganese	**480**
Sodium	**36,600**
Dissolved Metals	ug/L
Sodium	**37,100**
PFAS	ug/L
Perfluorooctanoic acid (PFOA)	**0.0366**

Sample ID	MW-4
Sampling Date	10.20.2023
Compound	Result / Q
VOCs	ug/L
1,1,1-Trichloroethane	**5.9**
Chloroform	**20**
p-Isopropyltoluene	**70** D
Tetrachloroethylene	**22**
Total Metals	ug/L
Manganese	**358**
Sodium	**33,600**
Dissolved Metals	ug/L
Sodium	**33,600**
Antimony	**3.27**
PFAS	ug/L
Perfluorooctanesulfonic acid (PFOS)	**0.0142**
Perfluorooctanoic acid (PFOA)	**0.0556**

Sample ID	MW-5
Sampling Date	10.20.2023
Compound	Result / Q
VOCs	ug/L
Chloroform	**44**
Total Metals	ug/L
Chromium	**94.6**
Copper	**219**
Lead	**62.5**
Manganese	**1,860**
Nickel	**128**
Dissolved Metals	ug/L
Chromium	**71.1**
Manganese	**438**
PFAS	ug/L
Perfluorooctanoic acid (PFOA)	**0.0302**

Sample ID	MW-6		MW-DUP-1	
Sampling Date	10.20.2023		10.20.2023	
Compound	Result	Q	Result	Q
VOCs	ug/L		ug/L	
Chloroform	**11**		**50**	
SVOCs	ug/L		ug/L	
Benzo(a)anthracene	**0.25**		**1.46**	
Benzo(a)pyrene	**ND**		**1.2**	
Benzo(b)fluoranthene	ND		**1.41**	
Benzo(k)fluoranthene	ND		**0.674**	
Chrysene	**0.55**		**1.58**	
Indeno(1,2,3-cd)pyrene	ND		**0.632**	
Total Metals	ug/L		ug/L	
Lead	**106**		**58.7**	
Manganese	**1,310**		**1,420**	
Dissolved Metals	ug/L		ug/L	
Lead	**34.5**		**13.8**	
Manganese	**1,670**		**384**	
Sodium	**81,300**		**11,800**	



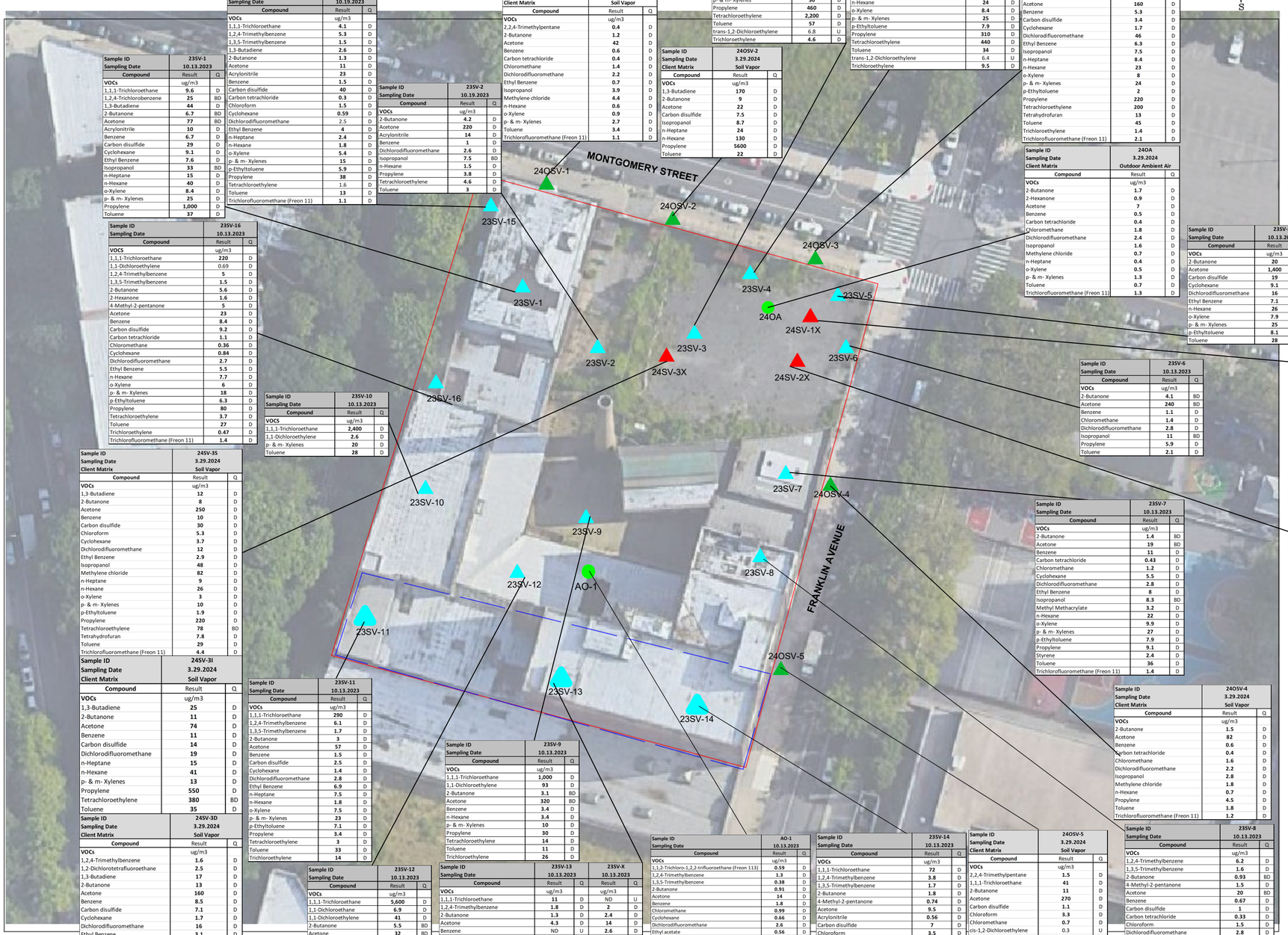
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Legend:
- Site Boundary
- Approximate Basement Footprint
- MW-X: Monitoring Well Location and Designated ID

Notes:
1. All locations are approximate
2. Base map is provided by Brussee Environmental Corp
3. Bold values are detected concentrations
4. Bold and highlighted values are concentrations above TOGS 1.1.1.
5. Q is the Qualifier Column with definitions as follows: D=result is from an analysis that required a dilution

Scale: 0 50 100

Figure No.	10
Figure Name:	Groundwater Results Exceedance Map
Report:	RIR
Date:	11/15/2023
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



Sample ID 23SV-1
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	9.6	D
1,2,4-Trichlorobenzene	25	BD
1,3-Butadiene	44	D
2-Butanone	6.7	BD
Acetone	77	BD
Acrylonitrile	10	D
Benzene	6.7	D
Carbon disulfide	29	D
Cyclohexane	9.1	D
Ethyl Benzene	7.6	D
Isopropanol	33	BD
n-Heptane	15	D
n-Hexane	40	D
o-Xylene	8.4	D
p- & m- Xylenes	25	D
Propylene	1,000	D
Toluene	37	D

Sample ID 23SV-15
Sampling Date 10.19.2023

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	4.1	D
1,2,4-Trimethylbenzene	5.3	D
1,3,5-Trimethylbenzene	1.5	D
1,3-Butadiene	2.6	D
2-Butanone	1.3	D
Acetone	11	D
Acrylonitrile	23	D
Benzene	1.5	D
Carbon disulfide	40	D
Carbon tetrachloride	0.3	D
Chloroform	1.5	D
Cyclohexane	0.59	D
Dichlorodifluoromethane	2.5	D
Ethyl Benzene	4	D
n-Heptane	2.4	D
n-Hexane	1.8	D
o-Xylene	5.4	D
p- & m- Xylenes	15	D
p-Ethyltoluene	5.9	D
Propylene	38	D
Tetrachloroethylene	1.6	D
Toluene	13	D
Trichlorofluoromethane (Freon 11)	1.1	D

Sample ID 23SV-2
Sampling Date 10.19.2023

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	4.2	D
Acetone	220	D
Acrylonitrile	14	D
Benzene	1	D
Dichlorodifluoromethane	2.6	D
Isopropanol	7.5	BD
n-Hexane	1.5	D
Propylene	3.8	D
Tetrachloroethylene	4.6	D
Toluene	3	D

Sample ID 23SV-16
Sampling Date 10.13.2023

Compound	Result	Q
VOCS	ug/m3	
1,1,1-Trichloroethane	220	D
1,1-Dichloroethylene	0.69	D
1,2,4-Trimethylbenzene	5	D
1,3,5-Trimethylbenzene	1.5	D
2-Butanone	5.6	D
2-Hexanone	1.6	D
4-Methyl-2-pentanone	5	D
Acetone	23	D
Benzene	8.4	D
Carbon disulfide	9.2	D
Carbon tetrachloride	1.1	D
Chloromethane	0.36	D
Cyclohexane	0.84	D
Dichlorodifluoromethane	2.7	D
Ethyl Benzene	5.5	D
n-Hexane	7.7	D
o-Xylene	6	D
p- & m- Xylenes	18	D
p-Ethyltoluene	6.3	D
Propylene	80	D
Tetrachloroethylene	3.7	D
Toluene	27	D
Trichloroethylene	0.47	D
Trichlorofluoromethane (Freon 11)	1.4	D

Sample ID 23SV-10
Sampling Date 10.13.2023

Compound	Result	Q
VOCS	ug/m3	
1,1,1-Trichloroethane	2,400	D
1,1-Dichloroethylene	2.6	D
p- & m- Xylenes	20	D
Toluene	28	D

Sample ID 24OSV-1
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
2,2,4-Trimethylpentane	0.4	D
2-Butanone	1.2	D
Acetone	42	D
Benzene	0.6	D
Carbon tetrachloride	0.4	D
Chloromethane	1.4	D
Dichlorodifluoromethane	2.2	D
Ethyl Benzene	0.7	D
Isopropanol	3.9	D
Methylene chloride	4.4	D
n-Hexane	0.6	D
o-Xylene	0.9	D
p- & m- Xylenes	2.7	D
Toluene	3.4	D
Trichlorofluoromethane (Freon 11)	1.1	D

Sample ID 24OSV-2
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
1,3-Butadiene	170	D
2-Butanone	9	D
Acetone	22	D
Carbon disulfide	7.5	D
Isopropanol	8.7	D
n-Heptane	24	D
n-Hexane	130	D
Propylene	5600	D
Toluene	22	D

Sample ID 23SV-3
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	15	BD
Acetone	1,400	BD
Benzene	30	D
Carbon disulfide	260	D
Cyclohexane	9.5	D
Dichlorodifluoromethane	14	D
Ethyl Benzene	10	D
n-Hexane	56	D
o-Xylene	9.7	D
p- & m- Xylenes	30	D
Propylene	460	D
Tetrachloroethylene	2,200	D
Toluene	57	D
trans-1,2-Dichloroethylene	6.8	U
Trichloroethylene	4.6	D

Sample ID 23SV-4
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,3-Butadiene	14	D
2-Butanone	15	BD
Acetone	1,100	BD
Benzene	8.7	D
Carbon disulfide	14	D
Dichlorodifluoromethane	74	D
Ethyl Benzene	7.7	D
Isopropanol	26	BD
n-Hexane	24	D
o-Xylene	8.4	D
p- & m- Xylenes	25	D
p-Ethyltoluene	7.9	D
Propylene	310	D
Tetrachloroethylene	440	D
Toluene	34	D
trans-1,2-Dichloroethylene	6.4	U
Trichloroethylene	9.5	D

Sample ID 24OSV-3
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
2,2,4-Trimethylpentane	3.5	D
1,1,1-Trichloroethane	12	D
1,2-Dichlorotetrafluoroethane	2.6	D
2-Butanone	15	D
2-Hexanone	3.1	U
n-Hexane	160	D
Benzene	5.3	D
Carbon disulfide	3.4	D
Cyclohexane	1.7	D
Dichlorodifluoromethane	46	D
Ethyl Benzene	6.3	D
Isopropanol	7.5	D
n-Heptane	8.4	D
n-Hexane	23	D
o-Xylene	8	D
p- & m- Xylenes	24	D
p-Ethyltoluene	2	D
Propylene	220	D
Tetrachloroethylene	200	D
Tetrahydrofuran	13	D
Toluene	45	D
Trichloroethylene	1.4	D
Trichlorofluoromethane (Freon 11)	2.1	D

Sample ID 24OA
Sampling Date 3.29.2024
Client Matrix Outdoor Ambient Air

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	1.7	D
2-Hexanone	0.9	D
Acetone	7	D
Benzene	0.5	D
Carbon tetrachloride	0.4	D
Chloromethane	1.8	D
Dichlorodifluoromethane	2.4	D
Isopropanol	1.6	D
Methylene chloride	0.7	D
n-Heptane	0.4	D
o-Xylene	0.5	D
p- & m- Xylenes	1.3	D
Toluene	0.7	D
Trichlorofluoromethane (Freon 11)	1.3	D

Sample ID 23SV-5
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	20	BD
Acetone	1,400	BD
Carbon disulfide	19	D
Cyclohexane	9.1	D
Dichlorodifluoromethane	16	D
Ethyl Benzene	7.1	D
n-Hexane	26	D
o-Xylene	7.9	D
p- & m- Xylenes	25	D
p-Ethyltoluene	8.1	D
Toluene	28	D

Sample ID 23SV-6
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	4.1	BD
Acetone	240	BD
Benzene	1.1	D
Chloromethane	1.4	D
Dichlorodifluoromethane	2.8	D
Isopropanol	11	BD
Propylene	5.9	D
Toluene	2.1	D

Sample ID 23SV-7
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	1.4	BD
Acetone	19	BD
Benzene	11	D
Carbon tetrachloride	0.43	D
Chloromethane	1.2	D
Cyclohexane	5.5	D
Dichlorodifluoromethane	2.8	D
Ethyl Benzene	8	D
Isopropanol	8.3	BD
Methyl Methacrylate	3.2	D
n-Hexane	22	D
o-Xylene	9.9	D
p- & m- Xylenes	27	D
p-Ethyltoluene	7.9	D
Propylene	9.1	D
Styrene	2.4	D
Toluene	36	D
Trichlorofluoromethane (Freon 11)	1.4	D

Sample ID 24SV-15
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
2,2,4-Trimethylpentane	4.6	D
2-Butanone	11	D
Acetone	280	D
Benzene	7.8	D
Carbon disulfide	30	D
cis-1,2-Dichloroethylene	2.6	D
n-Heptane	6.7	D
n-Hexane	18	D
Propylene	480	D
Tetrachloroethylene	17	D
Toluene	25	D

Sample ID 24SV-1I
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	1.4	D
Acetone	96	D
Benzene	0.7	D
Carbon tetrachloride	0.4	D
Chloromethane	0.6	D
Dichlorodifluoromethane	2.7	D
Isopropanol	1.6	D
Methylene chloride	2	D
n-Hexane	0.8	D
p- & m- Xylenes	1.7	D
Propylene	3	D
Tetrachloroethylene	1.2	D
Toluene	1.6	D
Trichlorofluoromethane (Freon 11)	1.4	D

Sample ID 24SV-1D
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	1.5	D
Acetone	110	D
Benzene	0.6	D
Carbon tetrachloride	0.4	D
Chloromethane	1.3	D
Dichlorodifluoromethane	2.7	D
Isopropanol	1.8	D
Methylene chloride	2.4	D
n-Hexane	0.7	D
p- & m- Xylenes	1.8	D
Propylene	4.6	D
Toluene	1.8	D
Trichlorofluoromethane (Freon 11)	1.3	D

Sample ID 24SV-2S
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	1.1	D
Acetone	25	D
Benzene	0.6	D
Carbon tetrachloride	0.4	D
Chloromethane	1.4	D
cis-1,2-Dichloroethylene	0.2	U
Dichlorodifluoromethane	2.6	D
Ethyl Benzene	0.8	U
Isopropanol	0.9	D
o-Xylene	0.8	U
p- & m- Xylenes	1.5	U
p-Ethyltoluene	0.9	U
Propylene	2.3	D
Tetrachloroethylene	1.2	U
Toluene	1.4	D
Trichloroethylene	0.2	U
Trichlorofluoromethane (Freon 11)	1.3	D

Sample ID 24SV-2X
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	0.9	D
2-Butanone	17	D
Acetone	0.9	D
Benzene	0.4	D
Carbon tetrachloride	0.4	D
Chloromethane	1.2	D
cis-1,2-Dichloroethylene	0.9	D
Dichlorodifluoromethane	2	D
Ethyl Benzene	3	D
Isopropanol	0.7	U
o-Xylene	1.4	D
p- & m- Xylenes	3.6	D
p-Ethyltoluene	1.9	D
Propylene	0.3	U
Tetrachloroethylene	190	BD
Toluene	3.2	D
Trichloroethylene	5.6	BD
Trichlorofluoromethane (Freon 11)	1	D

Sample ID 24SV-2I
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	34	D
2-Butanone	9	D
Acetone	350	D
cis-1,2-Dichloroethylene	110	D
Dichlorodifluoromethane	36	D
Ethyl Benzene	10	D
n-Heptane	6.6	D
n-Hexane	14	D
p- & m- Xylenes	16	D
Propylene	9.4	D
Tetrachloroethylene	23000	BD
Toluene	24	D
Trichloroethylene	680	D

Sample ID 24SV-2D
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	38	D
1,2,4-Trimethylbenzene	37	D
1,3,5-Trimethylbenzene	34	D
2-Butanone	16	D
Acetone	1000	D
Benzene	160	D
Carbon disulfide	7.4	D
Carbon tetrachloride	7	D
Chloroform	7.8	D
cis-1,2-Dichloroethylene	530	D
Cyclohexane	6.6	D
Dichlorodifluoromethane	39	D
Ethyl Benzene	560	D
n-Heptane	22	D
n-Hexane	10	D
o-Xylene	190	D
p- & m- Xylenes	410	D
p-Ethyltoluene	240	D
Propylene	11	D
Styrene	22	D
Tetrachloroethylene	26000	BD
Toluene	650	D
trans-1,2-Dichloroethylene	18	D
Trichloroethylene	2100	D
Vinyl Chloride	6.5	D

Sample ID 24SV-3S
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
1,3-Butadiene	12	D
2-Butanone	8	D
Acetone	250	D
Benzene	10	D
Carbon disulfide	30	D
Chloroform	5.3	D
Cyclohexane	3.7	D
Dichlorodifluoromethane	12	D
Ethyl Benzene	2.9	D
Isopropanol	48	D
Methylene chloride	82	D
n-Heptane	9	D
n-Hexane	26	D
o-Xylene	3	D
p- & m- Xylenes	10	D
p-Ethyltoluene	1.9	D
Propylene	220	D
Tetrachloroethylene	78	BD
Tetrahydrofuran	7.8	D
Toluene	29	D
Trichlorofluoromethane (Freon 11)	4.4	D

Sample ID 24SV-3I
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
1,3-Butadiene	25	D
2-Butanone	11	D
Acetone	74	D
Benzene	11	D
Carbon disulfide	14	D
Dichlorodifluoromethane	19	D
n-Heptane	15	D
n-Hexane	41	D
p- & m- Xylenes	13	D
Propylene	550	D
Tetrachloroethylene	380	BD
Toluene	35	D

Sample ID 24SV-3D
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
1,2,4-Trimethylbenzene	1.6	D
1,2-Dichlorotetrafluoroethane	2.5	D
1,3-Butadiene	17	D
2-Butanone	13	D
Acetone	160	D
Benzene	8.5	D
Carbon disulfide	7.1	D
Cyclohexane	1.7	D
Dichlorodifluoromethane	16	D
Ethyl Benzene	3.1	D
Isopropanol	29	D
Methylene chloride	2.8	D
n-Heptane	11	D
n-Hexane	37	D
o-Xylene	3.1	D
p- & m- Xylenes	10	D
p-Ethyltoluene	2.1	D
Propylene	270	D
Tetrachloroethylene	130	BD
Tetrahydrofuran	7.5	D
Toluene	32	D
Trichlorofluoromethane (Freon 11)	4.5	D

Sample ID 23SV-11
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	290	D
1,2,4-Trimethylbenzene	6.1	D
1,3,5-Trimethylbenzene	3	D
2-Butanone	57	D
Acetone	1.5	D
Benzene	2.5	D
Carbon disulfide	1.4	D
Cyclohexane	2.8	D
Dichlorodifluoromethane	6.9	D
Ethyl Benzene	7.5	D
n-Heptane	1.8	D
n-Hexane	7.5	D
o-Xylene	23	D
p- & m- Xylenes	7.1	D
p-Ethyltoluene	3.4	D
Propylene	3	D
Tetrachloroethylene	33	D
Toluene	14	D
Trichloroethylene		

Sample ID 23SV-9
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	1,000	D
1,1-Dichloroethylene	93	D
2-Butanone	320	BD
Benzene	3.4	D
n-Hexane	3.4	D
p- & m- Xylenes	10	D
Propylene	30	D
Tetrachloroethylene	14	D
Toluene	11	D
Trichloroethylene	26	D

Sample ID 23SV-12
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	5,600	D
1,1-Dichloroethane	6.9	D
1,1-Dichloroethylene	41	D
2-Butanone	5.5	BD
Acetone	32	BD
Benzene	5	D
Carbon disulfide	6.3	D
Chloroform	7.6	D
Ethyl Benzene	6.7	D
Isopropanol	25	BD
o-Xylene	7.4	D
p- & m- Xylenes	22	D
Propylene	26	D
Toluene	27	D
Trichloroethylene	21	D

Sample ID 23SV-13
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	11	D
1,2,4-Trimethylbenzene	1.8	D
2-Butanone	1.3	D
Acetone	4.3	D
Benzene	ND	U
Carbon disulfide	3.9	D
Carbon tetrachloride	0.31	D
Chloroform	1.1	D
Chloromethane	0.4	D
Dichlorodifluoromethane	3.6	D
Isopropanol	ND	U
n-Hexane	ND	U
o-Xylene	ND	U
p- & m- Xylenes	ND	U
Tetrachloroethylene	23	D
Toluene	1	D
Trichloroethylene	14	D
Trichlorofluoromethane (Freon 11)	1.3	D

Sample ID 23SV-X
Sampling Date 10.13.2023

Compound	Result	Q
	ug/m3	
1,1,1-Trichloroethane	ND	U
1,2,4-Trimethylbenzene	2	D
2-Butanone	14	D
Acetone	2.6	D
Benzene	ND	U
Carbon disulfide	ND	U
Chloroform	ND	U
Chloromethane	2.7	D
Ethyl Benzene	ND	U
Isopropanol	8.7	BD
n-Hexane	3.9	D
o-Xylene	1.8	D
p- & m- Xylenes	4.6	D
Tetrachloroethylene	ND	U
Toluene	6.5	D
Trichloroethylene	ND	U
Trichlorofluoromethane (Freon 11)	ND	U

Sample ID AO-1
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.59	D
1,2,4-Trimethylbenzene	1.3	D
1,3,5-Trimethylbenzene	0.38	D
2-Butanone	0.91	D
Acetone	14	D
Benzene	1.8	D
Chloromethane	0.99	D
Cyclohexane	0.66	D
Dichlorodifluoromethane	2.6	D
Ethyl acetate	0.56	D
Ethyl Benzene	1	D
Isopropanol	5.4	BD
Methyl Methacrylate	0.57	D
Methylene chloride	0.54	D
n-Hexane	8.2	D
o-Xylene	1.3	D
p- & m- Xylenes	3.3	D
p-Ethyltoluene	1.1	D
Tetrachloroethylene	0.52	D
Toluene	4.2	D
Trichlorofluoromethane (Freon 11)	1.3	D

Sample ID 23SV-14
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,1,1-Trichloroethane	72	D
1,2,4-Trimethylbenzene	3.8	D
1,3,5-Trimethylbenzene	1.7	D
2-Butanone	1.8	D
4-Methyl-2-pentanone	0.74	D
Acetone	9.5	D
Acrylonitrile	0.56	D
Carbon disulfide	7	D
Chloroform	3.5	D
Chloromethane	0.5	D
Dichlorodifluoromethane	11	D
Ethyl Benzene	0.79	D
Hexachlorobutadiene	1.6	U
o-Xylene	4.2	D
p- & m- Xylenes	4.3	D
p-Ethyltoluene	2.6	D
Propylene	0.26	U
Tetrachloroethylene	10	D
Toluene	1.4	D
Trichloroethylene	0.33	D
Trichlorofluoromethane (Freon 11)	1.4	D

Sample ID 24OSV-5
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
2,2,4-Trimethylpentane	1.5	D
1,1,1-Trichloroethane	41	D
2-Butanone	11	D
Acetone	270	D
Carbon disulfide	1.1	D
Chloroform	3.3	D
Chloromethane	0.7	D
cis-1,2-Dichloroethylene	0.3	U
Dichlorodifluoromethane	2.5	D
Ethyl Benzene	2.8	D
Isopropanol	14	D
Methylene chloride	13	D
n-Heptane	2.4	D
n-Hexane	5.3	D
o-Xylene	3	D
p- & m- Xylenes	10	D
p-Ethyltoluene	2	D
Propylene	6.2	D
Tetrachloroethylene	76	D
Tetrahydrofuran	5.4	D
Toluene	22	D
Trichloroethylene	4.1	D

Sample ID 24OSV-4
Sampling Date 3.29.2024
Client Matrix Soil Vapor

Compound	Result	Q
VOCs	ug/m3	
2-Butanone	1.5	D
Acetone	82	D
Benzene	0.6	D
Carbon tetrachloride	0.4	D
Chloromethane	1.6	D
Dichlorodifluoromethane	2.2	D
Isopropanol	2.8	D
Methylene chloride	1.8	D
n-Hexane	0.7	D
Propylene	4.5	D
Toluene	1.8	D
Trichlorofluoromethane (Freon 11)	1.2	D

Sample ID 23SV-8
Sampling Date 10.13.2023

Compound	Result	Q
VOCs	ug/m3	
1,2,4-Trimethylbenzene	6.2	D
1,3,5-Trimethylbenzene	1.6	D
2-Butanone	0.93	BD
4-Methyl-2-pentanone	1.5	D
Acetone	20	BD
Benzene	0.67	D
Carbon disulfide	1	D
Carbon tetrachloride	0.33	D
Chloroform	1.5	D
Dichlorodifluoromethane	2.8	D
Ethyl Benzene	4.4	D
Isopropanol	2.6	BD
n-Heptane	3.1	D
n-Hexane	0.68	D
o-Xylene	5.5	D
p- & m- Xylenes	17	D
p-Ethyltoluene	7.3	D
Propylene	0.82	D
Tetrachloroethylene	10	D
Toluene	17	D
Trichloroethylene	0.47	D
Trichlorofluoromethane (Freon 11)	1.4	D

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www.vektorconsultants.com

Legend:

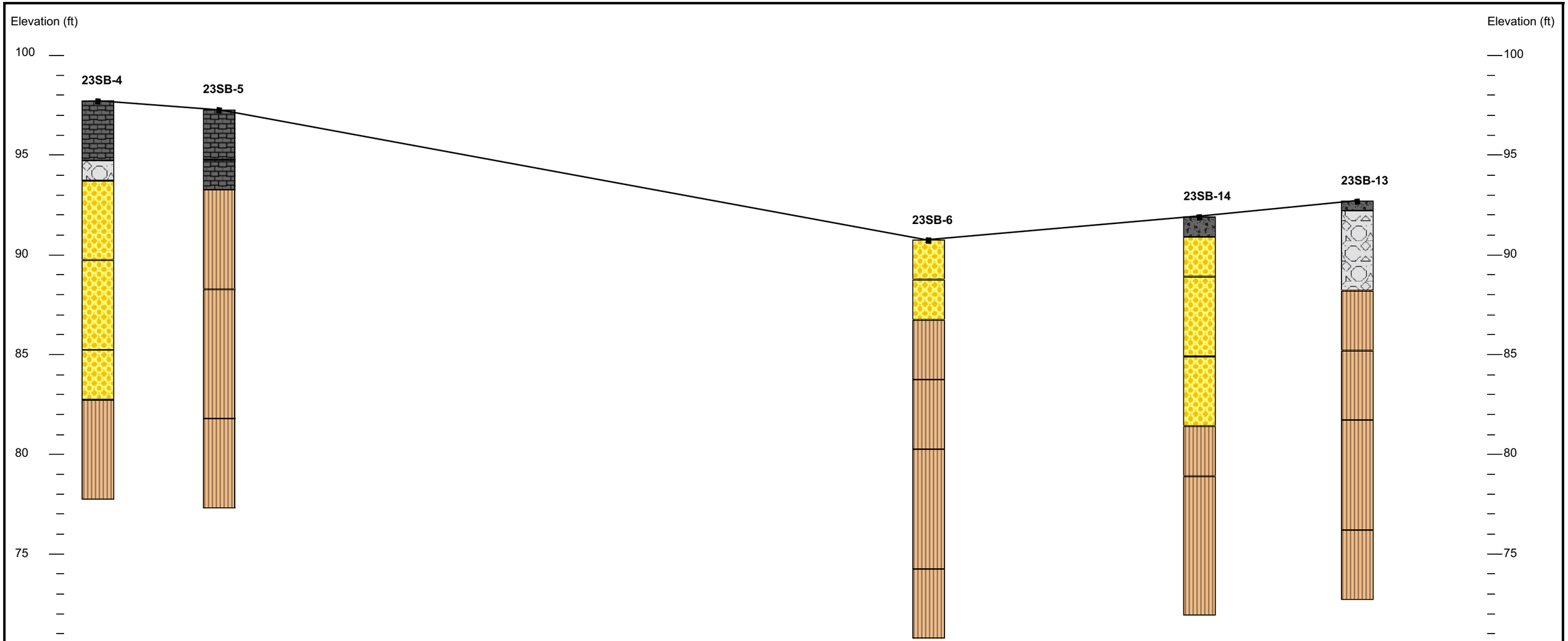
- Site Boundary
- 23SV-X — Prior Soil Vapor Location and Designated ID from 2023 RI
- 24SV-1X — Soil Vapor Location and Designated ID (S - 5' below grade) (I - 8' below grade) (D - 12' below grade)
- 24OSV-X — Off-site Soil Vapor Location and Designated ID (@ 12' below grade)
- 24OA — Ambient Air Outdoor Location

Notes:

1. All locations are approximate
2. Base map is provided by Google Maps
3. Former SV Locations map is provided by Brussee Environmental Corp.
4. All results are reported in micrograms per cubic meter
5. Q is the Qualifier Column with definitions as follows: D=result is from an analysis that required a dilution B=analyte detected in laboratory blank

Scale: 0 — 50 — 100

Figure No.	11
Figure Name:	Soil Vapor Analytical Results
Report:	RIR
Date:	04/11/2024
Drawn By:	KB
Site Address:	960 Franklin Avenue Brooklyn, New York



SECTION A-A' (FACING FRANKLIN AVENUE)

Distance (ft)

20 | 114 | 44 | 25

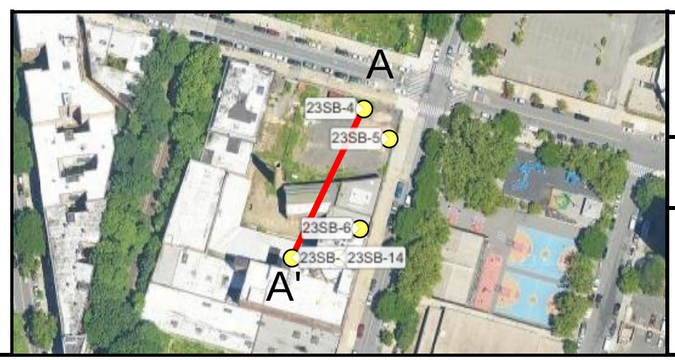
Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- ASPHALT
- FILL
- Poorly graded SAND (SP)
- SILT (ML)
- CONCRETE

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

Built with Google Maps



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Figure 12 - Subsurface Cross-Section A-A'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York

Elevation (ft)

100
95
90
85
80
75

23SB-1
23SB-3
23SB-2
23SB-8
23SB-7
23SB-10
23SB-9
23SB-12
23SB-11

SECTION B-B' (FACING FRANKLIN AVENUE)

Distance (ft)

8 | 59 | 32 | 32 | 4 | 8 | 27 | 19

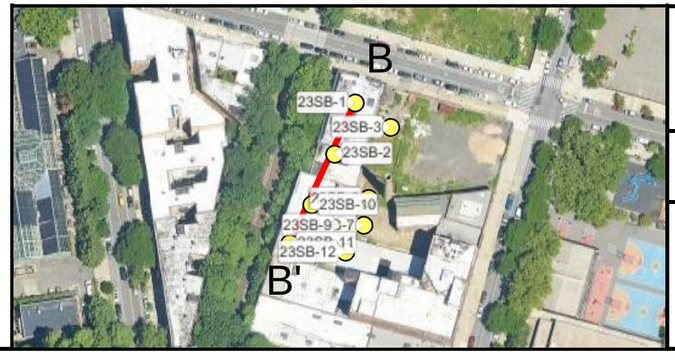
Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- CONCRETE
- Poorly graded SAND (SP)
- Well-graded SAND (SW)
- SILT (ML)
- Poorly graded GRAVEL (GP)
- FILL

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

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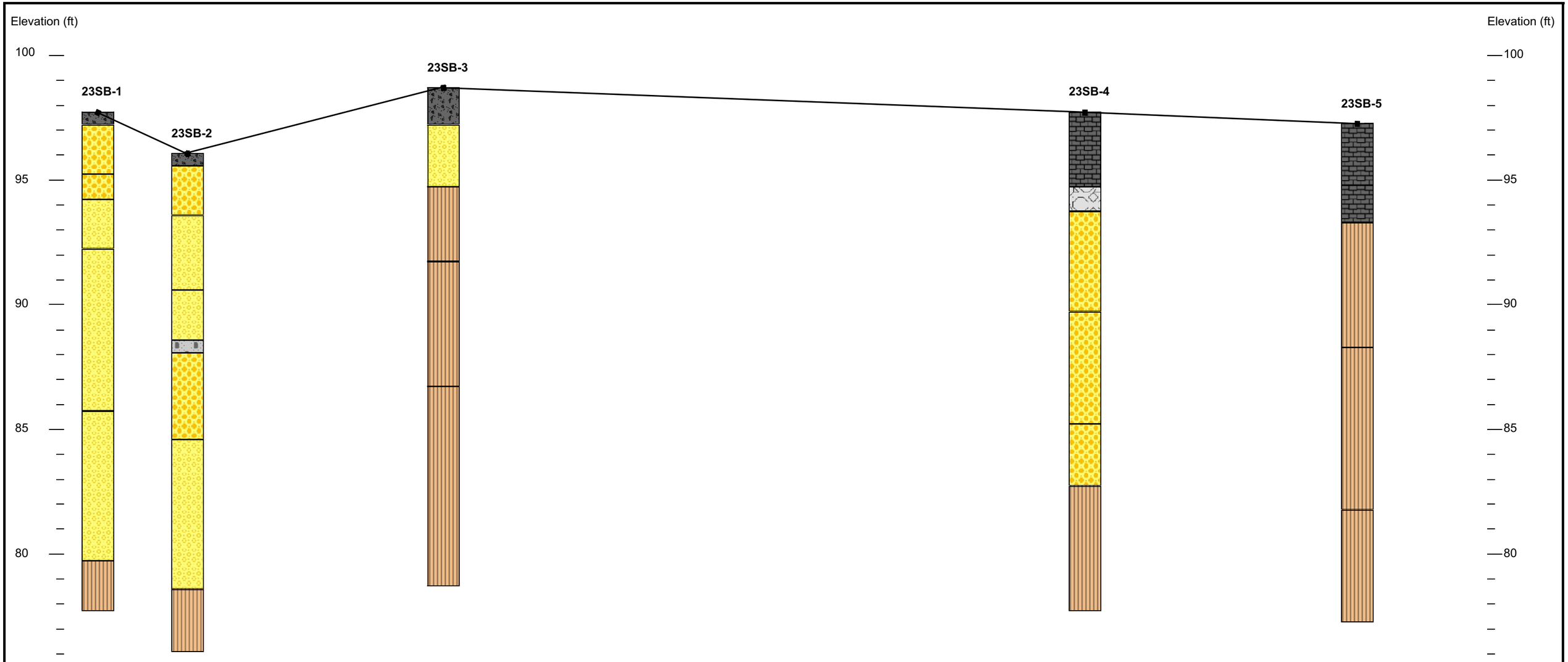
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Figure 13 - Subsurface Cross-Section B-B'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York



SECTION C-C' (FACING MONTGOMERY STREET)

Distance (ft)

4 | 47 | 95 | 40

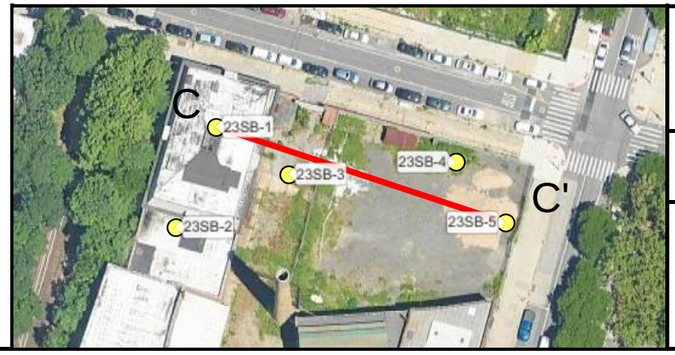
Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- CONCRETE
- Poorly graded SAND (SP)
- Well-graded SAND (SW)
- SILT (ML)
- Poorly graded GRAVEL (GP)
- ASPHALT
- FILL

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

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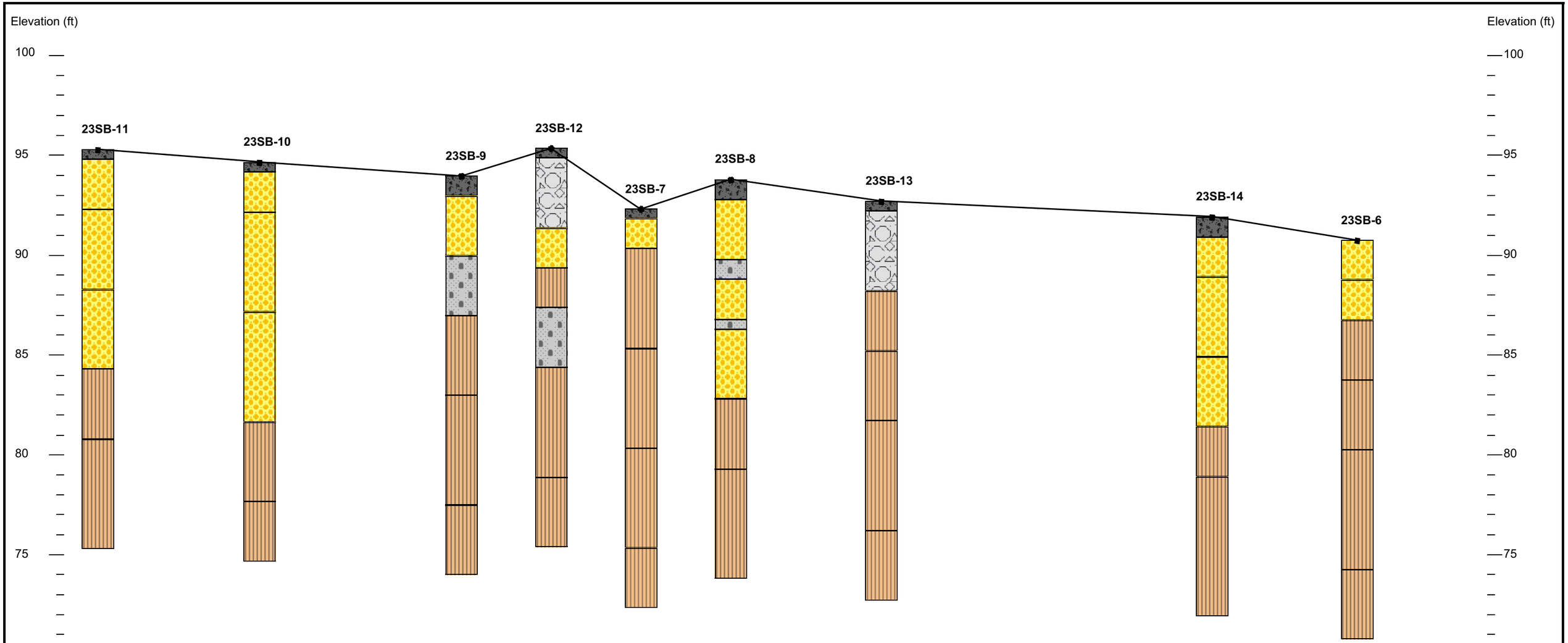
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Figure 14 - Subsurface Cross-Section C-C'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York



SECTION D-D' (FACING MONTGOMERY STREET)

Distance (ft)

28 | 36 | 5 | 23 | 6 | 40 | 58 | 25

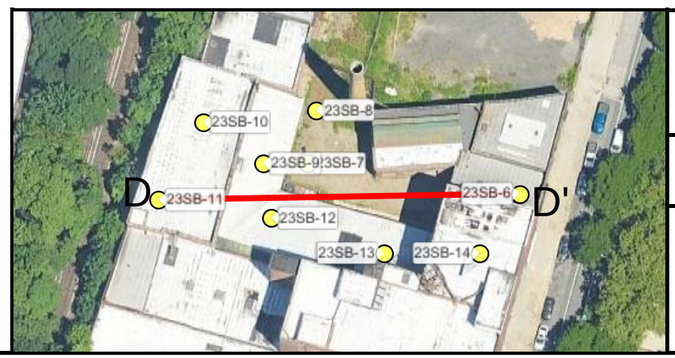
Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- CONCRETE
- Poorly graded SAND (SP)
- SILT (ML)
- Poorly graded GRAVEL (GP)
- FILL

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

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Figure 15 - Subsurface Cross-Section D-D'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York

Elevation (ft)

100
95
90
85
80
75

24SB-2
24SB-7
24SB-10
SB-17N3
SB-17W3

Distance (ft)

35
67
86
10

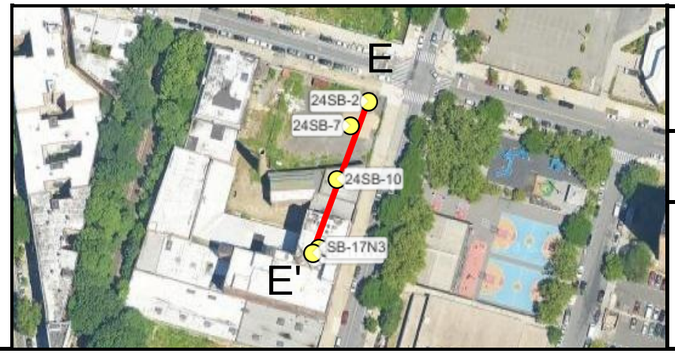
Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- FILL
- Poorly graded SAND (SP)
- SILT (ML)
- CONCRETE

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

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Figure 16 - Subsurface Cross-Section E-E'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York

Elevation (ft)

100
95
90
85
80
75

24SB-6
24SB-8
24SB-10
24SB-5

Distance (ft)

26
64
93

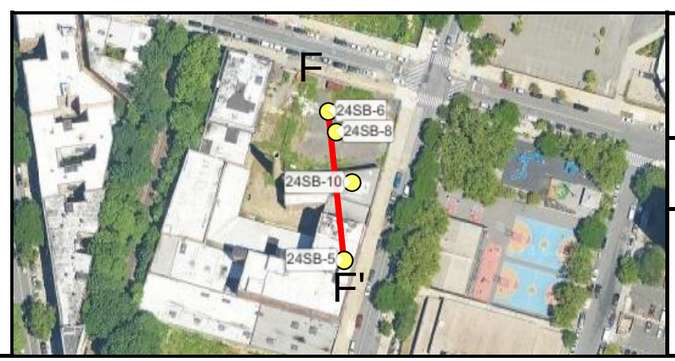
Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- FILL
- Poorly graded SAND (SP)
- CONCRETE
- SILT (ML)

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

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Figure 17 - Subsurface Cross-Section F-F'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York

Elevation (ft)

Elevation (ft)

100

95

90

85

80

24SB-6

24SB-11

24SB-9

24SB-3

24SB-4

Distance (ft)

26

33

52

112

Horizontal scale: 5 feet

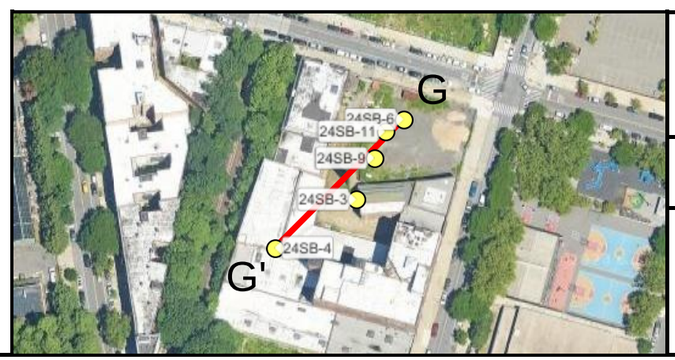
Vertical scale: 5 feet

Legend

- FILL
- Poorly graded SAND (SP)
- CONCRETE
- SILT (ML)

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

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Figure 18 - Subsurface Cross-Section G-G'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York

Elevation (ft)

100

95

90

85

80

24SB-1

24SB-4

Distance (ft)

170

Elevation (ft)

100

95

90

85

80

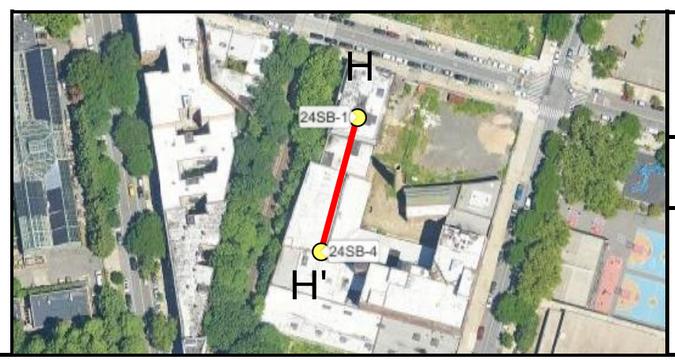
Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- FILL
- Poorly graded SAND (SP)
- SILT (ML)

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

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Figure 19 - Subsurface Cross-Section H-H'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York

Elevation (ft)

100
95
90
85
80
75

24SB-4
SB-17W3
SB-17E3
24SB-5

Distance (ft)

156
11
11

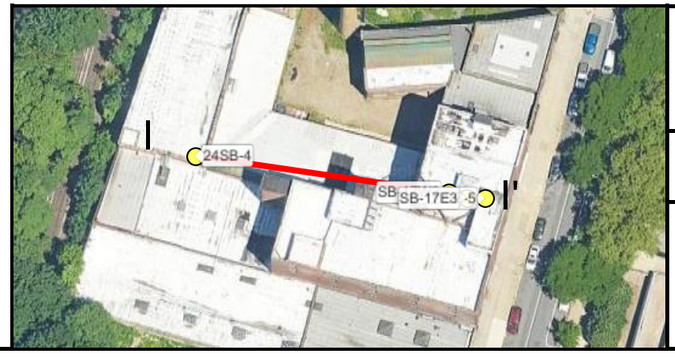
Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

FILL
Poorly graded SAND (SP)
SILT (ML)

Water Level During Drilling
Water Level at End of Drilling
Cap
Screen
Annular Seal
Sanitary Seal
Filter Pack
Backfill

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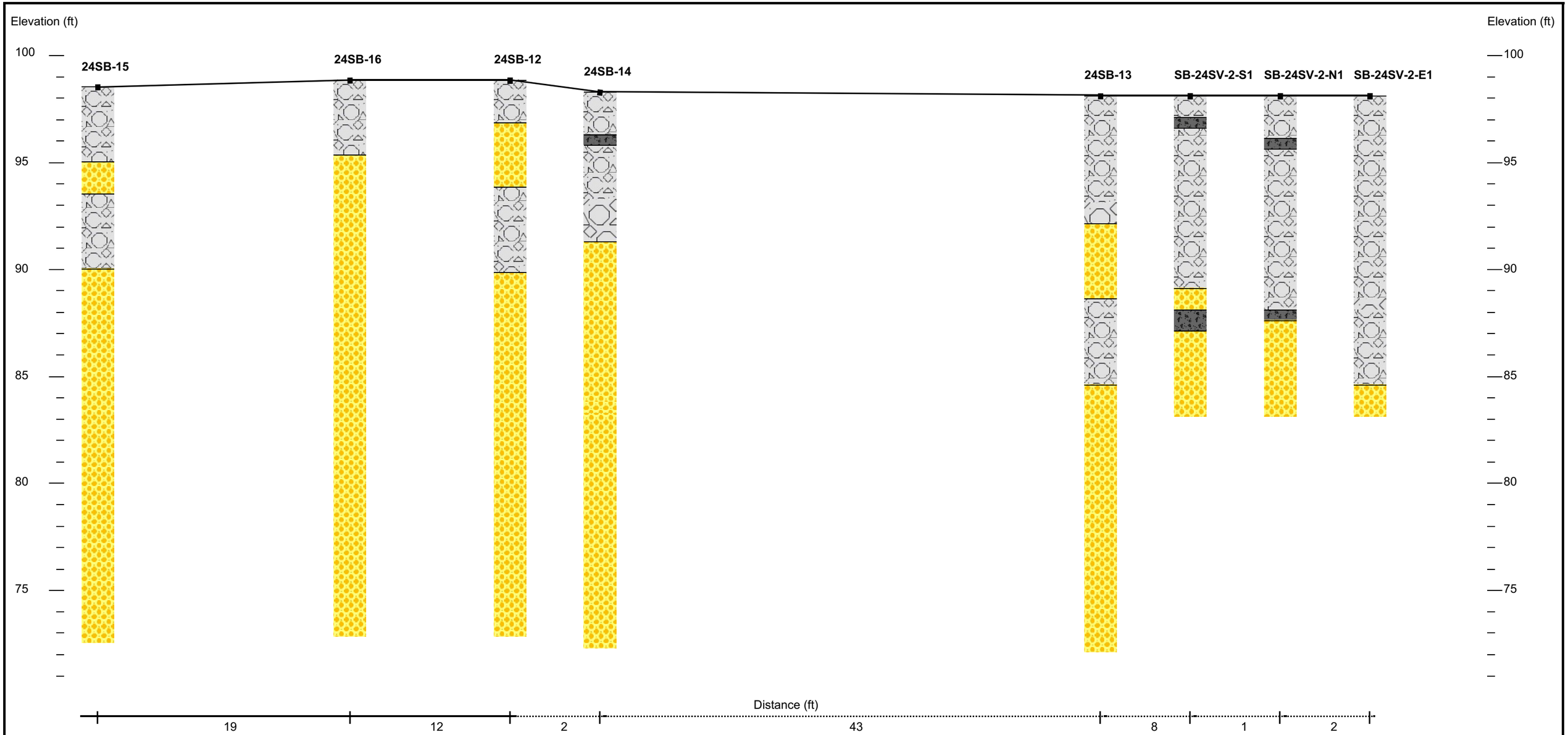
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Figure 20 - Subsurface Cross-Section I-I'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York



Horizontal scale: 5 feet
Vertical scale: 5 feet

Legend

- FILL
- Poorly graded SAND (SP)
- CONCRETE

- Water Level During Drilling
- Water Level at End of Drilling
- Cap
- Screen
- Annular Seal
- Sanitary Seal
- Filter Pack
- Backfill

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Figure 21 - Subsurface Cross-Section J-J'

GEOLOGIC CROSS SECTION

960 Franklin LLC
Consumer Park Brewery Site

960 Franklin Avenue
Brooklyn, New York

TABLES

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
960 Franklin Avenue, Brooklyn, New York

Installation Date	Soil Boring ID	Soil Sample ID	Total Depth from Grade (feet)
10/11/2023	23SB-1	23SB-1 (0-2')	20
		23SB-1 (4-6')	
		23SB-1 (6-8')	
10/11/2023	23SB-2	23SB-2 (0-2')	20
		23SB-2 (4-6')	
		23SB-2 (6-8')	
9/28/2023	23SB-3	23SB-3 (0-2")	20
		23SB-3 (1-3')	
		23SB-3 (3-5')	
9/1/2023	23SB-4	23SB-4 (0-2")	20
		23SB-4 (1-3')	
		23SB-4 (4-6')	
9/1/2023	23SB-5	23SB-5 (0-2")	20
		23SB-5 (2-4')	
		23SB-5 (4-6')	
9/1/2023	23SB-6	23SB-6 (0-2')	20
		23SB-6 (2-4')	
		23SB-6 (4-6')	
9/28/2023	23SB-7	23SB-7 (0-2")	20
		23SB-7 (1-3')	
		23SB-7 (4-6')	
9/28/2023	23SB-8	23SB-8 (0-2")	20
		23SB-8 (1-3')	
		23SB-8 (3-5')	
10/11/2023	23SB-9	23SB-9 (0-2')	20
		23SB-9 (4-6')	
		23SB-9 (6-8')	
10/11/2023	23SB-10	23SB-10 (0-2')	20
		23SB-10 (4-6')	
		23SB-10 (6-8')	
10/11/2023	23SB-11	23SB-11 (0-2')	20
		23SB-11 (4-6')	
		23SB-11 (6-8')	
10/10/2023	23SB-12	23SB-12 (0-2')	20
		23SB-12 (4-6')	
		23SB-12 (6-8')	
10/10/2023	23SB-13	23SB-13 (0-2')	20
		23SB-13 (4-6')	
		23SB-13 (6-8')	
9/1/2023	23SB-14	23SB-14 (0-2')	20
		23SB-14 (2-4')	
		23SB-14 (6-8')	
3/19/2024	24SB-1	24SB-1 (6-8')	20
		24SB-1 (18-20')	
3/19/2024	24SB-2	24SB-2 (6-8')	20
		24SB-2 (18-20')	
3/22/2024	24SB-3	24SB-3 (6-8')	20
		24SB-3 (16-18')	
3/21/2024	24SB-4	24SB-4 (6-8')	20
		24SB-4 (16-18')	
3/21/2024	24SB-5	24SB-5 (6-8')	20
		24SB-5 (14-16')	
3/20/2024	24SB-6	24SB-6 (0-2')	20
		24SB-6 (4-6')	
		24SB-6 (6-8')	
		24SB-6 (12-14')	
		24SB-6 (14-16')	
3/20/2024	24SB-7	24SB-7 (0-2')	20
		24SB-7 (4-6')	
		24SB-7 (6-8')	
		24SB-7 (12-14')	
3/20/2024	24SB-8	24SB-8 (0-2')	20
		24SB-8 (4-6')	
		24SB-8 (6-8')	
		24SB-8 (12-14')	
		24SB-8 (14-16')	
3/21/2024	24SB-9	24SB-9 (0-2')	20
		24SB-9 (4-6')	
		24SB-9 (6-8')	
		24SB-9 (12-14')	
		24SB-9 (14-16')	
3/22/2024	24SB-10	24SB-10 (5-7')	20
		24SB-10 (9-11')	
		24SB-10 (11-13')	
		24SB-10 (17-19')	
		24SB-10 (19-21')	
3/20/2024	24SB-11	24SB-11 (0-2')	20
		24SB-11 (4-6')	
		24SB-11 (6-8')	
		24SB-11 (12-14')	
		24SB-11 (14-16')	
4/22/2024	24SB-12	24SB-12 (0-2')	26
		24SB-12 (4-6')	
		24SB-12 (6-8')	
		24SB-12 (12-14')	
		24SB-12 (14'-16')	
4/22/2024	24SB-13	24SB-13 (0-2')	26
		24SB-13 (4-6')	
		24SB-13 (6-8')	
		24SB-13 (12-14')	
		24SB-13 (14'-16')	
4/22/2024	24SB-14	24SB-14 (0-2')	26
		24SB-14 (4-6')	
		24SB-14 (6-8')	
		24SB-14 (12-14')	
		24SB-14 (14'-16')	
4/22/2024	24SB-15	24SB-15 (0-2')	26
		24SB-15 (4-6')	
		24SB-15 (6-8')	
		24SB-15 (12-14')	
		24SB-15 (14'-16')	
4/22/2024	24SB-16	24SB-16 (0-2')	26
		24SB-16 (4-6')	
		24SB-16 (6-8')	
		24SB-16 (12-14')	
4/22/2024	SB-24SV-2-N1	SB-24SV-2-N1 (8-10')	15
		SB-24SV-2-N1 (10-12')	
		SB-24SV-2-N1 (12-14')	
4/22/2024	SB-24SV-2-E1	SB-24SV-2-E1 (8-10')	15
		SB-24SV-2-E1 (10-12')	
		SB-24SV-2-E1 (12-14')	
4/22/2024	SB-24SV-2-S1	SB-24SV-2-S1 (8-10')	15
		SB-24SV-2-S1 (10-12')	
		SB-24SV-2-S1 (12-14')	

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
261 Grand Concourse, Bronx, New York

Installation Date	Mercury Delineation Soil Boring ID	Mercury Delineation Soil Sample ID	Total Depth from Grade (feet)
8/30/2023	SB-17X	SB-17X (0-2')	8
		SB-17X (2-4')	
		SB-17X (4-6')	
		SB-17X (6-8')	
9/21/2023	SB-17N1	SB-17N1 (0-2')	8
		SB-17N1 (2-4')	
		SB-17N1 (4-6')	
		SB-17N1 (6-8')	
9/21/2023	SB-17N2	SB-17N2 (0-2')	6
		SB-17N2 (2-4')	
		SB-17N2 (4-6')	
8/30/2023	SB-17E1	SB-17E1 (0-2')	8
		SB-17E1 (2-4')	
		SB-17E1 (4-6')	
		SB-17E1 (6-8')	
9/1/2023	SB-17E2	SB-17E2 (0-2')	6
		SB-17E2 (2-4')	
		SB-17E2 (4-6')	
8/30/2023	SB-17S1	SB-17S1 (0-2')	6
		SB-17S1 (2-4')	
		SB-17S1 (4-6')	
8/31/2023	SB-17S2	SB-17S2 (0-2')	10
		SB-17S2 (2-4')	
		SB-17S2 (4-6')	
		SB-17S2 (6-8')	
9/21/2023		SB-17S2 (8-10')	
9/21/2023	SB-17S3	SB-17S3 (0-2')	6
		SB-17S3 (2-4')	
		SB-17S3 (4-6')	
8/30/2023	SB-17W1	SB-17W1 (0-2')	6
		SB-17W1 (2-4')	
		SB-17W1 (4-6')	
8/31/2023	SB-17W2	SB-17W2 (0-2')	6
		SB-17W2 (2-4')	
		SB-17W2 (4-6')	
3/22/2024	SB-17N3*	SB-17N3 (12-14')	18
		SB-17N3 (14-16')	
		SB-17N3 (16-18')	
3/22/2024	SB-17W3*	SB-17W3 (12-14')	18
		SB-17W3 (14-16')	
		SB-17W3 (16-18')	
3/22/2024	SB-17E3*	SB-17E3 (12-14')	18
		SB-17E3 (14-16')	
		SB-17E3 (16-18')	

Note
* - Former Basement Slab Noted at 12 Feet Below Surface Grade
12-14' is equivalent to 0-2' feet below former Basement Slab
14-16' is equivalent to 2-4' feet below former Basement Slab
16-18' is equivalent to 4-6' feet below former Basement Slab

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
261 Grand Concourse, Bronx, New York

Installation Date	Monitoring Well ID	Total Depth from Grade (ft)	Depth to Water from TOC (ft)	Top of the Casing (TOC) Elevation	Ground Elevation	Groundwater Elevation	Coordinates	
9/28/2023	MW-1	91.25	88.53	99.32	99.57	10.79	40°39'58.49"N	-73°57'36.85"W
10/18/2023	MW-2	89.13	86.51	96.14	95.22	9.63	40°39'56.99"N	-73°57'38.56"W
9/27/2023	MW-3	94.05	87.11	97.71	97.68	10.6	40°39'57.62"N	-73°57'36.13"W
9/26/2023	MW-4	90.08	87.89	98.21	97.87	10.32	40°39'58.23"N	-73°57'35.52"W
9/12/2023	MW-5	91.82	78.04	99.27	96.12	21.23	40°39'56.43"N	-73°57'36.38"W
9/27/2023	MW-6	90.43	86.14	96.77	95.65	10.63	40°39'56.22"N	-73°57'37.86"W
3/20/2024	MW-7	96.14	86.42	98.43	98.09	12.01	40°39'57.96"N	-73°57'35.60"W
3/26/2024	MW-8	95.59	85.25	97.47	97.08	12.22	40°39'57.74"N	-73°57'37.80"W
3/25/2024	MW-9	96.89	82.02	95.07	93.08	13.05	40°39'56.16"N	-73°57'36.36"W

Note: Elevations in NAVD88

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
261 Grand Concourse, Bronx, New York

Installation Date	Soil Vapor Point	Total Depth from Grade (feet)
10/11/2023	23SV-1	12
10/11/2023	23SV-2	12
10/11/2023	23SV-3	12
10/11/2023	23SV-4	12
10/11/2023	23SV-5	12
10/11/2023	23SV-6	12
10/11/2023	23SV-7	12
10/11/2023	23SV-8	12
10/11/2023	23SV-9	12
10/11/2023	23SV-10	12
10/11/2023	23SV-11	12*
10/11/2023	23SV-12	12
9/1/2023	23SV-13	4
9/1/2023	23SV-14	4
10/11/2023	23SV-15	12
10/11/2023	23SV-16	12
9/1/2023	23SV-X**	4
3/28/2024	24SV-1S	5
3/28/2024	24SV-1I	8
3/28/2024	24SV-1D	12
3/28/2024	24SV-2S	5
3/28/2024	24SV-2I	8
3/28/2024	24SV-2D	12
3/28/2024	24SV-3S	5
3/28/2024	24SV-3I	8
3/28/2024	24SV-3D	12
3/28/2024	24SV-X***	5
3/28/2024	24OSV-1	12
3/28/2024	24OSV-2	12
3/28/2024	24OSV-3	12
3/28/2024	24OSV-4	12
3/28/2024	24OSV-5	12

Notes:
*** - Orginally proposed for 4 feet below grade as it was assumed this location was to be installed in a cellar. No cellar present in the proposed area of 23SV-11**
**** - Duplicate sample location drilled immediately adjacent to 23SV-13**
***** - Duplicate sample location drilled immediately adjacent to 24SV-2S**

Table 2
Soil Vapor Log
960 Franklin Avenue, Brooklyn, NY

Sample Date	Sample ID	Canister ID	Flow Controller ID	Canister Pressure in Field ('Hg')	Canister Pressure in Field ('Hg') Stop	Start Sampling Time	Start Sampling Date	Stop Sampling Time	Stop Sampling Date
10/13/2023	23SV-1	43003	6877	-30	-8	6:44 AM	10/13/2023	2:44 PM	10/13/2023
10/13/2023	23SV-2	42997	Y-28	-30	-30	6:42 AM	10/13/2023	2:42 PM	10/13/2023
10/13/2023	23SV-3	36995	7422	-30	-8	6:42 AM	10/13/2023	2:42 PM	10/13/2023
10/13/2023	23SV-4	28856	16420	-30	-5	6:41 AM	10/13/2023	2:41 PM	10/13/2023
10/13/2023	23SV-5	18303	13563	-30	-6	6:41 AM	10/13/2023	2:41 PM	10/13/2023
10/13/2023	23SV-6	34502	5606	-30	-5	6:40 AM	10/13/2023	2:40 PM	10/13/2023
10/13/2023	23SV-7	17350	16415	-30	-7	6:51 AM	10/13/2023	2:51 PM	10/13/2023
10/13/2023	23SV-8	28305	17985	-30	-7	6:50 AM	10/13/2023	2:50 PM	10/13/2023
10/13/2023	23SV-9	10741	17203	-30	-16	6:49 AM	10/13/2023	2:49 AM	10/13/2023
10/13/2023	23SV-10	33884	7363	-30	-5	6:45 AM	10/13/2023	2:45 PM	10/13/2023
10/13/2023	23SV-11	20757	17982	30	-6	6:46 AM	10/13/2023	2:46 PM	10/13/2023
10/13/2023	23SV-12	24128	7081	-30	-3	6:46 AM	10/13/2023	2:46 PM	10/13/2023
10/13/2023	23SV-13	18294	6863	-30	-7	6:56 AM	10/13/2023	2:56 PM	10/13/2023
10/13/2023	23SV-14	41839	17988	-30	-4	6:55 AM	10/13/2023	2:55 PM	10/13/2023
10/13/2023	23SV-15	42996	17192	-30	-30	6:43 AM	10/13/2023	2:43 PM	10/13/2023
10/13/2023	23SV-16	37782	17899	-30	-6	6:44 AM	10/13/2023	2:44 PM	10/13/2023
10/13/2023	23SV-X	41846	5378	30	-8	6:56 AM	10/13/2023	2:56 PM	10/13/2023
10/13/2023	AO-1	37797	7084	-30	-4	6:47 AM	10/13/2023	2:47 PM	10/13/2023
10/19/2023	23SV-2	48325	19393	-30	-6	6:57 AM	10/19/2023	2:57 PM	10/19/2023
10/19/2023	23SV-15	48329	5378	-30	-6	6:55 AM	10/19/2023	2:55 PM	10/19/2023

Note:

Regulator issues for these samples were encountered on 10/13/2023. Vektor restested the intergrity of the vapor points and resampled on 10/19/2023. Further details in Section 4.4 of the RIR

Table 2
Soil Vapor Log
960 Franklin Avenue, Brooklyn, NY

Sample Date	Sample ID	Canister ID	Flow Controller ID	Canister Pressure in Field ('Hg')	Canister Pressure in Field ('Hg') Stop	Start Sampling Time	Start Sampling Date	Stop Sampling Time	Stop Sampling Date
3/29/2024	24SV-1S	49565	20440	-30	-5	8:03 AM	3/29/2024	4:13 PM	3/29/2024
3/29/2024	24SV-1I	22076	20434	-30	-4	8:04 AM	3/29/2024	4:16 PM	3/29/2024
3/29/2024	24SV-1D	28845	20419	-30	-7	8:05 AM	3/29/2024	4:15 PM	3/29/2024
3/29/2024	24SV-2S	16956	7422	-30	-5	8:05 AM	3/29/2024	4:17 PM	3/29/2024
3/29/2024	24SV-X	49980	16422	-30	-10	8:08 AM	3/29/2024	4:20 PM	3/29/2024
3/29/2024	24SV-2I	49578	20445	-29	-4	8:06 AM	3/29/2024	3:33 PM	3/29/2024
3/29/2024	24SV-2D	48294	20456	-30	-3	8:07 AM	3/29/2024	2:15 PM	3/29/2024
3/29/2024	24SV-3S	18301	19421	-30	-4	8:06 AM	3/29/2024	4:12 PM	3/29/2024
3/29/2024	24SV-3I	28849	3590	-30	-4	8:07 AM	3/29/2024	12:18 PM	3/29/2024
3/29/2024	24SV-3D	49993	4762	-30	-5	8:08 AM	3/29/2024	4:18 PM	3/29/2024
3/29/2024	24OSV-1	23802	20447	-30	-4	8:18 AM	3/29/2024	4:23 PM	3/29/2024
3/29/2024	24OSV-2	49957	16418	-30	-6	8:18 AM	3/29/2024	4:12 PM	3/29/2024
3/29/2024	24OSV-3	49460	20422	-28	-4	8:17 AM	3/29/2024	3:29 PM	3/29/2024
3/29/2024	24OSV-4	49575	20444	-30	-4	8:12 AM	3/29/2024	3:53 PM	3/29/2024
3/29/2024	24OSV-5	20755	20438	-30	-4	8:17 AM	3/29/2024	3:28 PM	3/29/2024
3/29/2024	24OA	49576	19414	-30	-2	8:05 AM	10/13/2023	4:24 PM	3/29/2024

Note:

Regulator issues for this cannister setup was encountered in the field. Canister Pressure in Field at Stop was provided to Vektor by the laboratory after samples were reliquished to the laboratory. Sample was run for 8 hours and stopped per the approved SRIWP.

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-1 (0-2')		23SB-1 (4'-6')		23SB-1 (6'-8')	
Labratory ID					23J0803-14		23J0803-15		23J0803-16	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.004	U	0.004	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.004	U	0.004	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.004	U	0.004	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.004	U	0.004	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.004	U	0.004	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.004	U	0.004	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.004	U	0.004	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.004	U	0.004	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.004	U	0.004	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.004	U	0.004	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.004	U	0.004	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.004	UJ	0.004	UJ	0.003	UJ
1,2-Dibromoethane	106-93-4	~	~	~	0.004	U	0.004	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.004	U	0.004	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.004	U	0.004	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.004	U	0.004	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.004	U	0.004	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.004	U	0.004	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.004	U	0.004	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.071	U	0.071	U	0.063	U
2-Butanone	78-93-3	0.12	100	0.12	0.004	U	0.004	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.004	U	0.004	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.004	UJ	0.004	UJ	0.003	UJ
Acetone	67-64-1	0.05	100	0.05	0.007	U	**0.018**	J+	0.006	U
Acrolein	107-02-8	~	~	~	0.007	U	0.007	U	0.006	U
Acrylonitrile	107-13-1	~	~	~	0.004	U	0.004	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.004	U	0.004	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.004	U	0.004	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.004	U	0.004	U	0.003	U
Bromoform	75-25-2	~	~	~	0.004	UJ	0.004	UJ	0.003	UJ
Bromomethane	74-83-9	~	~	~	0.004	U	0.004	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.004	U	0.004	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.004	U	0.004	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.004	U	0.004	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.004	U	0.004	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.004	U	0.004	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.004	U	0.004	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.004	U	0.004	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.004	UJ	0.004	UJ	0.003	UJ
Cyclohexane	110-82-7	~	~	~	0.004	U	0.004	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.004	U	0.004	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.004	U	0.004	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.004	U	0.004	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.004	U	0.004	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.004	U	0.004	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.004	U	0.004	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.004	U	0.004	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.004	U	0.004	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.004	U	0.004	U	0.003	UJ
Methylene chloride	75-09-2	0.05	100	0.05	0.007	U	0.007	U	0.006	U
n-Butylbenzene	104-51-8	12	100	12	0.004	U	0.004	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.004	U	0.004	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.004	U	0.004	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.007	U	0.007	U	0.006	U
p-Isopropyltoluene	99-87-6	~	~	~	0.004	U	0.004	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	11	0.004	U	0.004	U	0.003	U
Styrene	100-42-5	~	~	~	0.004	UJ	0.004	UJ	0.003	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.004	U	0.004	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.004	U	0.004	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.004	UJ	0.004	UJ	0.003	UJ
Toluene	108-88-3	0.7	100	0.7	0.004	U	0.004	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.004	U	0.004	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.004	UJ	0.004	UJ	0.003	UJ
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.004	U	0.004	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.004	U	0.004	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.004	U	0.004	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.004	U	0.004	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.011	U	0.011	U	0.01	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-2 (0-2')		23SB-2 (4'-6')		23SB-2 (6'-8')	
Labratory ID					23J0803-11		23J0803-12		23J0803-13	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	UJ	0.002	UJ	0.002	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	UJ	0.002	UJ	0.002	UJ
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	UJ	0.002	UJ	0.002	UJ
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	UJ	0.002	UJ	0.002	UJ
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	UJ	0.002	UJ	0.002	UJ
1,4-Dioxane	123-91-1	0.1	13	0.1	0.044	U	0.037	U	0.042	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.006**	J+	**0.005**	J+	0.004	U
Acrolein	107-02-8	~	~	~	0.004	U	0.004	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
Bromoform	75-25-2	~	~	~	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	UJ	0.002	UJ	0.002	UJ
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.004	U	0.004	U	0.004	U
n-Butylbenzene	104-51-8	12	100	12	0.002	UJ	0.002	UJ	0.002	UJ
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
p- & m- Xylenes	179601-23-1	~	~	~	0.004	UJ	0.004	UJ	0.004	UJ
p-Isopropyltoluene	99-87-6	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
sec-Butylbenzene	135-98-8	11	100	11	0.002	UJ	0.002	UJ	0.002	UJ
Styrene	100-42-5	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	UJ	0.002	UJ	0.002	UJ
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	UJ	0.002	UJ	0.002	UJ
Toluene	108-88-3	0.7	100	0.7	0.002	UJ	0.002	UJ	0.002	UJ
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.002	U	0.002	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	UJ	0.002	UJ	0.002	UJ
Trichlorofluoromethane	75-69-4	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.007	U	0.006	U	0.006	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-3 (0-2")		23SB-3 (1'-3')		23SB-3 (3'-5')	
Labratory ID					23I1882-07		23I1882-08		23I1882-09	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.066	U	0.058	U	0.056	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	0.007	U	**0.015**	J+	**0.012**	J+
Acrolein	107-02-8	~	~	~	0.007	U	0.006	U	0.006	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.003	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.003	U
Methylene chloride	75-09-2	0.05	100	0.05	**0.012**	J	0.006	U	**0.007**	J
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.007	U	0.006	U	0.006	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.003	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.003	U	0.003	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.003	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.003	U	0.003	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.003	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.01	U	0.009	U	0.008	U

NOTES:
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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-4 (0-2")		23SB-4 (1'-3')		23SB-4 (4'-6')	
Labratory ID					23I0068-04		23I0068-05		23I0068-06	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.054	R	0.040	R	0.048	R
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.005	U	**0.007**	J+	0.005	U
Acrolein	107-02-8	~	~	~	0.005	U	0.004	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.004	U	0.006	J
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.004	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	UJ	0.002	UJ	0.002	UJ
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U	0.002	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.003	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.006	U	0.007	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-5 (0-2")		23SB-5 (2'-4')		23SB-5 (4'-5')	
Labratory ID					23I0068-01		23I0068-02		23I0068-03	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.056	R	0.052	R	0.048	R
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.006**	J+	0.005	U	0.005	U
Acrolein	107-02-8	~	~	~	0.006	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	UJ	0.003	UJ	0.002	UJ
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.002	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.003	U	0.003	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.003	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.009	U	0.008	U	0.007	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-6 (0-2')		23SB-6 (2'-4')		23SB-6 (6'-8')	
Labratory ID					23I0068-10		23I0068-11		23I0068-12	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.042	R	0.048	R	0.040	R
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.004	U	0.005	U	0.004	U
Acrolein	107-02-8	~	~	~	0.004	U	0.005	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.004	U	**0.005**	J	**0.009**	
n-Butylbenzene	104-51-8	12	100	12	0.002	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.004	U	0.005	U	0.004	U
p-Isopropyltoluene	99-87-6	~	~	~	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.002	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	UJ	0.002	UJ	0.002	UJ
Toluene	108-88-3	0.7	100	0.7	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.002	U	0.002	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.002	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.006	U	0.007	U	0.006	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-7 (0-2")		23SB-7 (2'-4')		23SB-7 (4'-6')	
Labratory ID					23I1882-01		23I1882-02		23I1882-03	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.062	U	0.047	U	0.058	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	0.006	U	**0.006**	J+	0.006	U
Acrolein	107-02-8	~	~	~	0.006	U	0.005	U	0.006	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U	0.003	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U	0.003	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	0.005	U	0.006	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.005	U	0.006	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U	0.003	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	UJ	0.002	UJ	0.003	U
Toluene	108-88-3	0.7	100	0.7	0.003	UJ	0.002	UJ	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U	0.003	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.003	U	0.002	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	UJ	0.002	UJ	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.009	U	0.007	U	0.009	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-8 (0-2")		23SB-8 (1'-3')		23SB-8 (3'-5')	
Labratory ID					23I1882-04		23I1882-05		23I1882-06	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.063	U	0.054	U	0.042	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.014**	J+	**0.009**	J+	**0.0074**	J+
Acrolein	107-02-8	~	~	~	0.006	U	0.005	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.0028	J	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	0.005	U	0.004	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.005	U	0.004	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.003	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.002	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.003	U	0.003	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.003	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.01	U	0.008	U	0.006	U

NOTES:
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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-9 (0-2')		23SB-9 (4'-6')		23SB-9 (6'-8')	
Labratory ID					23J0803-01		23J0803-02		23J0803-03	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.004	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.004	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	R	0.004	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.004	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	R	0.004	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.004	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.004	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	R	0.004	U	0.002	UJ
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	UJ	0.004	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	R	0.004	U	0.002	UJ
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	UJ	0.004	U	0.002	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	R	0.004	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	UJ	0.004	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	UJ	0.004	U	0.002	UJ
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.004	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.004	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	UJ	0.004	U	0.002	UJ
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	R	0.004	U	0.002	UJ
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	U	0.004	U	0.002	UJ
1,4-Dioxane	123-91-1	0.1	13	0.1	0.043	U	0.075	U	0.042	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.004	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.004	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.004	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.031**	J+	0.008	U	0.004	U
Acrolein	107-02-8	~	~	~	0.004	R	0.008	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.004	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.004	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.004	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	UJ	0.004	U	0.002	UJ
Bromoform	75-25-2	~	~	~	0.002	U	0.004	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.004	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.004	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.004	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.004	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.004	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.004	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.004	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.004	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.004	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.004	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.004	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	UJ	0.004	UJ	0.002	UJ
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.004	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	UJ	0.004	U	0.002	UJ
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.004	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.004	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	R	0.004	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.004	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	UJ	0.004	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.004	U	0.008	U	0.004	U
n-Butylbenzene	104-51-8	12	100	12	0.002	UJ	0.004	U	0.002	UJ
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.004	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	UJ	0.004	U	0.002	UJ
p- & m- Xylenes	179601-23-1	~	~	~	0.004	UJ	0.008	U	0.004	UJ
p-Isopropyltoluene	99-87-6	~	~	~	0.002	UJ	0.004	U	0.002	UJ
sec-Butylbenzene	135-98-8	11	100	11	0.002	UJ	0.004	U	0.002	UJ
Styrene	100-42-5	~	~	~	0.002	UJ	0.004	U	0.002	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.004	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	UJ	0.004	U	0.002	UJ
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	UJ	0.004	UJ	0.002	UJ
Toluene	108-88-3	0.7	100	0.7	0.002	UJ	0.004	U	0.002	UJ
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.004	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.004	U	0.002	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.002	U	0.004	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	UJ	0.004	U	0.002	UJ
Trichlorofluoromethane	75-69-4	~	~	~	0.002	UJ	0.004	UJ	0.002	UJ
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.004	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.006	U	0.011	U	0.006	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-10 (0-2')		23SB-10 (4'-6')		23SB-10 (6'-8')		23SB-10 (DUP)	
Labratory ID					23J0803-07		23J0803-08		23J0803-09		23J0803-10	
Sampling Date					10/11/2023		10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.002	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.002	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.002	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.002	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.002	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.002	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.054	U	0.063	U	0.043	U	0.068	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.002	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	0.005	U	**0.015**	J+	**0.005**	J+	0.007	U
Acrolein	107-02-8	~	~	~	0.005	U	0.006	U	0.004	U	0.007	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.002	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.002	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.002	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.002	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.002	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.002	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.002	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.006	U	0.004	U	0.007	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.002	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.002	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.006	U	0.004	U	0.007	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.002	U	0.003	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.002	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.003	U	0.002	U	0.003	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.002	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.002	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.003	U	0.002	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.002	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.002	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.009	U	0.006	U	0.01	U

NOTES:
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Bold and highlighted values are concentrations above soil cleanup objectives
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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-11 (0-2')		23SB-11 (4'-6')		23SB-11 (6-8)	
Labratory ID					23J0803-04		23J0803-05		23J0803-06	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	UJ	0.002	UJ	0.002	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	UJ	0.002	UJ	0.002	UJ
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	UJ	0.002	UJ	0.002	UJ
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	UJ	0.002	UJ	0.002	UJ
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	UJ	0.002	UJ	0.002	UJ
1,4-Dioxane	123-91-1	0.1	13	0.1	0.047	U	0.048	U	0.048	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.011**	J+	0.005	U	0.005	U
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
Bromoform	75-25-2	~	~	~	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	UJ	0.002	UJ	0.002	UJ
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.002	UJ	0.002	UJ	0.002	UJ
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
p- & m- Xylenes	179601-23-1	~	~	~	0.005	UJ	0.005	UJ	0.005	UJ
p-Isopropyltoluene	99-87-6	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
sec-Butylbenzene	135-98-8	11	100	11	0.002	UJ	0.002	UJ	0.002	UJ
Styrene	100-42-5	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	UJ	0.002	UJ	0.002	UJ
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	UJ	0.002	UJ	0.002	UJ
Toluene	108-88-3	0.7	100	0.7	0.002	UJ	0.002	UJ	0.002	UJ
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.002	U	0.002	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	UJ	0.002	UJ	0.002	UJ
Trichlorofluoromethane	75-69-4	~	~	~	0.002	UJ	0.002	UJ	0.002	UJ
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.007	U	0.007	U	0.007	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-12 (0-2')		23SB-12 (4'-6')		23SB-12 (6'-8')	
Labratory ID					23J0716-05		23J0716-06		23J0716-07	
Sampling Date					10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1.0		1.0	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.004	U	0.003	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.004	U	0.003	U	**0.026**	
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.004	U	0.003	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.004	U	0.003	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.004	U	0.003	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.004	U	0.003	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.004	U	0.003	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.004	U	0.003	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.004	U	0.003	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.004	U	0.003	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.004	UJ	0.003	UJ	0.003	UJ
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.004	U	0.003	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.004	U	0.003	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.004	U	0.003	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.004	U	0.003	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.004	U	0.003	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.004	UJ	0.003	UJ	0.003	UJ
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.004	U	0.003	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.004	U	0.003	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.077	U	0.066	U	0.058	U
2-Butanone	78-93-3	0.12	100	0.12	0.004	U	0.003	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.004	U	0.003	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.004	U	0.003	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	0.008	U	0.018	U	0.009	U
Acrolein	107-02-8	~	~	~	0.008	U	0.007	U	0.006	U
Acrylonitrile	107-13-1	~	~	~	0.004	U	0.003	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.004	U	0.003	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.004	U	0.003	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.004	U	0.003	U	0.003	U
Bromoform	75-25-2	~	~	~	0.004	U	0.003	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.004	U	0.003	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.004	U	0.003	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.004	U	0.003	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.004	U	0.003	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.004	U	0.003	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.004	U	0.003	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.004	U	0.003	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.004	U	0.003	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.004	U	0.003	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.004	U	0.003	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.004	U	0.003	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.004	U	0.003	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.004	U	0.003	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.004	U	0.003	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.004	U	0.003	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.004	U	0.003	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.004	U	0.003	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.004	U	0.003	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.004	U	0.003	U	0.003	U
Methylene chloride	75-09-2	0.05	100	0.05	0.008	U	0.007	U	0.006	U
n-Butylbenzene	104-51-8	12	100	12	0.004	UJ	0.003	UJ	0.003	UJ
n-Propylbenzene	103-65-1	3.9	100	3.9	0.004	U	0.003	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.004	U	0.003	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.008	U	0.007	U	0.006	U
p-Isopropyltoluene	99-87-6	~	~	~	0.004	UJ	0.003	UJ	0.003	UJ
sec-Butylbenzene	135-98-8	11	100	11	0.004	UJ	0.003	UJ	0.003	UJ
Styrene	100-42-5	~	~	~	0.004	U	0.003	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.004	U	0.003	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.004	U	0.003	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.004	U	0.003	U	0.003	U
Toluene	108-88-3	0.7	100	0.7	0.004	U	0.003	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.004	U	0.003	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.004	U	0.003	U	0.003	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.004	U	0.003	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.004	U	0.003	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.004	U	0.003	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.004	U	0.003	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.012	U	0.010	U	0.009	U

NOTES:
Bold values are detected concentrations
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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-13 (0-2')		23SB-13 (4'-6')		23SB-13 (6'-8')		23SB-13 (DUP)	
Labratory ID					23J0716-01		23J0716-02		23J0716-03		23J0716-04	
Sampling Date					10/10/2023		10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1.0		1.0		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.004	U	0.003	U	0.002	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.004	U	0.003	U	0.002	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.004	U	0.003	U	0.002	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.004	U	0.003	U	0.002	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.004	U	0.003	U	0.002	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.004	U	0.003	U	0.002	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.004	U	0.003	U	0.002	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.004	U	0.003	U	0.002	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.004	U	0.003	U	0.002	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.080	U	0.050	U	0.047	U	0.052	U
2-Butanone	78-93-3	0.12	100	0.12	0.004	U	0.003	U	0.002	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	0.017	U	0.0086	U	0.007	U	0.0074	U
Acrolein	107-02-8	~	~	~	0.008	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.004	U	0.003	U	0.002	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Bromoform	75-25-2	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.004	U	0.003	U	0.002	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.004	U	0.003	U	0.002	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.004	U	0.003	U	0.002	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.004	U	0.003	U	0.002	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.004	U	0.003	U	0.002	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.004	U	0.003	U	0.002	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Methylene chloride	75-09-2	0.05	100	0.05	0.008	U	0.005	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.004	U	0.003	U	0.002	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.004	U	0.003	U	0.002	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.008	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	11	0.004	U	0.003	U	0.002	U	0.003	U
Styrene	100-42-5	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.004	U	0.003	U	0.002	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.004	UJ	0.003	UJ	0.002	UJ	0.003	UJ
Toluene	108-88-3	0.7	100	0.7	0.004	U	0.003	U	0.002	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.004	U	0.003	U	0.002	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.004	U	0.003	U	0.002	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.004	U	0.003	U	0.002	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.004	U	0.003	U	0.002	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.012	U	0.008	U	0.007	U	0.008	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-14 (0-2')		23SB-14 (2'-4')		23SB-14 (4'-6')	
Labratory ID					23I0068-07		23I0068-08		23I0068-09	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.055	U	0.047	R	0.052	R
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	0.006	U	0.005	U	0.005	U
Acrolein	107-02-8	~	~	~	0.006	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U	0.003	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U	0.003	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U	0.003	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.002	UJ	0.003	UJ
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U	0.003	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	0.003	U	0.002	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.007	U	0.008	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-1 (6'-8') 24C1187-01 3/19/2024 Soil		SB-DUP-1 24C1187-17 3/19/2024 Soil		24SB-1 (18'-20') 24C1187-02 3/19/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.040	U	0.042	U	0.040	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.004	U	0.004	U	0.006	J
Acrolein	107-02-8	~	~	~	0.004	U	0.004	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.004	U	0.004	U	0.004	U
n-Butylbenzene	104-51-8	12	100	12	0.002	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.004	U	0.004	U	0.004	U
p-Isopropyltoluene	99-87-6	~	~	~	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.002	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	U	0.002	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.002	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.006	U	0.006	U	0.006	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-2 (6'-8') 24C1187-10 3/19/2024 Soil		24SB-2 (18'-20') 24C1187-11 3/19/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.045	U	0.046	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.005	U	**0.019**	
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.007	U	0.007	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-3 (6'-8') 24C1494-01 3/22/2024 Soil		24SB-3 (14'-16') 24C1494-02 3/22/2024 Soil		SB-DUP-4 24C1496-15 3/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.045	U	0.042	U	0.043	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.005	U	0.004	U	**0.05**	
Acrolein	107-02-8	~	~	~	0.005	U	0.004	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.004	U	**0.016**	
n-Butylbenzene	104-51-8	12	100	12	0.002	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.004	U	0.004	U
p-Isopropyltoluene	99-87-6	~	~	~	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.002	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	U	0.002	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.002	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.007	U	0.006	U	0.006	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

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~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-4 (8'-10') 24C1419-01 3/21/2024 Soil		24SB-4 (16'-18') 24C1419-02 3/21/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.064	U	0.043	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.006	U	**0.016**	
Acrolein	107-02-8	~	~	~	0.006	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	**0.008**	J
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.004	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.010	U	0.007	U

NOTES:

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Bold values are detected concentrations

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U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-5 (6'-8') 24C1419-08 3/21/2024 Soil		24SB-5 (14'-16') 24C1403-07 3/21/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.062	U	0.046	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.026**		**0.021**	
Acrolein	107-02-8	~	~	~	0.006	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.009	U	0.007	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-6 (0-2')		24SB-6 (4'-6')		24SB-6 (6'-8')		24SB-6 (12'-14')	
Laboratory ID					24C1317-24		24C1317-25		24C1317-26		24C1317-27	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.049	U	0.046	U	0.045	U	0.048	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.008**	J	0.005	U	**0.018**		**0.014**	
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U	0.005	U	**0.006**	J
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.002	U	0.002	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.007	U	0.007	U	0.007	U	0.007	U

NOTES:

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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-7 (0-2')		24SB-7 (4'-6')		24SB-7 (6'-8')		24SB-7 (12'-14')	
Laboratory ID					24C1317-01		24C1317-02		24C1317-03		24C1317-04	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.051	U	0.053	U	0.047	U	0.047	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.01**	J	**0.006**	J	0.005	U	0.005	U
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.009		0.015		0.004	J
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	**0.006**	JB	**0.008**	JB	**0.016**	B	**0.017**	
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	**0.014**		**0.026**		0.004	J
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	**0.003**	J	**0.008**		0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.008	U	0.007	U	0.007	U

NOTES:

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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

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VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-8 (0-2')		24SB-8 (4'-6')		24SB-8 (6'-8')		24SB-8 (12'-14')	
Laboratory ID					24C1317-08		24C1317-09		24C1317-10		24C1317-11	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U	0.002	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U	0.002	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U	0.002	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U	0.002	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U	0.002	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U	0.002	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U	0.002	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U	0.002	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U	0.002	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.057	U	0.040	U	0.047	U	0.051	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U	0.002	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	0.006	U	**0.021**		**0.011**		0.005	U
Acrolein	107-02-8	~	~	~	0.006	U	0.004	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U	0.002	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U	0.002	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U	0.002	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U	0.002	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U	0.002	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U	0.002	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U	0.002	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	**0.008**	J	0.005	U	0.008	J
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U	0.002	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U	0.002	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.004	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U	0.002	U	0.003	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U	0.002	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.002	U	0.002	U	0.003	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U	0.002	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U	0.002	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U	0.002	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U	0.002	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U	0.002	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.009	U	0.006	U	0.007	U	0.008	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-9 (0-2')		24SB-9 (4'-6')		24SB-9 (6'-8')		SB-DUP-3		24SB-9 (12'-14')	
Laboratory ID					24C1403-11		24C1403-12		24C1403-13		24C1419-17		24C1403-14	
Sampling Date					3/21/2024		3/21/2024		3/21/2024		3/21/2024		3/21/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.045	U	0.046	U	0.052	U	0.047	U	0.046	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.033**		0.005	U	0.005	U	**0.02**		0.005	U
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.007	U	0.007	U	0.008	U	0.007	U	0.007	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-10 (5'-7')		24SB-10 (9'-11')		24SB-10 (11'-13')		24SB-10 (17'-19')	
Laboratory ID					24C1494-07		24C1494-08		24C1494-09		24C1494-10	
Sampling Date					3/22/2024		3/22/2024		3/22/2024		3/22/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.003	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.003	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.003	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.003	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.003	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.003	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.003	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.003	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.003	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.052	U	0.053	U	0.060	U	0.048	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.003	U	**0.006**	
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.010	J	0.005	U	**0.048**		**0.016**	
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.006	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.003	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.003	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.003	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.003	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.003	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.003	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.003	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U	**0.010**	J	**0.008**	J
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.003	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.003	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.006	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.003	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.003	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.004	J	0.003	U	0.003	U	**0.043**	
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.003	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.003	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.003	U	0.003	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.003	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.008	U	0.009	U	0.007	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-11 (0-2')		24SB-11 (4'-6')		SB-DUP-2		24SB-11 (6'-8')		24SB-11 (12'-14')	
Laboratory ID					24C1317-15		24C1317-16		24C1317-31		24C1317-17		24C1317-18	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.053	U	0.046	U	0.045	U	0.046	U	0.042	U
2-Butanone	78-93-3	0.12	100	0.12	**0.24**		0.002	U	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.36**		**0.014**		**0.017**		0.005	U	0.004	U
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	**0.009**	J	0.005	U	**0.017**		0.005	U	0.004	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U	0.004	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.007	U	0.007	U	0.007	U	0.006	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

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~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-12 (0-2')		24SB-12 (4'-6')		24SB-12 (6'-8')		24SB-12 (12'-14')	
Laboratory ID					24D1431-35		24D1431-36		24D1431-37		24D1431-38	
Sampling Date					4/22/2024		4/22/2024		4/22/2024		4/22/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.054	U	0.049	U	0.047	U	0.048	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.005	U	**0.010**		0.005	U	**0.028**	
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	**0.28**	E	0.003	U	0.002	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	**0.004**	J	0.003	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.007	U	0.007	U	0.007	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-13 (0-2') 24D1431-01 4/22/2024 Soil		SB-DUP-5 24D1431-05 4/22/2024 Soil		24SB-13 (4'-6') 24D1431-02 4/22/2024 Soil		24SB-13 (6'-8') 24D1431-03 4/22/2024 Soil		24SB-13 (12'-14') 24D1431-04 4/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		100		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.058	U	0.060	U	0.049	U	0.046	U	0.046	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.006	U	**0.024**		**0.037**		0.005	U	**0.019**	
Acrolein	107-02-8	~	~	~	0.006	U	0.006	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	0.006	U	0.005	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.006	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	**0.052**		**2.2**	D	**0.006**		**0.012**		**0.011**	
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.003	J	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.009	U	0.009	U	0.007	U	0.007	U	0.007	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

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B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-14 (0-2')		24SB-14 (4'-6')		24SB-14 (6'-8')		SB-DUP-6		24SB-14 (12'-14')	
Laboratory ID					24D1431-45		24D1431-46		24D1431-47		24D1431-49		24D1431-48	
Sampling Date					4/22/2024		4/22/2024		4/22/2024		4/22/2024		4/22/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.003	U	0.005	J	**0.004**	J	**0.014**	
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.003	U	0.003	U	0.002	U	**0.018**	
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.051	U	0.059	U	0.049	U	0.047	U	0.051	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.007		0.002	U	**0.019**	
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	**0.011**		0.006	U	**0.063**		**0.02**		**0.11**	
Acrolein	107-02-8	~	~	~	0.005	U	0.006	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.003	U	0.003	U	0.002	U	0.004	J
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	**0.010**	
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.004	J
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.006	U	0.005	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.003	U	0.002	U	**0.047**	
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.003	U	0.002	U	**0.015**	
o-Xylene	95-47-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	**0.003**	J
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.006	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	**0.025**	
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.003	U	0.002	U	**0.059**	
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.003	U	0.002	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.009	U	0.007	U	0.007	U	0.008	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-15 (0-2')		24SB-15 (4'-6')		24SB-15 (6'-8')		24SB-15 (12'-14')	
Laboratory ID					24D1431-15		24D1431-16		24D1431-17		24D1431-18	
Sampling Date					4/22/2024		4/22/2024		4/22/2024		4/22/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.057	U	0.046	U	0.047	U	0.048	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	**0.015**		**0.005**	U	**0.005**	U	**0.017**	
Acrolein	107-02-8	~	~	~	0.006	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	0.005	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.003	U	0.002	U	0.002	U	0.002	U
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.009	U	0.007	U	0.007	U	0.007	U

NOTES:

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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-16 (0-2')		24SB-16 (4'-6')		24SB-16 (6'-8')		24-SB-16 (12'-14')	
Laboratory ID					24D1431-25		24D1431-26		24D1431-27		24D1431-28	
Sampling Date					4/22/2024		4/22/2024		4/22/2024		4/22/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.003	U	0.002	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.003	U	0.002	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.003	U	0.002	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	U	0.003	U	0.002	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	U	0.003	U	0.002	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.003	U	0.002	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	U	0.003	U	0.002	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	U	0.003	U	0.002	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	U	0.003	U	0.002	U	0.003	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.048	U	0.052	U	0.049	U	0.052	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.003	U	0.002	U	0.003	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Acetone	67-64-1	0.05	100	0.05	0.005	U	**0.019**		0.005	U	0.005	U
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.003	U	0.002	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Bromoform	75-25-2	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.003	U	0.002	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.003	U	0.002	U	0.003	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.003	U	0.002	U	0.003	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.003	U	0.002	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Dibromomethane	74-95-3	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Ethyl Benzene	100-41-4	1	41	1	0.002	U	0.003	U	0.002	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.003	U	0.002	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.002	U	0.003	U	0.002	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.003	U	0.002	U	0.003	U
o-Xylene	95-47-6	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	11	0.002	U	0.003	U	0.002	U	0.003	U
Styrene	100-42-5	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	U	0.003	U	0.002	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	0.002	U	0.003	U	0.002	U	0.003	U
Toluene	108-88-3	0.7	100	0.7	0.002	U	0.003	U	0.002	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.003	U	0.002	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	U	0.003	U	0.002	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	0.002	U	0.003	U	0.002	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.003	U	0.002	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.007	U	0.008	U	0.007	U	0.008	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB-24SV-2-N1 (8'-10') 24D1431-56 4/22/2024 Soil		SB-24SV-2-N1 (10'-12') 24D1431-57 4/22/2024 Soil		SB-24SV-2-N1 (12'-14') 24D1431-58 4/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.054	U	0.045	U	0.043	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.005	U	0.005	U	0.004	U
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U	0.004	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.004	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	**0.027**		**0.004**	J	0.006	
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.008	U	0.007	U	0.006	U

NOTES:

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Bold values are detected concentrations

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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB-24SV-2-E1 (8'-10')		SB-24SV-2-E1 (10'-12')		SB-24SV-2-E1 (12'-14')	
Laboratory ID					24D1431-59		24D1431-60		24D1431-61	
Sampling Date					4/22/2024		4/22/2024		4/22/2024	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		100		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.003	U	0.003	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.003	U	0.003	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.003	U	0.003	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.003	U	0.003	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.003	U	0.003	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.003	U	0.003	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.003	U	0.003	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.003	U	0.003	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.003	U	0.003	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.003	U	0.003	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.003	U	**0.007**		0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.003	U	0.003	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.003	U	0.003	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.003	U	0.003	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.003	U	0.003	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.003	U	0.003	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.003	U	**0.009**		0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.003	U	0.003	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.003	U	0.003	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.062	U	0.052	U	0.046	U
2-Butanone	78-93-3	0.12	100	0.12	0.003	U	0.003	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.003	U	0.003	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.003	U	0.003	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.006	U	0.005	U	**0.019**	
Acrolein	107-02-8	~	~	~	0.006	U	0.005	U	0.005	U
Acrylonitrile	107-13-1	~	~	~	0.003	U	0.003	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.003	U	0.003	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.003	U	0.003	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.003	U	0.003	U	0.002	U
Bromoform	75-25-2	~	~	~	0.003	U	0.003	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.003	U	0.003	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.003	U	0.003	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.003	U	0.003	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.003	U	0.003	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.003	U	0.003	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.003	U	0.003	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.003	U	0.003	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.003	U	0.003	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.003	U	0.003	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.003	U	0.003	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.003	U	0.003	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.003	U	0.003	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.003	U	0.003	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.003	U	**0.006**		0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.003	U	0.003	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.003	U	0.003	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.003	U	0.003	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.003	U	0.003	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.003	U	0.003	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.006	U	0.005	U	0.005	U
n-Butylbenzene	104-51-8	12	100	12	0.003	U	0.003	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.003	U	0.003	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.003	U	**0.006**		0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.006	U	**0.007**	J	0.005	U
p-Isopropyltoluene	99-87-6	~	~	~	0.003	U	0.003	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.003	U	0.003	U	0.002	U
Styrene	100-42-5	~	~	~	0.003	U	0.003	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.003	U	0.003	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.003	U	0.003	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	**0.11**		**16**	D	**0.01**	
Toluene	108-88-3	0.7	100	0.7	0.003	U	0.004	J	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.003	U	0.003	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.003	U	0.003	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.003	U	**0.004**	J	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.003	U	0.003	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.003	U	0.003	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.009	U	0.012	J	0.007	U

NOTES:

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Bold values are detected concentrations

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U=analyte not detected at or above the level indicated

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Table 3
VOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB-24SV-2-S1 (8'-10')		SB-24SV-2-S1 (10'-12')		SB-24SV-2-S1 (12'-14')	
Laboratory ID					24D1431-62		24D1431-63		24D1431-64	
Sampling Date					4/22/2024		4/22/2024		4/22/2024	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	79-00-5	~	~	~	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	75-34-3	0.27	26	0.27	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.33	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	3.6	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	106-93-4	~	~	~	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.02	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	78-87-5	~	~	~	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	8.4	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.002	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	13	0.1	0.049	U	0.047	U	0.044	U
2-Butanone	78-93-3	0.12	100	0.12	0.002	U	0.002	U	0.002	U
2-Hexanone	591-78-6	~	~	~	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	108-10-1	~	~	~	0.002	U	0.002	U	0.002	U
Acetone	67-64-1	0.05	100	0.05	0.005	U	0.005	U	**0.013**	
Acrolein	107-02-8	~	~	~	0.005	U	0.005	U	0.004	U
Acrylonitrile	107-13-1	~	~	~	0.002	U	0.002	U	0.002	U
Benzene	71-43-2	0.06	4.8	0.06	0.002	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	~	~	~	0.002	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	~	~	~	0.002	U	0.002	U	0.002	U
Bromoform	75-25-2	~	~	~	0.002	U	0.002	U	0.002	U
Bromomethane	74-83-9	~	~	~	0.002	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	~	~	~	0.002	U	0.002	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.76	0.002	U	0.002	U	0.002	U
Chlorobenzene	108-90-7	1.1	100	1.1	0.002	U	0.002	U	0.002	U
Chloroethane	75-00-3	~	~	~	0.002	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	49	0.37	0.002	U	0.002	U	0.002	U
Chloromethane	74-87-3	~	~	~	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.25	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	0.002	U	0.002	U	0.002	U
Cyclohexane	110-82-7	~	~	~	0.002	U	0.002	U	0.002	U
Dibromochloromethane	124-48-1	~	~	~	0.002	U	0.002	U	0.002	U
Dibromomethane	74-95-3	~	~	~	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	~	~	0.002	U	0.002	U	0.002	U
Ethyl Benzene	100-41-4	1	41	1	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	87-68-3	~	~	~	0.002	U	0.002	U	0.002	U
Isopropylbenzene	98-82-8	~	~	~	0.002	U	0.002	U	0.002	U
Methyl acetate	79-20-9	~	~	~	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.93	0.002	U	0.002	U	0.002	U
Methylcyclohexane	108-87-2	~	~	~	0.002	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	100	0.05	0.005	U	0.005	U	0.004	U
n-Butylbenzene	104-51-8	12	100	12	0.002	U	0.002	U	0.002	U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.002	U	0.002	U	0.002	U
o-Xylene	95-47-6	~	~	~	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	179601-23-1	~	~	~	0.005	U	0.005	U	0.004	U
p-Isopropyltoluene	99-87-6	~	~	~	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	135-98-8	11	100	11	0.002	U	0.002	U	0.002	U
Styrene	100-42-5	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	98-06-6	5.9	100	5.9	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	127-18-4	1.3	19	1.3	**0.042**		**0.015**		**0.017**	
Toluene	108-88-3	0.7	100	0.7	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.19	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	0.002	U	0.002	U	0.002	U
Trichloroethylene	79-01-6	0.47	21	0.47	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	75-69-4	~	~	~	0.002	U	0.002	U	0.002	U
Vinyl Chloride	75-01-4	0.02	0.9	0.02	0.002	U	0.002	U	0.002	U
Xylenes, Total	1330-20-7	0.26	100	1.6	0.007	U	0.007	U	0.007	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-1 (0-2')		23SB-1 (4'-6')		23SB-1 (6'-8')	
Labratory ID					23J0803-14		23J0803-15		23J0803-16	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.019	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.1	U	0.11	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.10	U	0.11	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.1	U	0.11	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.10	U	0.11	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.10	U	0.11	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.10	U	0.11	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.10	U	0.11	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.10	U	0.11	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.22	U	0.19	U
Anthracene	120-12-7	100	100	1000	**0.15**	D	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.22	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.87**	D	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**0.61**	D	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.59**	D	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.52**	D	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.20**	D	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	UJ	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	**0.08**	JD	0.05	U
Caprolactam	105-60-2	~	~	~	0.10	U	0.11	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**1.02**	D	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**0.13**	D	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.10	U	0.11	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	**0.42**	D	**0.06**	JD	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.31**	D	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**0.15**	D	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	R	0.05	R
Pyrene	129-00-0	100	100	1000	**1.53**	D	**0.09**	JD	0.05	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-2 (0-2')		23SB-2 (4'-6')		23SB-2 (6'-8')	
Labratory ID					23J0803-11		23J0803-12		23J0803-13	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.019	U	0.02	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.04	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.04	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.04	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.04	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.04	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.04	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.04	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.04	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.04	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.04	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.04	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.04	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.04	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.04	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.04	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.04	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.04	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.04	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.04	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.04	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.04	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.04	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.04	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	**0.06**	JD	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.04	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.04	U	0.05	U
Aniline	62-53-3	~	~	~	0.18	U	0.17	U	0.18	U
Anthracene	120-12-7	100	100	1000	0.05	U	**0.2**	D	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.04	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.04	U	0.05	U
Benzidine	92-87-5	~	~	~	0.18	U	0.17	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	**1.29**	D	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	**1.12**	D	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	**1.3**	D	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	**0.76**	D	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	**0.45**	D	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.04	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.04	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.04	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.04	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.04	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.04	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.04	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	0.04	U	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	**1.26**	D	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	**0.17**	D	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.04	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.04	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.04	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.04	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.04	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.09	U	0.09	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	**1.72**	D	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	0.04	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.04	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.04	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.04	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.04	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	**0.85**	D	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.04	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.04	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.04	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.04	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.04	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.04	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.04	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	**0.82**	D	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.04	U	0.05	U
Pyrene	129-00-0	100	100	1000	0.05	U	**2.46**	D	0.05	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
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U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-3 (0-2')		23SB-3 (1'-3')		23SB-3 (3'-5')	
Labratory ID					23I1882-07		23I1882-08		23I1882-09	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.018	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					20		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.55	R	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	1.1	R	0.10	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.55	R	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.55	R	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.55	R	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.55	R	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.55	R	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	1.1	UJ	0.10	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.55	UJ	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.55	UJ	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.55	UJ	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.55	UJ	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	1.1	UJ	0.10	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.55	R	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.55	R	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.55	R	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.55	UJ	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	**0.753**	J-	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.55	UJ	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	1.1	R	0.1	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.55	UJ	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.55	UJ	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.55	R	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	1.1	R	0.1	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	1.1	UJ	0.1	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.55	R	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.55	UJ	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.55	R	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.55	R	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	1.1	R	0.1	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	1.1	UJ	0.1	U	0.09	U
Acenaphthene	83-32-9	20	100	98	**1.09**	J-	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	**0.98**	J-	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.55	R	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	2.19	R	0.19	U	0.18	U
Anthracene	120-12-7	100	100	1000	**3.39**	J-	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.55	R	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.55	R	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	2.19	R	0.19	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	**8.65**	J-	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**7.69**	J-	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**10.1**	J-	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**6.93**	J-	**0.06**	JD	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**3.57**	J-	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.55	R	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.55	R	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	**4.71**	J-	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.55	R	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.55	R	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.55	R	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.55	R	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	1.1	R	0.10	U	0.09	U
Carbazole	86-74-8	~	~	~	**1.44**	J-	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**7.63**	J-	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**1.58**	J-	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	**0.823**	J-	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.55	R	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.55	R	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.55	R	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.55	R	0.05	U	0.05	U
Diphenylamine	122-39-4	~	~	~	1.1	R	0.10	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	**16.5**	J-	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	**1.09**	J-	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.55	R	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.55	R	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.55	R	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.55	R	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**6.68**	J-	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.55	R	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	**1.3**	J-	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.55	R	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.55	R	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.55	R	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.55	R	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.55	UJ	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**14.3**	J-	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.55	UJ	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**13.5**	J-	**0.05**	JD	0.05	U

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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-4 (0-2')		23SB-4 (1'-3')		23SB-4 (4'-6')	
Labratory ID					23I0068-04		23I0068-05		23I0068-06	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.020	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					10		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.33	U	0.05	U	0.04	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.67	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.33	U	0.05	U	0.04	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.33	U	0.05	U	0.04	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.33	U	0.05	U	0.04	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.33	U	0.05	U	0.04	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.33	U	0.05	U	0.04	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.67	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.33	U	0.05	U	0.04	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.33	U	0.05	U	0.04	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.33	U	0.05	U	0.04	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.33	U	0.05	U	0.04	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.67	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.33	U	0.05	U	0.04	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.33	U	0.05	U	0.04	U
2-Chloronaphthalene	91-58-7	~	~	~	0.33	U	0.05	U	0.04	U
2-Chlorophenol	95-57-8	~	~	~	0.33	U	0.05	U	0.04	U
2-Methylnaphthalene	91-57-6	~	~	~	0.33	U	0.05	U	0.04	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.33	U	0.05	U	0.04	U
2-Nitroaniline	88-74-4	~	~	~	0.67	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.33	U	0.05	U	0.04	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.33	U	0.05	U	0.04	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.33	U	0.05	U	0.04	U
3-Nitroaniline	99-09-2	~	~	~	0.67	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.67	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.33	U	0.05	U	0.04	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.33	U	0.05	U	0.04	U
4-Chloroaniline	106-47-8	~	~	~	0.33	U	0.05	U	0.04	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.33	U	0.05	U	0.04	U
4-Nitroaniline	100-01-6	~	~	~	0.67	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.67	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.33	U	0.05	U	0.04	U
Acenaphthylene	208-96-8	100	100	107	0.33	U	0.05	U	0.04	U
Acetophenone	98-86-2	~	~	~	0.33	U	0.05	U	0.04	U
Aniline	62-53-3	~	~	~	1.33	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	0.33	U	**0.0621**	JD	0.04	U
Atrazine	1912-24-9	~	~	~	0.33	U	0.05	U	0.04	U
Benzaldehyde	100-52-7	~	~	~	0.33	U	0.05	U	0.04	U
Benzidine	92-87-5	~	~	~	1.33	U	0.18	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.904**	D	**0.189**	D	0.04	U
Benzo(a)pyrene	50-32-8	1	1	22	**1.02**	D	**0.179**	D	0.04	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**1.27**	D	**0.212**	D	0.04	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.766**	D	**0.113**	D	0.04	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.42**	JD	**0.0695**	JD	0.04	U
Benzoic acid	65-85-0	~	~	~	0.33	U	0.05	U	0.04	U
Benzyl alcohol	100-51-6	~	~	~	0.33	U	0.05	U	0.04	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.33	U	0.05	U	0.04	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.33	U	0.05	U	0.04	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.33	U	0.05	U	0.04	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.33	U	0.05	U	0.04	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.33	U	0.05	U	0.04	U
Caprolactam	105-60-2	~	~	~	0.67	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.33	U	0.05	U	0.04	U
Chrysene	218-01-9	1	3.9	1	**0.841**	D	**0.17**	D	0.04	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.33	U	0.05	U	0.04	U
Dibenzofuran	132-64-9	7	59	210	0.33	U	0.05	U	0.04	U
Diethyl phthalate	84-66-2	~	~	~	0.33	U	0.05	U	0.04	U
Dimethyl phthalate	131-11-3	~	~	~	0.33	U	0.05	U	0.04	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.33	U	0.05	U	0.04	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.33	U	0.05	U	0.04	U
Diphenylamine	122-39-4	~	~	~	0.67	U	0.09	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	**1.77**	D	**0.386**	D	0.04	U
Fluorene	86-73-7	30	100	386	0.33	U	0.05	U	0.04	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.33	U	0.05	U	0.04	U
Hexachlorobutadiene	87-68-3	~	~	~	0.33	U	0.05	U	0.04	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.33	U	0.05	U	0.04	U
Hexachloroethane	67-72-1	~	~	~	0.33	U	0.05	U	0.04	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.798**	D	**0.118**	D	0.04	U
Isophorone	78-59-1	~	~	~	0.33	U	0.05	U	0.04	U
Naphthalene	91-20-3	12	100	12	0.33	U	0.05	U	0.04	U
Nitrobenzene	98-95-3	~	~	~	0.33	U	0.05	U	0.04	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.33	U	0.05	U	0.04	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.33	U	0.05	U	0.04	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.33	U	0.05	U	0.04	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.33	U	0.05	U	0.04	U
Phenanthrene	85-01-8	100	100	1000	**0.883**	D	**0.276**	D	0.04	U
Phenol	108-95-2	0.33	100	0.33	0.33	U	0.05	U	0.04	U
Pyrene	129-00-0	100	100	1000	**1.56**	D	**0.328**	D	0.04	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-5 (0-2')		23SB-5 (2'-4')		23SB-5 (4'-5')	
Labratory ID					23I0068-01		23I0068-02		23I0068-03	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.019	U	0.018	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		10		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.33	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.65	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.33	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.33	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.33	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.33	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.33	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.65	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.33	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.33	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.33	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.33	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.65	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.33	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.33	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.33	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.33	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.33	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.33	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.65	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.33	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.33	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.33	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.65	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.65	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.33	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.33	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.33	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.33	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.65	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.65	U	0.09	U
Acenaphthene	83-32-9	20	100	98	**0.15**	D	0.33	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	**0.07**	JD	0.33	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.33	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	1.31	U	0.19	U
Anthracene	120-12-7	100	100	1000	**0.35**	D	0.33	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.33	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.33	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	1.31	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	**1.04**	D	0.33	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**0.87**	D	0.33	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.77**	D	0.33	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.43**	D	0.33	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.74**	D	0.33	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.33	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.33	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.33	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.33	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.33	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.33	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.33	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.65	U	0.09	U
Carbazole	86-74-8	~	~	~	**0.09**	JD	0.33	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**1**	D	0.33	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.11	D	0.33	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	**0.07**	JD	0.33	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.33	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.33	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.33	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.33	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.09	U	0.65	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	**2.69**	D	0.33	U	0.05	U
Fluorene	86-73-7	30	100	386	**0.13**	D	0.33	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.33	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.33	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.33	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.33	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.46**	D	0.33	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.33	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.33	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.33	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.33	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.33	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.33	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.33	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**1.91**	D	0.33	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.33	U	0.05	U
Pyrene	129-00-0	100	100	1000	**2.22**	D	0.33	U	0.05	U

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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-6 (0-2')		23SB-6 (2'-4')		23SB-6 (6'-8')	
Labratory ID					23I0068-10		23I0068-11		23I0068-12	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.020	U	0.020	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.04	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.1	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.04	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.04	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.04	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.04	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.04	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.1	U	0.1	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.04	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.04	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.04	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.04	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.1	U	0.1	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.04	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.04	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.04	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.04	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.04	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.04	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.1	U	0.1	U
2-Nitrophenol	88-75-5	~	~	~	0.04	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.04	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.04	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.1	U	0.1	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.1	U	0.1	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.04	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.04	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.04	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.04	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.1	U	0.1	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.1	U	0.1	U
Acenaphthene	83-32-9	20	100	98	0.04	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.04	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.04	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.18	U	0.19	U	0.2	U
Anthracene	120-12-7	100	100	1000	0.05	JD	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.04	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.04	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.18	U	0.19	U	0.2	U
Benzo(a)anthracene	56-55-3	1	1	1	0.13	D	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	0.12	D	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.14	D	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.07	JD	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.13**	D	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.04	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.04	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.04	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.04	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.04	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.04	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.04	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.1	U	0.1	U
Carbazole	86-74-8	~	~	~	0.04	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**0.13**	D	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.04	U	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.04	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.04	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.04	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.04	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.04	U	0.05	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.09	U	0.1	U	0.1	U
Fluoranthene	206-44-0	100	100	1000	**0.3**	D	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	0.04	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.04	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.04	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.04	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.04	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.07**	JD	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.04	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.04	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.04	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.04	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.04	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.04	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.04	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**0.28**	D	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.04	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.24**	D	0.05	U	0.05	U

NOTES:
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Bold and highlighted values are concentrations above soil cleanup objectives
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U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-7 (0-2')		23SB-7 (2'-4')		23SB-7 (4'-6')	
Labratory ID					23I1882-01		23I1882-02		23I1882-03	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.02	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					20		20		2	
1,1-Biphenyl	92-52-4	~	~	~	0.48	U	0.46	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.96	U	0.93	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.48	U	0.46	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.48	U	0.46	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.48	U	0.46	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.48	U	0.46	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.48	U	0.46	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.96	U	0.93	U	0.1	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.48	U	0.46	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.48	U	0.46	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.48	U	0.46	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.48	U	0.46	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.96	R	0.93	R	0.1	R
2,4-Dinitrotoluene	121-14-2	~	~	~	**1.21**	J	0.46	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	**28.1**		0.46	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.48	U	0.46	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.48	U	0.46	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.48	U	0.46	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.48	U	0.46	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.96	U	0.93	U	0.1	U
2-Nitrophenol	88-75-5	~	~	~	0.48	U	0.46	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.48	U	0.46	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	**7.04**		0.46	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.96	U	0.93	U	0.1	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.96	R	0.93	R	0.1	R
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.48	U	0.46	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	**1.28**	J	0.46	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.48	U	0.46	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.48	U	0.46	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.96	U	0.93	U	0.1	U
4-Nitrophenol	100-02-7	~	~	~	0.96	U	0.93	U	0.1	U
Acenaphthene	83-32-9	20	100	98	**0.972**	D	**1.74**	D	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.48	U	0.46	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.48	U	0.46	U	0.05	U
Aniline	62-53-3	~	~	~	1.92	U	1.85	U	0.19	U
Anthracene	120-12-7	100	100	1000	**2.86**	D	**4.27**	D	0.05	U
Atrazine	1912-24-9	~	~	~	0.48	U	0.46	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.48	U	0.46	U	0.05	U
Benzidine	92-87-5	~	~	~	1.92	U	1.85	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	**6.38**	D	**16.2**	D	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**5**	D	**14.6**	D	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**6.79**	D	**17.7**	D	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**4.38**	D	**9.13**	D	**0.077**	JD
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**2.58**	D	**6.53**	D	0.05	U
Benzoic acid	65-85-0	~	~	~	0.48	U	0.46	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.48	U	0.46	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	1.2	U	0.46	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.48	U	0.46	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.48	U	0.46	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.48	U	0.46	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**1.15**	D	0.46	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.96	U	0.93	U	0.1	U
Carbazole	86-74-8	~	~	~	**1.2**	D	**0.64**	JD	0.05	U
Chrysene	218-01-9	1	3.9	1	**6.59**	D	**17.5**	D	0.05	U
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	1000	**1.01**	D	**2.15**	D	0.05	U
Dibenzofuran	132-64-9	7	59	210	**0.63**	JD	0.46	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.48	U	0.46	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	**11.4**		0.46	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.48	U	0.46	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.48	U	0.46	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.96	U	0.93	U	0.1	U
Fluoranthene	206-44-0	100	100	1000	**251**	D	**28.5**	D	**0.049**	JD
Fluorene	86-73-7	30	100	386	**5.91**	D	**0.999**	D	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	**2.87**	D	0.46	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.48	U	0.46	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.48	U	0.46	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	**23.9**	D	0.46	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**4.65**	D	**10.5**	D	0.05	U
Isophorone	78-59-1	~	~	~	**3.87**	D	0.46	U	0.05	U
Naphthalene	91-20-3	12	100	12	1.2	U	0.46	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	**1.88**	J	0.46	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.48	U	0.46	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.48	U	0.46	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	**6.37**	D	0.46	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.48	U	0.46	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**11.1**	D	**20.9**	D	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.48	U	0.46	U	0.05	U
Pyrene	129-00-0	100	100	1000	**12.1**	D	**29.4**	D	**0.068**	JD

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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-8 (0-2')		23SB-8 (1'-3')		23SB-8 (3'-5')	
Labratory ID					23I1882-04		23I1882-05		23I1882-06	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.019	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					10		5		2	
1,1-Biphenyl	92-52-4	~	~	~	0.39	U	0.11	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.78	U	0.22	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.39	U	0.11	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.39	U	0.11	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.39	U	0.11	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.39	U	0.11	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.39	U	0.11	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.78	UJ	0.22	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.39	UJ	0.11	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.39	UJ	0.11	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.39	UJ	0.11	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.39	UJ	0.11	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.78	R	0.22	R	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.39	U	0.11	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.39	U	0.11	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.39	U	0.11	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.39	UJ	0.11	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	**0.983**	D	0.11	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.39	UJ	0.11	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.78	U	0.22	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.39	UJ	0.11	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.39	UJ	0.11	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.39	U	0.11	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.78	U	0.22	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.78	R	0.22	R	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.39	U	0.11	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.39	UJ	0.11	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.39	U	0.11	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.39	U	0.11	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.78	U	0.22	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.78	UJ	0.22	U	0.09	U
Acenaphthene	83-32-9	20	100	98	**1.6**	D	**0.185**	JD	0.05	U
Acenaphthylene	208-96-8	100	100	107	**1.18**	D	0.11	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.39	U	0.11	U	0.05	U
Aniline	62-53-3	~	~	~	1.57	U	0.44	U	0.18	U
Anthracene	120-12-7	100	100	1000	**5.09**	D	**0.735**	D	0.05	U
Atrazine	1912-24-9	~	~	~	0.39	U	0.11	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.39	U	0.11	U	0.05	U
Benzidine	92-87-5	~	~	~	1.57	U	0.44	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	**11**	D	**2.86**	D	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**7.78**	D	**2.6**	D	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**11**	D	**3.12**	D	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**6.32**	D	**2.11**	D	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**4.01**	D	**1.11**	D	0.05	U
Benzoic acid	65-85-0	~	~	~	0.39	U	0.11	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.39	U	0.11	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	**3.12**	D	**0.21**	JD	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.39	U	0.11	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.39	U	0.11	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.39	U	0.11	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**1.72**	D	0.11	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.78	U	0.22	U	0.09	U
Carbazole	86-74-8	~	~	~	**2.25**	D	0.11	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**11.3**	D	**3.08**	D	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**1.73**	D	**0.41**	D	0.05	U
Dibenzofuran	132-64-9	7	59	210	**1.26**	D	0.11	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.39	U	0.11	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.39	U	0.11	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.39	U	0.11	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.39	U	0.11	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.78	U	0.22	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	**20.9**	D	**5.02**	D	0.05	U
Fluorene	86-73-7	30	100	386	**1.77**	D	0.11	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.39	U	0.11	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.39	U	0.11	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.39	U	0.11	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.39	U	0.11	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**7.18**	D	**2.34**	D	0.05	U
Isophorone	78-59-1	~	~	~	0.39	U	0.11	U	0.05	U
Naphthalene	91-20-3	12	100	12	**1.55**	D	0.11	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.39	U	0.11	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.39	U	0.11	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.39	U	0.11	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.39	U	0.11	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.39	UJ	0.11	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**21.5**	D	**2.86**	D	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.39	UJ	0.11	U	0.05	U
Pyrene	129-00-0	100	100	1000	**21.1**	D	**5.88**	D	0.05	U

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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-9 (0-2')		23SB-9 (4'-6')		23SB-9 (6'-8')	
Labratory ID					23J0803-01		23J0803-02		23J0803-03	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.02	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		25		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	**0.1**	D	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.09	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.09	U	0.10	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	R	0.09	U	0.10	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	**0.18**	D	**0.27**	D	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.09	U	0.1	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.09	U	0.1	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.09	U	0.1	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.09	U	0.1	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.09	U	0.1	U
Acenaphthene	83-32-9	20	100	98	**0.48**	D	**1.57**	D	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	**0.07**	JD	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.18	U	0.2	U
Anthracene	120-12-7	100	100	1000	**0.77**	D	**3.87**	D	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.18	U	0.2	U
Benzo(a)anthracene	56-55-3	1	1	1	**1.46**	D	**9.34**	D	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**0.98**	D	**7.25**	D	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**1.2**	D	**5.39**	D	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.57**	D	**5.08**	D	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.45**	D	**5.74**	D	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	**0.07**	JD	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	**0.09**	D	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.09	U	0.1	U
Carbazole	86-74-8	~	~	~	**0.29**	D	**0.74**	D	0.05	U
Chrysene	218-01-9	1	3.9	1	**1.29**	D	**9.22**	D	0.05	U
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	1000	**0.13**	D	**1.15**	D	0.05	U
Dibenzofuran	132-64-9	7	59	210	**0.25**	D	**0.62**	D	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.09	U	0.09	U	0.1	U
Fluoranthene	206-44-0	100	100	1000	**2.61**	J-	**19.3**	D	0.05	U
Fluorene	86-73-7	30	100	386	**0.34**	D	**0.71**	D	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.69**	D	**3.92**	D	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	**0.6**	J-	**0.32**	D	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**2.9**	J-	**19.1**	D	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**2.98**	J-	**21.1**	D	0.05	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-10 (0-2') 23J0803-07 10/11/2023 Soil		23SB-10 (4'-6') 23J0803-08 10/11/2023 Soil		23SB-10 (6'-8') 23J0803-09 10/11/2023 Soil		23SB-10 (DUP) 23J0803-10 10/11/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.0	U	0.019	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.04	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.04	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.04	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.04	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.04	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U	0.04	U	**0.1**	D
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U	0.04	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.18	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.05	U	0.04	U	**0.17**	D
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.18	U	0.18	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	0.05	U	0.04	U	**0.35**	D
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	0.05	U	0.04	U	**0.28**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	0.05	U	0.04	U	**0.33**	D
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	0.05	U	0.04	U	**0.16**	D
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	0.05	U	0.04	U	**0.12**	D
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U	0.04	U	**0.08**	JD
Chrysene	218-01-9	1	3.9	1	0.05	U	0.05	U	0.04	U	**0.35**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	0.05	U	0.04	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U	0.04	U	**0.07**	JD
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	0.05	U	0.04	U	**0.78**	D
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U	0.04	U	**0.07**	JD
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.04	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	0.05	U	0.04	U	0.18	D
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U	0.04	U	**0.08**	JD
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.04	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.04	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	0.05	U	0.04	U	**0.92**	D
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.04	U	0.05	U
Pyrene	129-00-0	100	100	1000	0.05	U	0.05	U	0.04	U	**0.83**	D

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-11 (0-2')		23SB-11 (4'-6')		23SB-11 (6-8)	
Labratory ID					23J0803-04		23J0803-05		23J0803-06	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.019	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		5		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.1	U	0.1	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.1	U	0.1	U	0.1	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.1	U	0.1	U	0.1	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	**0.07**	JD	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.1	U	0.1	U	0.1	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.1	U	0.1	U	0.1	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.1	U	0.1	U	0.1	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.1	U	0.1	U	0.1	U
4-Nitrophenol	100-02-7	~	~	~	0.1	U	0.1	U	0.1	U
Acenaphthene	83-32-9	20	100	98	0.05	U	**0.34**	D	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.2	U	0.19	U	0.19	U
Anthracene	120-12-7	100	100	1000	0.05	U	**0.68**	D	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.20	U	0.19	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	**2.06**	D	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	**1.47**	D	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	**1.74**	D	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	**1.02**	D	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	**0.59**	D	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.10	U	0.1	U	0.1	U
Carbazole	86-74-8	~	~	~	0.05	U	**0.17**	D	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	**2.01**	D	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	**0.3**	D	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	**0.1**	D	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.1	U	0.1	U	0.1	U
Fluoranthene	206-44-0	100	100	1000	**0.06**	JD	**3.64**	D	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	**0.18**	D	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	**1.12**	D	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	**0.09**	JD	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	**3.14**	D	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.05**	JD	**3.84**	D	0.05	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
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U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-12 (0-2') 23J0716-05 10/10/2023 Soil		23SB-12 (4'-6') 23J0716-06 10/10/2023 Soil		23SB-12 (6'-8') 23J0716-07 10/10/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1.0		1.0	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.0	U	0.0	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		2.0		2.0	
1,1-Biphenyl	92-52-4	~	~	~	0.06	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.11	U	0.11	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.06	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.06	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.06	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.06	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.06	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.11	U	0.11	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.06	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.06	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.06	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.06	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.11	U	0.11	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.06	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.06	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.06	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.06	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.06	U	0.1	U	0.0	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.06	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.11	U	0.11	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.06	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.06	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.06	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.11	U	0.11	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.11	U	0.11	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.06	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.06	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.06	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.06	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.11	U	0.11	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.11	U	0.11	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.06	U	0.1	U	**0.0523**	JD
Acenaphthylene	208-96-8	100	100	107	0.06	U	0.1	U	0.0	U
Acetophenone	98-86-2	~	~	~	0.06	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.22	U	0.2	U	0.2	U
Anthracene	120-12-7	100	100	1000	0.06	U	0.1	U	**0.0925**	JD
Atrazine	1912-24-9	~	~	~	0.06	U	0.1	U	0.0	U
Benzaldehyde	100-52-7	~	~	~	0.06	U	0.1	U	0.0	U
Benzidine	92-87-5	~	~	~	0.22	U	0.2	U	0.2	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.148**	D	**0.258**	D	**0.291**	D
Benzo(a)pyrene	50-32-8	1	1	22	**0.129**	D	**0.274**	D	**0.240**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.154**	D	**0.289**	D	**0.294**	D
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.086**	JD	**0.160**	D	**0.153**	D
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.075**	JD	**0.120**	D	**0.127**	D
Benzoic acid	65-85-0	~	~	~	0.06	U	0.05	U	0.05	R
Benzyl alcohol	100-51-6	~	~	~	0.06	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.06	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.06	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.06	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.06	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.06	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.11	U	0.11	U	0.09	U
Carbazole	86-74-8	~	~	~	0.06	U	0.1	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**0.146**	D	**0.269**	D	**0.278**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.06	U	0.1	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.06	U	0.1	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.06	U	0.1	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.06	U	0.1	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.06	U	0.1	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.06	U	0.1	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.11	U	0.1	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	**0.248**	D	**0.352**	D	**0.595**	D
Fluorene	86-73-7	30	100	386	0.06	U	0.1	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.06	U	0.1	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.06	U	0.1	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.06	U	0.1	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.06	U	0.1	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.101**	JD	**0.175**	D	**0.178**	D
Isophorone	78-59-1	~	~	~	0.06	U	0.1	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.06	U	0.1	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.06	U	0.1	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.06	U	0.1	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.06	U	0.1	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.06	U	0.1	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.06	U	0.1	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**0.21**	D	**0.147**	D	**0.459**	D
Phenol	108-95-2	0.33	100	0.33	0.06	U	0.1	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.265**	D	**0.453**	D	**0.586**	D

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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-13 (0-2')		23SB-13 (4'-6')		23SB-13 (6'-8')		23SB-13 (DUP)	
Labratory ID					23J0716-01		23J0716-02		23J0716-03		23J0716-04	
Sampling Date					10/10/2023		10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1.0		1.0		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.0	U	0.0189	U	0.019	U	0.019	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					2.0		50.0		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.0487	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.0487	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.0487	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.1	U	**0.431**	D	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.0487	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.0487	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
4-Nitrophenol	100-02-7	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
Acenaphthene	83-32-9	20	100	98	0.1	U	**1.28**	D	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.1	U	**0.337**	D	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.2	U	0.195	U	0.19	U	0.2	U
Anthracene	120-12-7	100	100	1000	0.1	U	**4.76**	D	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.2	U	0.195	U	0.19	U	0.2	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.0668**	JD	**15.4**	D	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**0.0544**	JD	**13.5**	D	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.0693**	JD	**15.3**	D	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.1	U	**8.41**	D	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.1	U	**5.6**	D	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	**0.0948**	JD	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.0487	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**0.0676**	JD	**0.103**	D	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.10	U	0.0972	U	0.10	U	0.10	U
Carbazole	86-74-8	~	~	~	0.1	U	**0.592**	D	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**0.0643**	JD	**14.8**	D	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.1	U	**2.15**	D	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.1	U	**0.555**	D	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Diphenylamine	122-39-4	~	~	~	0.1	U	0.0972	U	0.1	U	0.1	U
Fluoranthene	206-44-0	100	100	1000	**0.103**	D	**23.3**	D	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	0.1	U	**1.12**	D	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.1	U	0.0487	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.1	U	**9.36**	D	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.1	U	**0.445**	D	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.1	U	0.0487	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.1	U	0.0487	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**0.093**	JD	**20.4**	D	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.1	U	0.0487	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.122**	D	**29.8**	D	0.05	U	0.05	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.
J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-14 (0-2')		23SB-14 (2'-4')		23SB-14 (4'-6')	
Labratory ID					23I0068-07		23I0068-08		23I0068-09	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.018	U	0.02	U
Semi-Volatiles, 8270 - Comprehensive		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.04	U	0.04	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.04	U	0.04	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.04	U	0.04	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.04	U	0.04	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.04	U	0.04	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.04	U	0.04	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.04	U	0.04	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.04	U	0.04	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.04	U	0.04	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.04	U	0.04	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.04	U	0.04	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.04	U	0.04	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.04	U	0.04	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.04	U	0.04	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	**0.0691**	JD	0.04	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.04	U	0.04	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.04	U	0.04	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.04	U	0.04	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.04	U	0.04	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.04	U	0.04	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.04	U	0.04	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.04	U	0.04	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.04	U	0.04	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	**0.248**	D	0.04	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.04	U	0.04	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.04	U	0.04	U
Aniline	62-53-3	~	~	~	0.19	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	0.05	U	**0.340**	D	0.04	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.04	U	0.04	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.04	U	0.04	U
Benzidine	92-87-5	~	~	~	0.19	U	0.18	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.0568**	JD	**0.52**	D	0.04	U
Benzo(a)pyrene	50-32-8	1	1	22	**0.0671**	JD	**0.457**	D	0.04	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.0804**	JD	**0.537**	D	0.04	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	**0.25**	D	0.04	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	**0.201**	D	0.04	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.04	U	0.04	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.04	U	0.04	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.04	U	0.04	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.04	U	0.04	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.04	U	0.04	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.04	U	0.04	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.04	U	0.04	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	**0.147**	D	0.04	U
Chrysene	218-01-9	1	3.9	1	**0.0553**	JD	**0.507**	D	0.04	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	**0.051**	JD	0.04	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.04	U	0.04	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.04	U	0.04	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.04	U	0.04	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.04	U	0.04	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.04	U	0.04	U
Diphenylamine	122-39-4	~	~	~	0.09	U	0.09	U	0.09	U
Fluoranthene	206-44-0	100	100	1000	**0.102**	D	**1.43**	D	0.04	U
Fluorene	86-73-7	30	100	386	0.05	U	**0.165**	D	0.04	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.04	U	0.04	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.04	U	0.04	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.04	U	0.04	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.04	U	0.04	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.0465**	JD	**0.292**	D	0.04	U
Isophorone	78-59-1	~	~	~	0.05	U	0.04	U	0.04	U
Naphthalene	91-20-3	12	100	12	0.05	U	**0.103**	D	0.04	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.04	U	0.04	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.04	U	0.04	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.04	U	0.04	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.04	U	0.04	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.04	U	0.04	U
Phenanthrene	85-01-8	100	100	1000	0.05	JD	**1.68**	D	0.04	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.04	U	0.04	U
Pyrene	129-00-0	100	100	1000	**0.0849**	JD	**1.14**	D	0.04	U

NOTES:
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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-1 (6'-8') 24C1187-01 3/19/2024 Soil		SB-DUP-1 24C1187-17 3/19/2024 Soil		24SB-1 (18'-20') 24C1187-02 3/19/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.019	U	0.018	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	**0.07**	JD
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U	**0.45**	D
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U	**0.37**	D
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U	**0.05**	JD
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.05	U	**0.73**	D
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.18	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	0.05	U	**0.59**	D
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	0.05	U	**0.55**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	0.05	U	**0.26**	D
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	0.05	U	**0.22**	D
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	0.05	U	**0.31**	D
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	0.05	U	**0.61**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	0.05	U	**0.08**	JD
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U	**0.07**	JD
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	0.05	U	**0.999**	D
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U	**0.47**	D
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	0.05	U	**0.16**	D
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U	**0.35**	D
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	0.05	U	**2.56**	D
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	0.05	U	0.05	U	**1.36**	D

NOTES:
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Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-2 (6'-8') 24C1187-10 3/19/2024 Soil		24SB-2 (18'-20') 24C1187-11 3/19/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.019	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.10	U	0.10	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.10	U	0.10	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.10	U	0.10	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.10	U	0.10	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.10	U	0.10	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.10	U	0.10	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.10	U	0.10	U
4-Nitrophenol	100-02-7	~	~	~	0.10	U	0.10	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.20	U	0.20	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.20	U	0.20	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.10	U	0.10	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	0.05	U	0.05	U

NOTES:

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~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-3 (6'-8') 24C1494-01 3/22/2024 Soil		24SB-3 (14'-16') 24C1494-02 3/22/2024 Soil		SB-DUP-4 24C1496-15 3/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.02	U	0.02	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.10	U	0.10	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.10	U	0.10	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.10	U	0.10	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.10	U	0.10	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.10	U	0.10	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.10	U	0.10	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.10	U	0.10	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.10	U	0.10	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.19	U	0.19	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.19	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.10	U	0.10	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	0.05	U	0.05	U	0.05	U

NOTES:
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Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
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U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-4 (8'-10') 24C1419-01 3/21/2024 Soil		24SB-4 (16'-18') 24C1419-02 3/21/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.019	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.19	U
Anthracene	120-12-7	100	100	1000	**0.06**	JD	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.17**	D	**0.05**	JD
Benzo(a)pyrene	50-32-8	1	1	22	**0.19**	D	**0.06**	JD
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.12**	D	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.08**	JD	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.13**	D	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**0.15**	D	**0.05**	JD
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	**0.28**	D	**0.10**	D
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.11**	D	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**0.23**	D	**0.05**	JD
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.23**	D	**0.09**	JD

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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-5 (6'-8')		24SB-5 (14'-16')	
Laboratory ID					24C1419-08		24C1403-07	
Sampling Date					3/21/2024		3/21/2024	
Sample Matrix					Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.019	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.10	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.10	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.10	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.10	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.10	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.10	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.10	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.10	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.19	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.10	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	0.05	U	0.05	U

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SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-6 (0-2')		24SB-6 (4'-6')		24SB-6 (6'-8')		24SB-6 (12'-14')	
Laboratory ID					24C1317-24		24C1317-25		24C1317-26		24C1317-27	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.02	U	0.02	U	0.02	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.04	U	0.05	U	0.04	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.04	U	0.05	U	0.04	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.04	U	0.05	U	0.04	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.04	U	0.05	U	0.04	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.04	U	0.05	U	0.04	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.04	U	0.05	U	0.04	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.04	U	0.05	U	0.04	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Aniline	62-53-3	~	~	~	0.18	U	0.18	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.04	U	0.05	U	0.04	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Benzidine	92-87-5	~	~	~	0.18	U	0.18	U	0.18	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.18**	D	0.04	U	0.05	U	0.04	U
Benzo(a)pyrene	50-32-8	1	1	22	**0.22**	D	0.04	U	0.05	U	0.04	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.19**	D	0.04	U	0.05	U	0.04	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.18**	D	0.04	U	0.05	U	0.04	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.15**	D	0.04	U	0.05	U	0.04	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**0.09**	JD	**0.07**	JD	0.05	U	0.04	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Chrysene	218-01-9	1	3.9	1	0.17	D	0.04	U	0.05	U	0.04	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**0.05**	JD	0.04	U	0.05	U	0.04	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.04	U	0.05	U	0.04	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Fluoranthene	206-44-0	100	100	1000	**0.24**	D	0.04	U	0.05	U	0.04	U
Fluorene	86-73-7	30	100	386	0.05	U	0.04	U	0.05	U	0.04	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.04	U	0.05	U	0.04	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.19**	D	0.04	U	0.05	U	0.04	U
Isophorone	78-59-1	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.04	U	0.05	U	0.04	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.04	U	0.05	U	0.04	U
Phenanthrene	85-01-8	100	100	1000	**0.11**	D	0.04	U	0.05	U	0.04	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.04	U	0.05	U	0.04	U
Pyrene	129-00-0	100	100	1000	**0.35**	D	0.04	U	0.05	U	0.05	JD

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-7 (0-2')		24SB-7 (4'-6')		24SB-7 (6'-8')		24SB-7 (12'-14')	
Laboratory ID					24C1317-01		24C1317-02		24C1317-03		24C1317-04	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.018	U	0.019	U	0.02	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					5		20		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	**0.07**	JD	**0.15**	D	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
Acenaphthene	83-32-9	20	100	98	**0.15**	D	**0.54**	D	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	**0.39**	D	**0.58**	D	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.18	U	0.21	U	0.20	U	0.20	U
Anthracene	120-12-7	100	100	1000	**0.69**	D	**2.30**	D	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	**0.05**	JD	**0.08**	JD	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.18	U	0.21	U	0.20	U	0.20	U
Benzo(a)anthracene	56-55-3	1	1	1	**2.44**	D	**10.3**	D	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**2.39**	D	**9.23**	D	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**3.13**	D	**9.46**	D	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**2.74**	D	**8.30**	D	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**2.11**	D	**7.24**	D	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	**0.07**	JD	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**0.24**	D	**0.15**	D	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.11	U	0.10	U	0.10	U
Carbazole	86-74-8	~	~	~	0.35	D	1.04	D	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**2.45**	D	**10.4**	D	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**1**	D	**2.49**	D	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.09	JD	0.33	D	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	**2.78**	D	**24.1**	D	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	**0.21**	D	**0.77**	D	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**2.47**	D	**7.95**	D	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	**0.06**	JD	**0.18**	D	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**2.07**	D	**14.5**	D	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**3.17**	D	**15.8**	D	0.05	U	0.05	U

NOTES:
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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
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NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	24SB-8 (0-2')		24SB-8 (4'-6')		24SB-8 (6'-8')		24SB-8 (12'-14')	
Laboratory ID					24C1317-08		24C1317-09		24C1317-10		24C1317-11	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.02	U	0.02	U	0.02	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	**0.05**	JD	0.05	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
Acenaphthene	83-32-9	20	100	98	**0.09**	JD	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	**0.09**	JD	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.20	U	0.20	U	0.19	U
Anthracene	120-12-7	100	100	1000	0.37	D	0.05	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.20	U	0.20	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	**1.29**	D	**0.07**	JD	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**1.58**	D	**0.07**	JD	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**1.49**	D	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**1.55**	D	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**1.05**	D	0.05	U	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.11	D	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**0.22**	D	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.10	U	0.10	U	0.10	U	0.09	U
Carbazole	86-74-8	~	~	~	0.14	D	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**1.22**	D	**0.07**	JD	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**0.46**	D	0.05	U	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.08	JD	0.05	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	**2.38**	D	**0.11**	D	**0.06**	JD	0.05	U
Fluorene	86-73-7	30	100	386	**0.11**	D	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**1.47**	D	**0.06**	JD	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.12	D	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**1.23**	D	**0.06**	JD	**0.06**	JD	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**2.08**	D	**0.15**	D	**0.07**	JD	0.05	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-9 (0-2')		24SB-9 (4'-6')		24SB-9 (6'-8')		SB-DUP-3		24SB-9 (12'-14')		24SB-9 (14'-16')	
Laboratory ID					24C1403-11		24C1403-12		24C1403-13		24C1419-17		24C1403-14		24C1419-18	
Sampling Date					3/21/2024		3/21/2024		3/21/2024		3/21/2024		3/21/2024		3/21/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1			
1,4-Dioxane	123-91-1	0.1	13	0.1	0.019	U	0.019	U	0.020	U	0.019	U	0.019	U	NT	
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					10		5		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.17	D	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	**0.48**	D	**0.11**	D	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
Acenaphthene	83-32-9	20	100	98	**0.8**	D	**0.29**	D	**0.06**	JD	0.05	U	**0.14**	D	**0.05**	JD
Acenaphthylene	208-96-8	100	100	107	**0.25**	D	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U
Anthracene	120-12-7	100	100	1000	**2.2**	D	**0.74**	D	**0.19**	D	0.05	U	**0.42**	D	**0.14**	D
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	**3.5**	D	**2.26**	D	**0.72**	D	0.05	U	**1.29**	D	**0.42**	D
Benzo(a)pyrene	50-32-8	1	1	22	**3.05**	D	**2.29**	D	**0.78**	D	0.05	U	**1.37**	D	**0.4**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**2.87**	D	**1.98**	D	**0.61**	D	0.05	U	**1.28**	D	**0.32**	D
Benzo(g,h,i)perylene	191-24-2	100	100	1000	1.85	D	1.42	D	**0.44**	D	0.05	U	**0.73**	D	**0.26**	D
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**2.32**	D	**1.52**	D	**0.52**	D	0.05	U	**0.96**	D	**0.31**	D
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	**0.24**	D	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**0.11**	D	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.1	U	0.09	U	0.09	U	0.09	U	0.1	U	0.09	U
Carbazole	86-74-8	~	~	~	1.03	D	0.21	D	0.05	U	0.05	U	**0.22**	D	0.05	U
Chrysene	218-01-9	1	3.9	1	**3.08**	D	**2.13**	D	**0.67**	D	0.05	U	**1.19**	D	**0.48**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**0.72**	D	**0.45**	D	**0.14**	D	0.05	U	**0.27**	D	**0.05**	JD
Dibenzofuran	132-64-9	7	59	210	0.82	D	0.16	D	0.05	U	0.05	U	**0.1**	D	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	**7.78**	D	**4.07**	D	**1.42**	D	0.05	U	**2.61**	D	**1.1**	D
Fluorene	86-73-7	30	100	386	**0.8**	D	**0.24**	D	0.05	U	0.05	U	**0.12**	D	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**1.96**	D	**1.37**	D	**0.43**	D	0.05	U	**0.75**	D	**0.21**	D
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	**0.77**	D	**0.18**	D	0.05	U	0.05	U	**0.08**	JD	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	**0.23**	D	0.05	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**9.49**	D	**3.18**	D	**0.93**	D	0.05	U	**1.96**	D	**0.69**	D
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**6.91**	D	**4.03**	D	**1.19**	D	0.05	U	**1.94**	D	**0.86**	D

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-10 (5'-7')		24SB-10 (9'-11')		24SB-10 (11'-13')		24SB-10 (17'-19')	
Laboratory ID					24C1494-07		24C1494-08		24C1494-09		24C1494-10	
Sampling Date					3/22/2024		3/22/2024		3/22/2024		3/22/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.02	U	0.02	U	0.02	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.1	U	0.10	U	0.09	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.1	U	0.1	U	0.09	U	0.1	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.1	U	0.1	U	0.09	U	0.1	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.1	U	0.1	U	0.09	U	0.1	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.1	U	0.1	U	0.09	U	0.1	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.1	U	0.1	U	0.09	U	0.1	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.1	U	0.1	U	0.09	U	0.1	U
4-Nitrophenol	100-02-7	~	~	~	0.1	U	0.1	U	0.09	U	0.1	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.2	U	0.2	U	0.19	U	0.2	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.05	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.2	U	0.2	U	0.19	U	0.2	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	0.05	U	0.05	U	0.26	D
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	0.05	U	0.05	U	0.2	D
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	0.05	U	0.05	U	0.06	JD
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	0.05	U	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.1	U	0.1	U	0.09	U	0.1	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	0.05	U	0.05	U	**0.4**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	0.05	U	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	0.05	U	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	0.05	U	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	0.05	U	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	0.05	U	0.05	U	0.05	U	**0.1**	D

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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-11 (0-2') 24C1317-15 3/20/2024 Soil		24SB-11 (4'-6') 24C1317-16 3/20/2024 Soil		SB-DUP-2 24C1317-31 3/20/2024 Soil		24SB-11 (6'-8') 24C1317-17 3/20/2024 Soil		24SB-11 (12'-14') 24C1317-18 3/20/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.1	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.2	U	0.19	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.2	U	0.19	U	0.18	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.1	U	0.09	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.05**	JD	0.05	U	0.05	U	0.05	U	0.05	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-12 (0-2')		24SB-12 (4'-6')		24SB-12 (6'-8')		24SB-12 (12'-14')	
Laboratory ID					24D1431-35		24D1431-36		24D1431-37		24D1431-38	
Sampling Date					4/22/2024		4/22/2024		4/22/2024		4/22/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor												
1,4-Dioxane	123-91-1	0.1	13	0.1	NT		NT		NT		NT	
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.04	U	0.04	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.04	U	0.04	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.04	U	0.04	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.04	U	0.04	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.04	U	0.04	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.04	U	0.04	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.04	U	0.04	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.18	U	0.18	U	0.18	U	0.19	U
Anthracene	120-12-7	100	100	1000	**0.11**	D	**0.12**	D	**0.10**	D	0.05	U
Atrazine	1912-24-9	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.18	U	0.18	U	0.18	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.36**	D	**0.36**	D	**0.33**	D	**0.09**	JD
Benzo(a)pyrene	50-32-8	1	1	22	**0.38**	D	**0.37**	D	**0.25**	D	**0.1**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.34**	D	**0.3**	D	**0.29**	D	**0.08**	JD
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.29**	D	**0.26**	D	**0.24**	D	**0.07**	JD
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.35**	D	**0.32**	D	**0.27**	D	**0.08**	JD
Benzoic acid	65-85-0	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**1.89**	D	**0.22**	D	**0.12**	D	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**0.37**	D	**0.37**	D	**0.33**	D	**0.10**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**0.09**	D	**0.08**	JD	**0.08**	JD	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.04	U	0.04	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	**0.62**	D	**0.66**	D	**0.6**	D	**0.13**	D
Fluorene	86-73-7	30	100	386	0.04	U	0.04	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.04	U	0.04	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.24	D	0.23	D	0.2	D	**0.05**	JD
Isophorone	78-59-1	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.04	U	0.04	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.04	U	0.04	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.04	U	0.04	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**0.29**	D	**0.41**	D	**0.37**	D	**0.07**	JD
Phenol	108-95-2	0.33	100	0.33	0.04	U	0.04	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.68**	D	**0.7**	D	**0.66**	D	**0.17**	D

NOTES:
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Q is the Qualifier Column with definitions as follows:
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U=analyte not detected at or above the level indicated
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Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-13 (0-2') 24D1431-01 4/22/2024 Soil		SB-DUP-5 24D1431-05 4/22/2024 Soil		24SB-13 (4'-6') 24D1431-02 4/22/2024 Soil		24SB-13 (6'-8') 24D1431-03 4/22/2024 Soil		24SB-13 (12'-14') 24D1431-04 4/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor														
1,4-Dioxane	123-91-1	0.1	13	0.1	NT		NT		NT		NT		NT	
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		20		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.17	D	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.10	U	0.09	U	0.1	U	0.1	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.62	D	0.05	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U
4-Nitrophenol	100-02-7	~	~	~	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U
Acenaphthene	83-32-9	20	100	98	0.05	U	2.54	D	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.13	D	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.2	U	0.19	U	0.2	U	0.2	U	0.19	U
Anthracene	120-12-7	100	100	1000	**0.14**	D	**4.5**	D	0.05	U	0.05	U	**0.05**	JD
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.2	U	0.19	U	0.20	U	0.20	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.34**	D	**6.29**	D	0.05	U	0.05	U	**0.09**	JD
Benzo(a)pyrene	50-32-8	1	1	22	**0.29**	D	**5.52**	D	0.05	U	0.05	U	**0.08**	JD
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.23**	D	**6.59**	D	0.05	U	0.05	U	**0.06**	JD
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.16**	D	**2.48**	D	0.05	U	0.05	U	**0.05**	JD
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.25**	D	**2.21**	D	0.05	U	0.05	U	**0.06**	JD
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**0.08**	JD	0.11	D	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.1	U	0.09	U	0.10	U	0.10	U	0.1	U
Carbazole	86-74-8	~	~	~	0.06	JD	1.81	D	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**0.38**	D	**5.52**	D	0.05	U	0.05	U	**0.08**	JD
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**0.07**	JD	**0.89**	D	0.05	U	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	**1.31**	D	0.05	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	**0.92**	D	**17.7**	D	0.05	U	0.05	U	**0.21**	D
Fluorene	86-73-7	30	100	386	**0.05**	JD	**1.98**	D	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.16	D	**2.27**	D	0.05	U	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	2.36	D	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**0.7**	D	**17.2**	D	0.05	U	0.05	U	**0.22**	D
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.72**	D	**12.4**	D	0.05	U	0.05	U	**0.18**	D

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-14 (0-2') 24D1431-45 4/22/2024 Soil		24SB-14 (4'-6') 24D1431-46 4/22/2024 Soil		24SB-14 (6'-8') 24D1431-47 4/22/2024 Soil		SB-DUP-6 24D1431-49 4/22/2024 Soil		24SB-14 (12'-14') 24D1431-48 4/22/2024 Soil		24SB-14 (14'-16') 24D1431-50 4/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor																
1,4-Dioxane	123-91-1	0.1	13	0.1	NT		NT		NT		NT		NT		NT	
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		10		5		2	
1,1-Biphenyl	92-52-4	~	~	~	0.04	U	0.05	U	0.05	U	**1.38**	D	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.1	U	0.1	U	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.09	U	0.1	U	0.1	U	0.09	U	0.1	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.1	U	0.1	U	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	JD	0.05	U	0.05	U	**10.5**	D	3.25	D	**0.25**	D
2-Methylphenol	95-48-7	0.33	100	0.33	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.1	U	0.1	U	0.09	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.1	U	0.1	U	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.1	U	0.1	U	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.09	U	0.1	U	0.1	U	0.09	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.1	U	0.1	U	0.09	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	**0.08**	JD	0.05	U	0.05	U	0.05	U	1.11	D	0.05	U
Acenaphthylene	208-96-8	100	100	107	**0.04**	JD	0.05	U	0.05	U	0.05	U	1	D	0.05	U
Acetophenone	98-86-2	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.17	U	0.19	U	0.19	U	0.19	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	**0.22**	D	0.05	U	0.05	U	**0.27**	D	0.97	D	**0.07**	JD
Atrazine	1912-24-9	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.17	U	0.19	U	0.19	U	0.19	U	0.18	U	0.18	U
Benzo(a)anthracene	56-55-3	1	1	1	**0.42**	D	**0.11**	D	0.05	U	**0.31**	D	**1.35**	D	**0.10**	D
Benzo(a)pyrene	50-32-8	1	1	22	**0.33**	D	**0.09**	JD	0.05	U	**0.26**	D	**2.66**	D	**0.22**	D
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**0.32**	D	**0.12**	D	0.05	U	**0.21**	D	**1.94**	D	**0.17**	D
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**0.23**	D	**0.07**	JD	0.05	U	**0.16**	D	**1.89**	D	**0.19**	D
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**0.29**	D	0.05	U	0.05	U	**0.22**	D	**1.68**	D	**0.13**	D
Benzoic acid	65-85-0	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.04	U	0.05	U	0.05	U	**0.06**	JD	**0.08**	JD	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.1	U	0.10	U	0.09	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	**0.12**	D	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**0.42**	D	**0.11**	D	0.05	U	**0.32**	D	**1.59**	D	**0.11**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.08	JD	0.05	U	0.05	U	**0.05**	JD	**0.63**	D	**0.06**	JD
Dibenzofuran	132-64-9	7	59	210	0.08	JD	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	**0.92**	D	**0.24**	D	0.05	U	**0.52**	D	**1.89**	D	**0.13**	D
Fluorene	86-73-7	30	100	386	0.05	JD	0.05	U	0.05	U	**1.18**	D	**2.32**	D	**0.21**	D
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**0.19**	D	**0.07**	JD	0.05	U	**0.12**	D	**1.5**	D	**0.14**	D
Isophorone	78-59-1	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.07	JD	0.05	U	0.05	U	**2.49**	D	**0.795**	D	**0.06**	JD
Nitrobenzene	98-95-3	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**0.96**	D	**0.22**	D	0.05	U	**2.12**	D	**3.95**	D	**0.36**	D
Phenol	108-95-2	0.33	100	0.33	0.04	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**0.93**	D	**0.21**	D	0.05	U	**0.71**	D	**2.26**	D	**0.17**	D

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-15 (0-2')		24SB-15 (4'-6')		24SB-15 (6'-8')	
Laboratory ID					24D1431-15		24D1431-16		24D1431-17	
Sampling Date					4/22/2024		4/22/2024		4/22/2024	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor										
1,4-Dioxane	123-91-1	0.1	13	0.1	NT		NT		NT	
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					10		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.13	D	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.09	U	0.10	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.1	U	0.1	U	0.1	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.09	U	0.1	U	0.1	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.40	D	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.09	U	0.1	U	0.1	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.09	U	0.1	U	0.1	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.09	U	0.1	U	0.1	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.16	JD	0.1	U	0.1	U
4-Nitrophenol	100-02-7	~	~	~	0.09	U	0.1	U	0.1	U
Acenaphthene	83-32-9	20	100	98	0.55	D	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.28	D	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.19	U	0.2	U	0.21	U
Anthracene	120-12-7	100	100	1000	1.65	D	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.1	D	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.19	U	0.2	U	0.21	U
Benzo(a)anthracene	56-55-3	1	1	1	**3.03**	D	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	**2.21**	D	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	**2**	D	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	**1.55**	D	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	**1.81**	D	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	**0.11**	D	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	**0.08**	JD	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.09	U	0.1	U	0.1	U
Carbazole	86-74-8	~	~	~	**0.86**	D	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	**2.65**	D	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	**0.54**	D	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.65	D	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	**9.96**	D	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	**0.46**	D	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	**1.32**	D	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	**0.63**	D	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	**7.22**	D	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	**6**	D	0.05	U	0.05	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-15 (12'-14') 24D1431-18 4/22/2024 Soil		24-SB-16 (0-2') 24D1431-25 4/22/2024 Soil		24-SB-16 (4'-6') 24D1431-26 4/22/2024 Soil		24-SB-16 (6'-8') 24D1431-27 4/22/2024 Soil		24-SB-16 (12'-14') 24D1431-28 4/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor														
1,4-Dioxane	123-91-1	0.1	13	0.1	NT		NT		NT		NT		NT	
SVOA, 8270 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	0.1	U	0.09	U	0.1	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,3-Dichlorobenzene	541-73-1	2.4	49	2.4	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1,4-Dichlorobenzene	106-46-7	1.8	13	1.8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	0.1	U	0.09	U	0.1	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dichlorophenol	120-83-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dimethylphenol	105-67-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,4-Dinitrophenol	51-28-5	~	~	~	0.1	U	0.09	U	0.1	U	0.09	U	0.09	U
2,4-Dinitrotoluene	121-14-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2,6-Dinitrotoluene	606-20-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chloronaphthalene	91-58-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Chlorophenol	95-57-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylnaphthalene	91-57-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Methylphenol	95-48-7	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
2-Nitroaniline	88-74-4	~	~	~	0.1	U	0.09	U	0.1	U	0.09	U	0.09	U
2-Nitrophenol	88-75-5	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
3-Nitroaniline	99-09-2	~	~	~	0.1	U	0.09	U	0.1	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	0.1	U	0.09	U	0.1	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chloroaniline	106-47-8	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
4-Nitroaniline	100-01-6	~	~	~	0.1	U	0.09	U	0.10	U	0.09	U	0.09	U
4-Nitrophenol	100-02-7	~	~	~	0.1	U	0.09	U	0.10	U	0.09	U	0.09	U
Acenaphthene	83-32-9	20	100	98	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	100	100	107	0.05	U	0.05	JD	0.05	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aniline	62-53-3	~	~	~	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U
Anthracene	120-12-7	100	100	1000	0.05	U	0.15	D	0.05	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzaldehyde	100-52-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzidine	92-87-5	~	~	~	0.2	U	0.19	U	0.2	U	0.19	U	0.19	U
Benzo(a)anthracene	56-55-3	1	1	1	0.05	U	**0.39**	D	0.05	U	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	1	1	22	0.05	U	**0.36**	D	0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	1	1	1.7	0.05	U	**0.30**	D	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	100	100	1000	0.05	U	**0.24**	D	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	1.7	0.05	U	**0.31**	D	0.05	U	0.05	U	0.05	U
Benzoic acid	65-85-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl alcohol	100-51-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzyl butyl phthalate	85-68-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Caprolactam	105-60-2	~	~	~	0.1	U	0.09	U	0.1	U	0.09	U	0.09	U
Carbazole	86-74-8	~	~	~	0.05	U	**0.06**	JD	0.05	U	0.05	U	0.05	U
Chrysene	218-01-9	1	3.9	1	0.05	U	0.39	D	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	0.05	U	**0.07**	JD	0.05	U	0.05	U	0.05	U
Dibenzofuran	132-64-9	7	59	210	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Diethyl phthalate	84-66-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dimethyl phthalate	131-11-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-butyl phthalate	84-74-2	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Di-n-octyl phthalate	117-84-0	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	100	100	1000	0.05	U	**0.76**	D	0.05	U	0.05	U	0.05	U
Fluorene	86-73-7	30	100	386	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.33	1.2	3.2	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorobutadiene	87-68-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Hexachloroethane	67-72-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	8.2	0.05	U	**0.2**	D	0.05	U	0.05	U	0.05	U
Isophorone	78-59-1	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	12	100	12	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodimethylamine	62-75-9	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	87-86-5	0.8	6.7	0.8	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Phenanthrene	85-01-8	100	100	1000	0.05	U	**0.59**	D	0.05	U	0.05	U	0.05	U
Phenol	108-95-2	0.33	100	0.33	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Pyrene	129-00-0	100	100	1000	0.05	U	**0.84**	D	0.05	U	0.05	U	0.05	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-1 (0-2')		23SB-1 (4'-6')		23SB-1 (6'-8')	
Labratory ID					23J0803-14		23J0803-15		23J0803-16	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5.0		5.0	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.039	U	0.043	U	0.037	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.01	U	0.011	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.099	U	0.108	U	0.094	U

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Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-2 (0-2')		23SB-2 (4'-6')		23SB-2 (6'-8')	
Labratory ID					23J0803-11		23J0803-12		23J0803-13	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.035	U	0.034	U	0.036	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.009	U	0.008	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.089	U	0.086	U	0.091	U

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Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-3 (0-2')		23SB-3 (1'-3')		23SB-3 (3'-5')	
Labratory ID					23I1882-07		23I1882-08		23I1882-09	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	**0.0104**	J-	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	**0.0028**	D	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	**0.074**	J-	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	**0.01**	D	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	**0.01**	D	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.044	U	0.038	U	0.037	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	**0.0248**	D	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	**0.00299**	R	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	**0.0269**	DP	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	**0.0138**	D	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	**0.0147**	D	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	**0.00256**	JN	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.011	U	0.010	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.11	U	0.097	U	0.092	U

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Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-4 (0-2")		23SB-4 (1'-3')		23SB-4 (4'-6')	
Labratory ID					23I0068-04		23I0068-05		23I0068-06	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.003	D	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	UP	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	UP
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	NT		NT		NT	
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.036	U	0.036	U	0.035	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	NT		NT		0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.002	U	0.002	U	NT	
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	NT		NT		NT	
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.009	U	0.009	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.091	U	0.091	U	0.089	U

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Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

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Labratory ID					23I0068-01		23I0068-02		23I0068-03	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	**0.002**	UP	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	NT		NT		NT	
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.037	U	0.034	U	0.037	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	**0.002**	UP
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	NT		NT		NT	
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	NT		NT		NT	
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.009	U	0.009	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.094	U	0.087	U	0.093	U

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Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

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Labratory ID					23I0068-10		23I0068-11		23I0068-12	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	NT		NT		NT	
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.036	U	0.038	U	0.04	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	NT		**0.002**	UP	**0.002**	UP
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.002	U	NT		NT	
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	NT		NT		NT	
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.009	U	0.01	U	0.01	U
Toxaphene	8001-35-2	~	~	~	0.09	U	0.097	U	0.101	U

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Labratory ID					23I1882-01		23I1882-02		23I1882-03	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.038	U	0.037	U	0.037	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	**0.023**	D	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	**0.025**	D	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.01	U	0.009	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.097	U	0.093	U	0.094	U

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Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-8 (0-2")		23SB-8 (1'-3')		23SB-8 (3'-5')	
Labratory ID					23I1882-04		23I1882-05		23I1882-06	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	**0.004**	D	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	**0.117**	DJ-	**0.0165**	RP	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	**0.0096**	D	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	**0.011**	D	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.042	U	0.035	U	0.035	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	**0.00526**	RP	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	**0.0179**	DJ-	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.025	D	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	**0.013**	D	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	**0.014**	D	**0.004**	D	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.01	U	0.009	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.105	U	0.089	U	0.089	U

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Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-9 (0-2')		23SB-9 (4'-6')		23SB-9 (6'-8')	
Labratory ID					23J0803-01		23J0803-02		23J0803-03	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.037	U	0.036	U	0.038	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.009	U	0.009	U	0.010	U
Toxaphene	8001-35-2	~	~	~	0.094	U	0.090	U	0.096	U

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Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-10 (0-2')		23SB-10 (4'-6')		23SB-10 (6'-8')		23SB-10 (DUP)	
Labratory ID					23J0803-07		23J0803-08		23J0803-09		23J0803-10	
Sampling Date					10/11/2023		10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.036	U	0.036	U	0.035	U	0.036	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.009	U	0.009	U	0.009	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.091	U	0.091	U	0.089	U	0.090	U

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Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-11 (0-2')		23SB-11 (4'-6')		23SB-11 (6-8)	
Labratory ID					23J0803-04		23J0803-05		23J0803-06	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.038	U	0.038	U	0.037	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.01	U	0.009	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.097	U	0.095	U	0.095	U

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Labratory ID					23J0716-05		23J0716-06		23J0716-07	
Sampling Date					10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	NT		NT		NT	
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.044	U	0.042	U	0.038	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	NT		NT		NT	
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	NT		NT		NT	
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.011	U	0.011	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.112	U	0.106	U	0.095	U

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Labratory ID					23J0716-01		23J0716-02		23J0716-03		23J0716-04	
Sampling Date					10/10/2023		10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	**0.00777**	D	**0.0136**	D	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	NT		NT		NT		NT	
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.041	U	0.039	U	0.039	U	0.039	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	U	0.002	U	**0.002**	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde [2C]	7421-93-4	~	~	~	NT		NT		NT		NT	
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	NT		NT		NT		NT	
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.010	U	0.010	U	0.01	U	0.0	U
Toxaphene	8001-35-2	~	~	~	0.103	U	0.097	U	0.098	U	0.099	U

NOTES:
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Bold and highlighted values are concentrations above soil cleanup objectives
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J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected

Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-14 (0-2')		23SB-14 (2'-4')		23SB-14 (4'-6')	
Labratory ID					23I0068-07		23I0068-08		23I0068-09	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	UJ	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	**0.002**	UJ	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	**0.002**	UJ	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	UJ	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	UJ	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	NT		0.002	U	0.002	U
alpha-Chlordane [2C]	5103-71-9	0.094	4.2	2.9	**0.003**	JN	NT		NT	
beta-BHC	319-85-7	0.036	0.36	0.09	0.002	UJ	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	~	0.036	UJ	0.036	U	0.036	U
delta-BHC	319-86-8	0.04	100	0.25	0.002	UJ	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.1	**0.002**	UJ	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	102	0.002	UJ	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	UJ	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	1000	0.002	UJ	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	0.06	0.002	UJ	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	~	NT		0.002	U	**0.002**	UP
Endrin aldehyde [2C]	7421-93-4	~	~	~	0.002	UJ	NT		NT	
Endrin ketone	53494-70-5	~	~	~	0.002	UJ	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	UJ	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	NT		0.002	U	0.002	U
gamma-Chlordane [2C]	5566-34-7	~	~	~	**0.003**	JN	NT		NT	
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	UJ	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	UJ	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.009	UJ	0.009	U	0.009	U
Toxaphene	8001-35-2	~	~	~	0.092	UJ	0.090	U	0.090	U

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Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-1 (6'-8')		SB-DUP-1		24SB-1 (18'-20')	
Laboratory ID					24C1187-01		24C1187-17		24C1187-02	
Sampling Date					3/19/2024		3/19/2024		3/19/2024	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.037	U	0.036	U	0.036	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.186	U	0.179	U	0.179	U

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Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-2 (6'-8')		24SB-2 (18'-20')	
Laboratory ID					24C1187-10		24C1187-11	
Sampling Date					3/19/2024		3/19/2024	
Sample Matrix					Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.038	U	0.038	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.191	U	0.19	U

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Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-3 (6'-8')		24SB-3 (14'-16')		SB-DUP-4	
Laboratory ID					24C1494-01		24C1494-02		24C1496-15	
Sampling Date					3/22/2024		3/22/2024		3/22/2024	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.039	U	0.038	U	0.037	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.194	U	0.19	U	0.183	U

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960 Franklin Avenue, Brooklyn, NY

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Laboratory ID					24C1419-01		24C1419-02	
Sampling Date					3/21/2024		3/21/2024	
Sample Matrix					Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.037	U	0.036	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.185	U	0.182	U

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Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-5 (6'-8')		24SB-5 (14'-16')	
Laboratory ID					24C1419-08		24C1403-07	
Sampling Date					3/21/2024		3/21/2024	
Sample Matrix					Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.037	U	0.039	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.186	U	0.193	U

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Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-6 (0-2') 24C1317-24 3/20/2024 Soil		24SB-6 (4'-6') 24C1317-25 3/20/2024 Soil		24SB-6 (6'-8') 24C1317-26 3/20/2024 Soil		24SB-6 (12'-14') 24C1317-27 3/20/2024 Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.036	U	0.035	U	0.037	U	0.035	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.179	U	0.176	U	0.182	U	0.174	U

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Table 5
Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-7 (0-2') 24C1317-01 3/20/2024 Soil		24SB-7 (4'-6') 24C1317-02 3/20/2024 Soil		24SB-7 (6'-8') 24C1317-03 3/20/2024 Soil		24SB-7 (12'-14') 24C1317-04 3/20/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.036	U	0.041	U	0.039	U	0.039	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.18	U	0.207	U	0.194	U	0.193	U

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Pesticides in Soil
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Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-8 (0-2') 24C1317-08 3/20/2024 Soil		24SB-8 (4'-6') 24C1317-09 3/20/2024 Soil		24SB-8 (6'-8') 24C1317-10 3/20/2024 Soil		24SB-8 (12'-14') 24C1317-11 3/20/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	**0.004**	DP	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	**0.006**	D	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	**0.054**	D	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.038	U	0.040	U	0.039	U	0.037	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	**0.003**	D	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.19	U	0.198	U	0.195	U	0.186	U

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Pesticides in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-9 (0-2')		24SB-9 (4'-6')		24SB-9 (6'-8')		SB-DUP-3		24SB-9 (12'-14')	
Laboratory ID					24C1403-11		24C1403-12		24C1403-13		24C1419-17		24C1403-14	
Sampling Date					3/21/2024		3/21/2024		3/21/2024		3/21/2024		3/21/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.071	D	0.004	D	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.039	U	0.037	U	0.037	U	0.038	U	0.039	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.194	U	0.187	U	0.185	U	0.19	U	0.194	U

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Pesticides in Soil
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Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.039	U	0.039	U	0.037	U	0.039	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.195	U	0.195	U	0.187	U	0.194	U

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Laboratory ID					24C1317-15		24C1317-16		24C1317-31		24C1317-17		24C1317-18	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	14	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	72-55-9	0.0033	8.9	17	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	50-29-3	0.0033	7.9	136	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Aldrin	309-00-2	0.005	0.097	0.19	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	319-84-6	0.02	0.48	0.02	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	5103-71-9	0.094	4.2	2.9	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	319-85-7	0.036	0.36	2.9	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	57-74-9	~	~	0.09	0.037	U	0.038	U	0.037	U	0.036	U	0.036	U
delta-BHC	319-86-8	0.04	100	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	60-57-1	0.005	0.2	0.25	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	2.4	24	0.1	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	33213-65-9	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	1031-07-8	2.4	24	102	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	72-20-8	0.014	11	1000	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	7421-93-4	~	~	0.06	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	53494-70-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.1	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	5566-34-7	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	76-44-8	0.042	2.1	0.38	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	1024-57-3	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	72-43-5	~	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Toxaphene	8001-35-2	~	~	~	0.184	U	0.192	U	0.183	U	0.177	U	0.18	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-1 (0-2') 23J0803-14 10/11/2023 Soil		23SB-1 (4'-6') 23J0803-15 10/11/2023 Soil		23SB-1 (6'-8') 23J0803-16 10/11/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-2 (0-2') 23J0803-11 10/11/2023 Soil		23SB-2 (4'-6') 23J0803-12 10/11/2023 Soil		23SB-2 (6'-8 23J0803-13 10/11/2023 Soil
Compound	**CAS Number**				Result	Q	Result	Q	Result
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm
Dilution Factor					1		1		1
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	')	23SB-3 (0-2") 23I1882-07 9/28/2023 Soil		23SB-3 (1'-3') 23I1882-08 9/28/2023 Soil		23SB-3 (3'-5') 23I1882-09 9/28/2023 Soil	
Compound	**CAS Number**				Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Aroclor 1016	12674-11-2	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	U	**0.148**		0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	U	**0.148**		0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-4 (0-2') 23I0068-04 9/1/2023 Soil		23SB-4 (1'-3') 23I0068-05 9/1/2023 Soil		23SB-4 (4'-6') 23I0068-06 9/1/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-5 (0-2') 23I0068-01 9/1/2023 Soil		23SB-5 (2'-4') 23I0068-02 9/1/2023 Soil		23SB-5 (4'-5') 23I0068-03 9/1/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-6 (0-2') 23I0068-10 9/1/2023 Soil		23SB-6 (2'-4') 23I0068-11 9/1/2023 Soil		23SB-6 (6'-8') 23I0068-12 9/1/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-7 (0-2') 23I1882-01 9/28/2023 Soil		23SB-7 (2'-4') 23I1882-02 9/28/2023 Soil		23SB-7 (4'-6') 23I1882-03 9/28/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-8 (0-2') 23I1882-04 9/28/2023 Soil		23SB-8 (1'-3') 23I1882-05 9/28/2023 Soil		23SB-8 (3'-5') 23I1882-06 9/28/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	UJ	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	**0.131**		**0.229**	J-	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	**0.131**		**0.229**		0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-9 (0-2') 23J0803-01 10/11/2023 Soil		23SB-9 (4'-6') 23J0803-02 10/11/2023 Soil		23SB-9 (6'-8') 23J0803-03 10/11/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-10 (0-2')		23SB-10 (4'-6')		23SB-10 (6'-8')		23SB-10 (DU
Labratory ID					23J0803-07		23J0803-08		23J0803-09		23J0803-1
Sampling Date					10/11/2023		10/11/2023		10/11/2023		10/11/202
Sample Matrix					Soil		Soil		Soil		Soil
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm		ppm
Dilution Factor					1		1		1		1
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U	0.02
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U	0.02
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U	0.02
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U	0.02

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	P)	23SB-11 (0-2') 23J0803-04 10/11/2023 Soil		23SB-11 (4'-6') 23J0803-05 10/11/2023 Soil		23SB-11 (6-8) 23J0803-06 10/11/2023 Soil	
Compound	**CAS Number**				Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Aroclor 1016	12674-11-2	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	U	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	U	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-12 (0-2')		23SB-12 (4'-6')		23SB-12 (6'-8')	
Labratory ID					23J0716-05		23J0716-06		23J0716-07	
Sampling Date					10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-13 (0-2') 23J0716-01 10/10/2023 Soil		23SB-13 (4'-6') 23J0716-02 10/10/2023 Soil		23SB-13 (6'-8') 23J0716-03 10/10/2023 Soil		23SB-13 (DUP) 23J0716-04 10/10/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Labratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-14 (0-2') 23I0068-07 9/1/2023 Soil		23SB-14 (2'-4') 23I0068-08 9/1/2023 Soil		23SB-14 (4'-6') 23I0068-09 9/1/2023 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above soil cleanup objectives
Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-1 (6'-8') 24C1187-01 3/19/2024 Soil		SB-DUP-1 24C1187-17 3/19/2024 Soil		24SB-1 (18'-20') 24C1187-02 3/19/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-2 (6'-8') 24C1187-10 3/19/2024 Soil		24SB-2 (18'-20') 24C1187-11 3/19/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-3 (6'-8') 24C1494-01 3/22/2024 Soil		24SB-3 (14'-16') 24C1494-02 3/22/2024 Soil		SB-DUP-4 24C1496-15 3/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-4 (8'-10') 24C1419-01 3/21/2024 Soil		24SB-4 (16'-18') 24C1419-02 3/21/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U

NOTES:

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Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:

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NT=this indicates the analyte was not a target for this sample

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-5 (6'-8') 24C1419-08 3/21/2024 Soil		24SB-5 (14'-16') 24C1403-07 3/21/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm	
Dilution Factor					1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U

NOTES:

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-6 (0-2') 24C1317-24 3/20/2024 Soil		24SB-6 (4'-6') 24C1317-25 3/20/2024 Soil		24SB-6 (6'-8') 24C1317-26 3/20/2024 Soil		24SB-6 (12'-14') 24C1317-27 3/20/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U	0.02	U

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-7 (0-2') 24C1317-01 3/20/2024 Soil		24SB-7 (4'-6') 24C1317-02 3/20/2024 Soil		24SB-7 (6'-8') 24C1317-03 3/20/2024 Soil		24SB-7 (12'-14') 24C1317-04 3/20/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U	0.02	U

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-8 (0-2') 24C1317-08 3/20/2024 Soil		24SB-8 (4'-6') 24C1317-09 3/20/2024 Soil		24SB-8 (6'-8') 24C1317-10 3/20/2024 Soil		24SB-8 (12'-14') 24C1317-11 3/20/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U	0.02	U

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-9 (0-2') 24C1403-11 3/21/2024 Soil		24SB-9 (4'-6') 24C1403-12 3/21/2024 Soil		24SB-9 (6'-8') 24C1403-13 3/21/2024 Soil		SB-DUP-3 24C1419-17 3/21/2024 Soil		24SB-9 (12'-14') 24C1403-14 3/21/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-10 (5'-7') 24C1494-07 3/22/2024 Soil		24SB-10 (9'-11') 24C1494-08 3/22/2024 Soil		24SB-10 (11'-13') 24C1494-09 3/22/2024 Soil		24SB-10 (17'-19') 24C1494-10 3/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U	0.02	U

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Table 6
PCBs in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-11 (0-2') 24C1317-15 3/20/2024 Soil		24SB-11 (4'-6') 24C1317-16 3/20/2024 Soil		SB-DUP-2 24C1317-31 3/20/2024 Soil		24SB-11 (6'-8') 24C1317-17 3/20/2024 Soil		24SB-11 (12'-14') 24C1317-18 3/20/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCB, 8082 MASTER		ppm	ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	11104-28-2	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	11141-16-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	53469-21-9	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	12672-29-6	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	11097-69-1	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1260	11096-82-5	~	~	~	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Total PCBs	1336-36-3	0.1	1	3.2	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U

NOTES:

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-1 (0-2')		23SB-1 (4'-6')		23SB-1 (6'-8')	
Labratory ID					23J0803-14		23J0803-15		23J0803-16	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**3,920**		**3,620**		**10,000**	
Antimony	7440-36-0	~	~	~	2.47	UJ	2.75	UJ	**3.91**	J-
Arsenic	7440-38-2	13	16	16	**7.46**	J	**20.1**	J	**6.87**	J
Barium	7440-39-3	350	400	820	**996**	J-	**82.9**	J-	**36.1**	J-
Beryllium	7440-41-7	7.2	72	47	**0.07**	J	0.06		**0.48**	J
Cadmium	7440-43-9	2.5	4.3	7.5	0.3		0.33		0.29	
Calcium	7440-70-2	~	~	~	**30,000**	J	**14,400**	J	**1,410**	J
Chromium	7440-47-3	~	~	~	**9.85**	J	**9.48**	J	**19.1**	J
Cobalt	7440-48-4	~	~	~	**4.12**		**4.52**		**6.24**	
Copper	7440-50-8	50	270	1720	**51.9**	J	**71**	J	**12.7**	J
Iron	7439-89-6	~	~	~	**5,720**	J	**5,920**	J	**13,000**	J
Lead	7439-92-1	63	400	450	**73.9**		**79.5**		**15.7**	
Magnesium	7439-95-4	~	~	~	**1,510**	UJ	**1,130**	UJ	**2,550**	UJ
Manganese	7439-96-5	1600	2000	2000	**69.7**	UJ	**64.8**	UJ	**76**	UJ
Nickel	7440-02-0	30	310	130	**13.6**		**15.4**		**25**	
Potassium	7440-09-7	~	~	~	**701**	U	**1,240**	U	**843**	U
Selenium	7782-49-2	3.9	180	4	2.47	UJ	2.75	UJ	2.38	UJ
Silver	7440-22-4	2	180	8.3	0.5	UJ	0.55	UJ	0.48	UJ
Sodium	7440-23-5	~	~	~	**320**		**294**		**51**	
Thallium	7440-28-0	~	~	~	2.47	U	2.75	U	2.38	U
Vanadium	7440-62-2	~	~	~	**10.3**		**13.5**		**33.5**	
Zinc	7440-66-6	109	10000	2480	**28.4**	J	**44.6**	J	**40**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.43**		**0.04**		0.03	U

NOTES:

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-2 (0-2')		23SB-2 (4'-6')		23SB-2 (6'-8')	
Labratory ID					23J0803-11		23J0803-12		23J0803-13	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**5,920**		**9,000**		**8,070**	
Antimony	7440-36-0	~	~	~	**5.26**	J-	**7.83**	J-	**4.38**	J-
Arsenic	7440-38-2	13	16	16	**8.55**	J	**17.3**	J	**3.97**	J
Barium	7440-39-3	350	400	820	**49.6**	J-	**67.2**	J-	**70.7**	J-
Beryllium	7440-41-7	7.2	72	47	**0.18**	J	**1.14**	J	0.05	
Cadmium	7440-43-9	2.5	4.3	7.5	0.27		0.26		0.27	
Calcium	7440-70-2	~	~	~	**2,990**	J	**6,500**	J	**2,310**	J
Chromium	7440-47-3	~	~	~	**24.2**	J	**30.3**	J	**19.2**	J
Cobalt	7440-48-4	~	~	~	**10.5**		**13.3**		**11.3**	
Copper	7440-50-8	50	270	1720	**23.8**	J	**14.1**	J	**18.3**	J
Iron	7439-89-6	~	~	~	**16,300**	J	**20,200**	J	**13,600**	J
Lead	7439-92-1	63	400	450	**19.5**		**26.1**		**12.3**	
Magnesium	7439-95-4	~	~	~	**5,520**	UJ	**5,590**	UJ	**8,140**	UJ
Manganese	7439-96-5	1600	2000	2000	**390**	UJ	**558**	UJ	**152**	UJ
Nickel	7440-02-0	30	310	130	**86.9**		**40.5**		**79.9**	
Potassium	7440-09-7	~	~	~	**1,560**	U	**3,050**	U	**2,640**	U
Selenium	7782-49-2	3.9	180	4	2.25	UJ	2.17	UJ	2.28	UJ
Silver	7440-22-4	2	180	8.3	0.45	UJ	0.44	UJ	0.46	UJ
Sodium	7440-23-5	~	~	~	**190**		**198**		**567**	
Thallium	7440-28-0	~	~	~	**3.15**	U	2.17	U	2.28	U
Vanadium	7440-62-2	~	~	~	**25.1**		**38.1**		22.8	
Zinc	7440-66-6	109	10000	2480	**49.2**	J	**52.9**	J	**42.5**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	0.03	U	0.03	U	0.03	U

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-3 (0-2")		23SB-3 (1'-3')		23SB-3 (3'-5')	
Labratory ID					23I1882-07		23I1882-08		23I1882-09	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**12,500**		**12,200**		**7,740**	
Antimony	7440-36-0	~	~	~	**11.8**	J-	**2.56**	J-	**2.69**	J-
Arsenic	7440-38-2	13	16	16	**40.1**		**8.62**		**8.36**	
Barium	7440-39-3	350	400	820	**646**		**27.8**		**45.1**	
Beryllium	7440-41-7	7.2	72	47	**1.06**		**0.18**		**0.22**	
Cadmium	7440-43-9	2.5	4.3	7.5	**15.4**		0.29	U	0.28	U
Calcium	7440-70-2	~	~	~	**12,200**	J-	**959**	J	**1,270**	J
Chromium	7440-47-3	~	~	~	**156**	J-	**17.8**	J-	**18.3**	J-
Cobalt	7440-48-4	~	~	~	**19.4**	J-	**5.74**	J	**7.46**	J
Copper	7440-50-8	50	270	1720	**259**		**19.8**		**16.9**	
Iron	7439-89-6	~	~	~	**54,100**		**13,700**		**13,000**	
Lead	7439-92-1	63	400	450	**3,200**	J	**16.2**	J	**13.4**	J
Magnesium	7439-95-4	~	~	~	**6,610**		**2,830**		**2,440**	
Manganese	7439-96-5	1600	2000	2000	**615**	J	**118**	J	**266**	J
Nickel	7440-02-0	30	310	130	**89.3**	J	**15.4**	J	**31.8**	J
Potassium	7440-09-7	~	~	~	**909**	B	**1,080**	B	**1,230**	B
Selenium	7782-49-2	3.9	180	4	2.75	UJ	2.43	UJ	2.32	UJ
Silver	7440-22-4	2	180	8.3	0.56	UJ	0.49	UJ	0.47	UJ
Sodium	7440-23-5	~	~	~	**306**		**110**		**150**	
Thallium	7440-28-0	~	~	~	**26.9**		**2.57**		**3.86**	
Vanadium	7440-62-2	~	~	~	**81.5**		**30**		**23.3**	
Zinc	7440-66-6	109	10000	2480	**1,960**	J	**35.4**	J	**40.3**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.79**		**0.2**		0.03	U

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-4 (0-2")		23SB-4 (1'-3')		23SB-4 (4'-6')	
Labratory ID					23I0068-04		23I0068-05		23I0068-06	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**6,250**		**11,600**		**7,580**	
Antimony	7440-36-0	~	~	~	2.27	UJ	2.31	UJ	2.25	UJ
Arsenic	7440-38-2	13	16	16	**4.31**		**9.82**		**5.21**	
Barium	7440-39-3	350	400	820	**57.3**		**75.8**		**32.6**	
Beryllium	7440-41-7	7.2	72	47	**0.06**		0.05	U	0.05	U
Cadmium	7440-43-9	2.5	4.3	7.5	**0.31**		0.28	U	0.27	U
Calcium	7440-70-2	~	~	~	**18,400**	J	**2,580**	J	**1,530**	J
Chromium	7440-47-3	~	~	~	**13.3**	J-	**33.20**	J-	**20.3**	J-
Cobalt	7440-48-4	~	~	~	**4.24**	J	**8.37**	J	**6.81**	J
Copper	7440-50-8	50	270	1720	**34.7**		**40.2**		**22.5**	
Iron	7439-89-6	~	~	~	**11,500**		**23,100**		**12,000**	
Lead	7439-92-1	63	400	450	**144**	J	**206**	J	**23.4**	J
Magnesium	7439-95-4	~	~	~	**9,240**		**4,170**		**3,290**	
Manganese	7439-96-5	1600	2000	2000	**195**	J	**352**	J	**254.00**	J
Nickel	7440-02-0	30	310	130	**14.8**	J	**41.6**	J	**34.7**	J
Potassium	7440-09-7	~	~	~	**744**		**1,530**		**1,440**	
Selenium	7782-49-2	3.9	180	4	2.27	UJ	**7.44**	J-	**2.88**	J-
Silver	7440-22-4	2	180	8.3	0.46	UJ	0.47	UJ	0.45	UJ
Sodium	7440-23-5	~	~	~	**144**		**121**		**101**	
Thallium	7440-28-0	~	~	~	2.27	U	2.31	U	2.25	U
Vanadium	7440-62-2	~	~	~	35.4		**37.5**		**25.5**	
Zinc	7440-66-6	109	10000	2480	**104**	J	**137**	J	**42.1**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.28**		**0.04**		**0.03**	

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Labratory ID					23I0068-01		23I0068-02		23I0068-03	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**5,830**		**6,800**		**15,300**	
Antimony	7440-36-0	~	~	~	2.35	UJ	2.18	UJ	2.36	UJ
Arsenic	7440-38-2	13	16	16	**5.85**		**3.62**		**2.91**	
Barium	7440-39-3	350	400	820	**60.5**		**25.6**		**42.4**	
Beryllium	7440-41-7	7.2	72	47	0.05	U	**0.07**		0.05	U
Cadmium	7440-43-9	2.5	4.3	7.5	**0.31**		0.26	U	0.28	U
Calcium	7440-70-2	~	~	~	**19,800**	J	**20,900**	J	**1,220**	J
Chromium	7440-47-3	~	~	~	**15.7**	J-	**21.4**	J-	**32.7**	J-
Cobalt	7440-48-4	~	~	~	**5.2**	J	**6.74**	J	**11.9**	J
Copper	7440-50-8	50	270	1720	**36.4**		**43.4**		**17.9**	
Iron	7439-89-6	~	~	~	**13,900**		**11,400**		**13,700**	
Lead	7439-92-1	63	400	450	**148**	J	**31.1**	J	**17.1**	J
Magnesium	7439-95-4	~	~	~	**4,800**		**10,800**		**3,280**	
Manganese	7439-96-5	1600	2000	2000	**207**	J	**194**	J	**750**	J
Nickel	7440-02-0	30	310	130	**16.5**	J	**20.8**	J	**35.9**	J
Potassium	7440-09-7	~	~	~	**991**		**876**		**1,410**	
Selenium	7782-49-2	3.9	180	4	2.35	UJ	2.18	UJ	**4.66**	J-
Silver	7440-22-4	2	180	8.3	0.47	UJ	0.44	UJ	0.48	UJ
Sodium	7440-23-5	~	~	~	**140**		**491**		**66.6**	
Thallium	7440-28-0	~	~	~	2.35	U	2.18	U	2.36	U
Vanadium	7440-62-2	~	~	~	**30.7**		**58**		**34.9**	
Zinc	7440-66-6	109	10000	2480	**148**	J	**47.1**	J	**52.3**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.51**		**0.08**		0.03	U

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960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-6 (0-2')		23SB-6 (2'-4')		23SB-6 (6'-8')	
Labratory ID					23I0068-10		23I0068-11		23I0068-12	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**12,300**		**16,600**		**12,500**	
Antimony	7440-36-0	~	~	~	2.3	UJ	2.43	UJ	2.52	UJ
Arsenic	7440-38-2	13	16	16	**9.86**		**14.3**		**4.9**	
Barium	7440-39-3	350	400	820	**60.8**		**40.6**		**74**	
Beryllium	7440-41-7	7.2	72	47	**0.15**		**0.19**		0.05	U
Cadmium	7440-43-9	2.5	4.3	7.5	0.28	U	0.29	U	0.3	U
Calcium	7440-70-2	~	~	~	**2,200**	J	**924**	J	**1,130**	J
Chromium	7440-47-3	~	~	~	**26.4**	J-	**34.4**	J-	**20.9**	J-
Cobalt	7440-48-4	~	~	~	**8.98**	J	**6.66**	J	**4.75**	J
Copper	7440-50-8	50	270	1720	**18.3**		**13.7**		**11.7**	
Iron	7439-89-6	~	~	~	**22,000**		**31,900**		**11,000**	
Lead	7439-92-1	63	400	450	**96.6**	J	**25.5**	J	**12.9**	J
Magnesium	7439-95-4	~	~	~	**2,850**		**3,020**		**2,880**	
Manganese	7439-96-5	1600	2000	2000	**673**	J	**438**	J	**113**	J
Nickel	7440-02-0	30	310	130	**24**	J	**15**	J	**17.6**	J
Potassium	7440-09-7	~	~	~	**950**		**1,060**		**949**	
Selenium	7782-49-2	3.9	180	4	**7.49**	J-	**12.2**	J-	**2.72**	J-
Silver	7440-22-4	2	180	8.3	0.46	UJ	0.49	UJ	0.51	UJ
Sodium	7440-23-5	~	~	~	**264**		**50.9**		**66.6**	
Thallium	7440-28-0	~	~	~	2.3	U	2.43	U	2.52	U
Vanadium	7440-62-2	~	~	~	**35.3**		**44.3**		**22**	
Zinc	7440-66-6	109	10000	2480	**167**	J	**93.9**	J	**34.6**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.12**		**0.04**		0.04	U

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-7 (0-2")		23SB-7 (2'-4')		23SB-7 (4'-6')	
Labratory ID					23I1882-01		23I1882-02		23I1882-03	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**6,010**		**7,220**		**12,500**	
Antimony	7440-36-0	~	~	~	**5.83**	J-	**2.63**	J-	**3.56**	J-
Arsenic	7440-38-2	13	16	16	**33.5**		**12.8**		**17**	
Barium	7440-39-3	350	400	820	**242**		**39**		**34**	
Beryllium	7440-41-7	7.2	72	47	**0.26**		**0.29**		**0.309**	
Cadmium	7440-43-9	2.5	4.3	7.5	**2.3**		0.28	U	0.29	U
Calcium	7440-70-2	~	~	~	**2,900**	J	**4,610**	J	**947**	J
Chromium	7440-47-3	~	~	~	**42.2**	J-	**22.7**	J-	**18.3**	J-
Cobalt	7440-48-4	~	~	~	**9.96**	J	**7.29**	J	**7.3**	J
Copper	7440-50-8	50	270	1720	**368**		**61.6**		**17.4**	
Iron	7439-89-6	~	~	~	**30,900**		**14,200**		**21,100**	
Lead	7439-92-1	63	400	450	**779**	J	**89.4**	J	**19.5**	J
Magnesium	7439-95-4	~	~	~	**1,480**		**3,560**		**2,730**	
Manganese	7439-96-5	1600	2000	2000	**377**	J	**354**	J	**199**	J
Nickel	7440-02-0	30	310	130	**38**	J	**23.5**	J	**20.7**	J
Potassium	7440-09-7	~	~	~	**764**	B	**785**	B	**1,020**	B
Selenium	7782-49-2	3.9	180	4	2.42	UJ	2.32	UJ	2.42	UJ
Silver	7440-22-4	2	180	8.3	0.49	UJ	0.47	UJ	0.49	UJ
Sodium	7440-23-5	~	~	~	**263**		**110**		**67**	
Thallium	7440-28-0	~	~	~	**15.2**		**4.07**		**7.06**	
Vanadium	7440-62-2	~	~	~	**61.9**		**26.9**		**28**	
Zinc	7440-66-6	109	10000	2480	**824**	J	**116**	J	**46.5**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.985**		**0.06**		0.03	U

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-8 (0-2")		23SB-8 (1'-3')		23SB-8 (3'-5')	
Labratory ID					23I1882-04		23I1882-05		23I1882-06	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**11,300**		**9,330**		**8,480**	
Antimony	7440-36-0	~	~	~	**13.3**	J-	**3.38**	J-	**3.42**	J-
Arsenic	7440-38-2	13	16	16	**41.9**		**9.49**		**10.6**	
Barium	7440-39-3	350	400	820	**465**		**37.2**		**54.7**	
Beryllium	7440-41-7	7.2	72	47	**1.04**		**0.22**		**0.051**	
Cadmium	7440-43-9	2.5	4.3	7.5	**15.3**		0.27	U	0.28	U
Calcium	7440-70-2	~	~	~	**7,680**	J	**1,610**	J	**2,300**	J
Chromium	7440-47-3	~	~	~	**136**	J-	**24**	J-	**29.1**	J-
Cobalt	7440-48-4	~	~	~	**21.9**	J	**8.94**	J	**10.9**	J
Copper	7440-50-8	50	270	1720	**258**		**19**		**20.9**	
Iron	7439-89-6	~	~	~	**63,000**		**12,300**		**15,800**	
Lead	7439-92-1	63	400	450	**3,140**	J	**15.9**	J	**15.6**	J
Magnesium	7439-95-4	~	~	~	**3,760**		**2,850**		**4,520**	
Manganese	7439-96-5	1600	2000	2000	**695**	J	**134**	J	**341**	J
Nickel	7440-02-0	30	310	130	**96.1**	J	**52.5**	J	**55.1**	J
Potassium	7440-09-7	~	~	~	**861**	B	**1,500**	B	**2,290**	B
Selenium	7782-49-2	3.9	180	4	2.63	UJ	2.23	UJ	2.29	UJ
Silver	7440-22-4	2	180	8.3	0.53	UJ	0.45	UJ	0.46	UJ
Sodium	7440-23-5	~	~	~	**257**		**84.1**		**208**	
Thallium	7440-28-0	~	~	~	**31.3**		2.23	U	**3.32**	
Vanadium	7440-62-2	~	~	~	**82.3**		**24.7**		**32.3**	
Zinc	7440-66-6	109	10000	2480	**1,870**	J	**47.3**	J	**40.2**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.91**		**0.05**		0.03	U

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-9 (0-2')		23SB-9 (4'-6')		23SB-9 (6'-8')	
Labratory ID					23J0803-01		23J0803-02		23J0803-03	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**20,300**	J-	**22,800**	J-	**16,100**	J-
Antimony	7440-36-0	~	~	~	2.37	UJ	2.26	UJ	2.46	UJ
Arsenic	7440-38-2	13	16	16	**5.34**	J	**6.06**	J	**12.1**	J
Barium	7440-39-3	350	400	820	**1,100**		**347**		**33.8**	
Beryllium	7440-41-7	7.2	72	47	0.05	UJ	0.05	UJ	0.05	UJ
Cadmium	7440-43-9	2.5	4.3	7.5	**0.57**		**0.59**		0.3	
Calcium	7440-70-2	~	~	~	**41,700**	J	**36,100**	J	**813**	J
Chromium	7440-47-3	~	~	~	**28.1**	J	**30.6**	J	**21.8**	J
Cobalt	7440-48-4	~	~	~	**4.95**	J	**5.88**	J	**8.45**	J
Copper	7440-50-8	50	270	1720	**288**	J	**509**	J	**14.6**	J
Iron	7439-89-6	~	~	~	**27,400**	J	**18,000**	J	**21,100**	J
Lead	7439-92-1	63	400	450	**148**	J	**174**	J	**13.1**	J
Magnesium	7439-95-4	~	~	~	**6,210**	J	**10,100**	J	**3,310**	J
Manganese	7439-96-5	1600	2000	2000	**374**	J	**297**	J	**251**	J
Nickel	7440-02-0	30	310	130	**20.8**	J	**23**	J	**20.8**	J
Potassium	7440-09-7	~	~	~	**18,900**	J	**19,500**	J	**1,630**	J
Selenium	7782-49-2	3.9	180	4	**6.4**	J	**2.7**	J	**6.7**	J
Silver	7440-22-4	2	180	8.3	0.48	R	0.46	R	0.5	R
Sodium	7440-23-5	~	~	~	**6,030**	J+	**1,580**	J+	49.3	U
Thallium	7440-28-0	~	~	~	2.37	U	2.26	U	2.46	U
Vanadium	7440-62-2	~	~	~	**20.9**		**23.2**		**33.1**	
Zinc	7440-66-6	109	10000	2480	**57.1**	J+	**72.7**	J+	**53**	J+
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.08**	J-	**0.1**	J-	0.04	UJ

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

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Labratory ID					23J0803-07		23J0803-08		23J0803-09		23J0803-10	
Sampling Date					10/11/2023		10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Aluminum	7429-90-5	~	~	~	**10,600**	J-	**8,900**	J-	**14,500**	J-	**12,500**	J-
Antimony	7440-36-0	~	~	~	2.32	UJ	2.3	UJ	2.26	UJ	2.31	UJ
Arsenic	7440-38-2	13	16	16	**6.96**	J	**6.2**	J	**4.08**	J	**6.63**	J
Barium	7440-39-3	350	400	820	**47.6**		**48.6**		**89.1**		**69.7**	
Beryllium	7440-41-7	7.2	72	47	0.05	UJ	0.05	UJ	0.05	UJ	0.05	UJ
Cadmium	7440-43-9	2.5	4.3	7.5	0.28		0.28		0.27		0.28	
Calcium	7440-70-2	~	~	~	**2,270**	J	**1,600**	J	**3,250**	J	**7,250**	J
Chromium	7440-47-3	~	~	~	**20.6**	J	**19.9**	J	**29.7**	J	**31.2**	J
Cobalt	7440-48-4	~	~	~	**7.88**	J	**5.74**	J	**20**	J	**11.7**	J
Copper	7440-50-8	50	270	1720	**20.5**	J	**18.8**	J	**13.2**	J	**20.1**	J
Iron	7439-89-6	~	~	~	**15,600**	J	**11,100**	J	**14,600**	J	**17,600**	J
Lead	7439-92-1	63	400	450	**49.7**	J	**9.75**	J	**10.10**	J	**50.8**	J
Magnesium	7439-95-4	~	~	~	**3,100**	J	**2,940**	J	**5,340**	J	**6,940**	J
Manganese	7439-96-5	1600	2000	2000	**308**	J	**138**	J	**341**	J	**288**	J
Nickel	7440-02-0	30	310	130	**27.9**	J	**20.4**	J	**29.6**	J	**28.2**	J
Potassium	7440-09-7	~	~	~	**1,110**	J	**1,260**	J	**3,580**	J	**2,680**	J
Selenium	7782-49-2	3.9	180	4	**4.49**	J	**2.75**	J	**3.85**	J	**3.29**	J
Silver	7440-22-4	2	180	8.3	0.47	R	0.46	R	0.46	R	0.47	R
Sodium	7440-23-5	~	~	~	46.4	U	46	U	45.3	U	46.2	U
Thallium	7440-28-0	~	~	~	2.32	U	2.3	U	2.26	U	2.31	U
Vanadium	7440-62-2	~	~	~	**29.3**		**28.9**		**34.3**	J	**51.1**	J
Zinc	7440-66-6	109	10000	2480	**50.1**	J+	**48.4**	J+	**73.3**	J+	**75.7**	J+
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	0.03	UJ	0.03	UJ	0.03	UJ	0.03	UJ

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TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-11 (0-2')		23SB-11 (4'-6')		23SB-11 (6-8)	
Labratory ID					23J0803-04		23J0803-05		23J0803-06	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**8,800**	J-	**5,290**	J-	**9,630**	J-
Antimony	7440-36-0	~	~	~	2.45	UJ	2.41	UJ	2.41	UJ
Arsenic	7440-38-2	13	16	16	**6.84**	J	**10.3**	J	**5.88**	J
Barium	7440-39-3	350	400	820	**37.3**		**93**		**40.3**	
Beryllium	7440-41-7	7.2	72	47	0.05	UJ	0.05	UJ	0.05	UJ
Cadmium	7440-43-9	2.5	4.3	7.5	0.3		0.29		0.29	
Calcium	7440-70-2	~	~	~	**2,030**	J	**9,830**	J	**1,040**	J
Chromium	7440-47-3	~	~	~	**20.6**	J	**20.9**	J	**19.2**	J
Cobalt	7440-48-4	~	~	~	**7.00**	J	**3.28**	J	**9.65**	J
Copper	7440-50-8	50	270	1720	**17.5**	J	**226**	J	**17.6**	J
Iron	7439-89-6	~	~	~	**15,100**	J	**32,300**	J	**13,500**	J
Lead	7439-92-1	63	400	450	**13.2**	J	**558**	J	**15.4**	J
Magnesium	7439-95-4	~	~	~	**3,280**	J	**2,090**	J	**2,810**	J
Manganese	7439-96-5	1600	2000	2000	**244**	J	**268**	J	**211**	J
Nickel	7440-02-0	30	310	130	**22.1**	J	**18**	J	**25.4**	J
Potassium	7440-09-7	~	~	~	**1,200**	J	**627**	J	**1,040**	J
Selenium	7782-49-2	3.9	180	4	**4.18**	J	**11.6**	J	**3.95**	J
Silver	7440-22-4	2	180	8.3	0.5	R	0.49	R	0.49	U
Sodium	7440-23-5	~	~	~	49.1	U	**599**	J+	48.2	U
Thallium	7440-28-0	~	~	~	2.45	U	2.41	U	2.41	U
Vanadium	7440-62-2	~	~	~	**27.5**		**15.8**		**26.1**	
Zinc	7440-66-6	109	10000	2480	**49.6**	J+	**49.8**	J+	**46.8**	J+
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	0.04	UJ	0.05	J-	0.04	J-

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Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-12 (0-2')		23SB-12 (4'-6')		23SB-12 (6'-8')	
Labratory ID					23J0716-05		23J0716-06		23J0716-07	
Sampling Date					10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					200		1		1	
Aluminum	7429-90-5	~	~	~	**45,800**		**19,400**		**8,550**	
Antimony	7440-36-0	~	~	~	2.8	UJ	2.7	UJ	2.4	UJ
Arsenic	7440-38-2	13	16	16	**8.47**	J	**4.5**	J	**4.82**	J
Barium	7440-39-3	350	400	820	**995**		**55.9**		**37.1**	
Beryllium	7440-41-7	7.2	72	47	0.06	UJ	0.1	UJ	0.05	UJ
Cadmium	7440-43-9	2.5	4.3	7.5	**7.85**		0.3	U	0.3	U
Calcium	7440-70-2	~	~	~	**65,500**	J	**1,540**	J	**1,120**	J
Chromium	7440-47-3	~	~	~	**63.6**		**38.2**		**15.8**	
Cobalt	7440-48-4	~	~	~	**9.03**		**6.1**		**6.1**	
Copper	7440-50-8	50	270	1720	**822**	J	**16.4**	J	**20.1**	J
Iron	7439-89-6	~	~	~	**24,300**		**13,200**		**15,000**	
Lead	7439-92-1	63	400	450	**360**	J-	**26.7**	J-	**67.6**	J-
Magnesium	7439-95-4	~	~	~	**14,300**		**3,460**		**2,590**	
Manganese	7439-96-5	1600	2000	2000	**475**		**128**		**166**	
Nickel	7440-02-0	30	310	130	**21**	J	**36.1**	J	**21.5**	J
Potassium	7440-09-7	~	~	~	**45,800**	D	**1,770**		**1,060**	
Selenium	7782-49-2	3.9	180	4	**3.85**	J	**4.1**	J	**4.7**	J
Silver	7440-22-4	2	180	8.3	0.56	R	0.5	R	0.5	R
Sodium	7440-23-5	~	~	~	**6,120**	J+	**1,030**	J+	**757**	J+
Thallium	7440-28-0	~	~	~	2.8	U	2.7	U	2.4	U
Vanadium	7440-62-2	~	~	~	**37.9**		**37.6**		**19.7**	
Zinc	7440-66-6	109	10000	2480	**149**	J+	**92.5**	J+	**37.5**	J+
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.103**		**0.123**		**0.244**	

NOTES:

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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-13 (0-2')		23SB-13 (4'-6')		23SB-13 (6'-8')		23SB-13 (DUP)	
Labratory ID					23J0716-01		23J0716-02		23J0716-03		23J0716-04	
Sampling Date					10/10/2023		10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Aluminum	7429-90-5	~	~	~	**23,100**		**5,320**		**12,700**		**15,000**	
Antimony	7440-36-0	~	~	~	**3.17**	J-	2.44	UJ	2.46	UJ	2.5	UJ
Arsenic	7440-38-2	13	16	16	**13.9**	J	**4.37**		**6.15**	J	**9.62**	J
Barium	7440-39-3	350	400	820	**3,390**		**988**		**55.5**		**54.7**	
Beryllium	7440-41-7	7.2	72	47	0.1	UJ	0.05	UJ	0.05	UJ	0.05	UJ
Cadmium	7440-43-9	2.5	4.3	7.5	**0.977**		0.3	U	0.3	U	0.3	U
Calcium	7440-70-2	~	~	~	**36,800**	J	**18,100**	J	**1,290**	J	**1,150**	J
Chromium	7440-47-3	~	~	~	**80.1**		**50.4**		**22.7**		**26**	
Cobalt	7440-48-4	~	~	~	**14.1**		**2.67**		**7.2**		**8.02**	
Copper	7440-50-8	50	270	1720	**2,120**	J	**452**	J	**14**	J	**17.8**	J
Iron	7439-89-6	~	~	~	**34,600**		**19,600**		**13,700**	J	**21,500**	J
Lead	7439-92-1	63	400	450	**670**	J-	**115**	J-	**16.9**	J-	**14.5**	J-
Magnesium	7439-95-4	~	~	~	**7,260**		**5,940**		**2,790**		**3,100**	
Manganese	7439-96-5	1600	2000	2000	**313**		**144**		**301**		**412**	
Nickel	7440-02-0	30	310	130	**19.9**	J	**11.9**	J	**37.4**	J	**28.2**	J
Potassium	7440-09-7	~	~	~	**22,100**		**4,660**		**1,150**		**1,470**	
Selenium	7782-49-2	3.9	180	4	**8.89**	J	**3.08**	J	**4.1**	J	**7.43**	J
Silver	7440-22-4	2	180	8.3	0.521	R	0.491	R	0.50	R	0.51	R
Sodium	7440-23-5	~	~	~	**32,600**	J+	**1,770**	J+	49.1	U	50.1	U
Thallium	7440-28-0	~	~	~	2.6	U	2.4	U	2.46	U	2.5	U
Vanadium	7440-62-2	~	~	~	**28.9**		**12.4**		**25.9**		**35.4**	
Zinc	7440-66-6	109	10000	2480	**140**	J+	**122**	J+	**55.9**	J+	**63.8**	J+
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.152**		**0.642**		**0.0523**		0.0361	U

NOTES:
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Table 7
TAL Metals in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-14 (0-2')		23SB-14 (2'-4')		23SB-14 (4'-6')	
Labratory ID					23I0068-07		23I0068-08		23I0068-09	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
Metals, Target Analyte		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Aluminum	7429-90-5	~	~	~	**11,200**		**8,940**		**12,500**	
Antimony	7440-36-0	~	~	~	2.31	UJ	2.25	UJ	2.28	UJ
Arsenic	7440-38-2	13	16	16	**6.03**		**6.9**		**8.49**	
Barium	7440-39-3	350	400	820	**51.70**		**43.60**		**37.5**	
Beryllium	7440-41-7	7.2	72	47	0.05	U	0.05	U	0.05	U
Cadmium	7440-43-9	2.5	4.3	7.5	0.28	U	0.27	U	0.27	U
Calcium	7440-70-2	~	~	~	**7,530**	J	**1,730**	J	**780**	J
Chromium	7440-47-3	~	~	~	**21.2**	J-	**22.7**	J-	**30.6**	J-
Cobalt	7440-48-4	~	~	~	**7.11**	J	**9.27**	J	**7.46**	J
Copper	7440-50-8	50	270	1720	**19.8**		**28.6**		**19.4**	
Iron	7439-89-6	~	~	~	**13,200**		**15,300**		**18,500**	
Lead	7439-92-1	63	400	450	**51.4**	J	**18.4**	J	**16.2**	J
Magnesium	7439-95-4	~	~	~	**4,110**		**3,500**		**4,290**	
Manganese	7439-96-5	1600	2000	2000	**281**	J	**361**	J	**312**	J
Nickel	7440-02-0	30	310	130	**27.9**	J	**39.7**	J	**31.6**	J
Potassium	7440-09-7	~	~	~	**986**		**1,280**		**1,190**	
Selenium	7782-49-2	3.9	180	4	2.31	UJ	**4.43**	J-	**5.54**	J-
Silver	7440-22-4	2	180	8.3	0.47	UJ	0.45	UJ	0.46	UJ
Sodium	7440-23-5	~	~	~	**163**		**121**		**81.2**	
Thallium	7440-28-0	~	~	~	2.31	U	2.25	U	2.28	U
Vanadium	7440-62-2	~	~	~	**27.5**		**33.5**		**40.2**	
Zinc	7440-66-6	109	10000	2480	**61.5**	J	**45.4**	J	**40.1**	J
Mercury by 7473		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	**0.0985**		**0.0852**		**0.0977**	

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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-1 (0-2')		23SB-1 (4'-6')		23SB-1 (6'-8')	
Labratory ID					23J0803-14		23J0803-15		23J0803-16	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0004	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0009	U	0.001	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0007	U	0.0008	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0007	U	0.0008	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0018	U	0.0020	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0025	U	0.0027	U	0.0024	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0008	U	0.0008	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0008	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0003	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0003	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0009	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0008	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0002	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0003	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0002	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0003	U	0.0002	U

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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-2 (0-2')		23SB-2 (4'-6')		23SB-2 (6'-8')	
Labratory ID					23J0803-11		23J0803-12		23J0803-13	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0008	U	0.0008	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0006	U	0.0006	U	0.0006	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0006	U	0.0006	U	0.0006	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0016	U	0.0015	U	0.0016	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0022	U	0.0022	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0006	U	0.0006	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0007	U	0.0007	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0006	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0001	U	0.0001	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	R	0.0001	UJ	0.0001	UJ
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

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J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.

J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.

R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-3 (0-2")		23SB-3 (1'-3')		23SB-3 (3'-5')	
Labratory ID					23I1882-07		23I1882-08		23I1882-09	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.001	U	0.0008	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0008	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0008	U	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.002	U	0.0017	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0028	U	0.0023	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0009	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0008	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0003	UJ	0.0002	UJ	0.0002	UJ
N-EtFOSAA	2991-50-6	~	~	~	**0.0005**		0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0009	R	0.0008	UJ	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0008	R	0.0007	UJ	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	**0.0019**		0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0002	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0003	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	R	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	**0.0005**		0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	**0.0026**		0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	**0.0006**		0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	**0.0002**	J	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0003	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	**0.0039**		0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	**0.0006**		0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	**0.0005**		0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	**0.001**		0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	**0.0017**		0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	**0.0015**		0.0002	U	0.0002	U

NOTES:
Bold values are detected concentrations

Bold and highlighted values are concentrations above soil cleanup objectives

Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
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J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.

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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-4 (0-2")		23SB-4 (1'-3')		23SB-4 (4'-6')	
Labratory ID					23I0068-04		23I0068-05		23I0068-06	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0008	U	0.0008	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0006	U	0.0007	U	0.0006	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0006	U	0.0007	U	0.0006	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0016	U	0.0017	U	0.0016	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0023	U	0.0023	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0007	U	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0001	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	**0.0002**	
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	**0.0003**	
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	**0.0003**	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	**0.0007**		**0.0004**		**0.0014**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	**0.001**	
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	**0.0003**	J	0.0001	R	0.0001	R
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

NOTES:
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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-5 (0-2")		23SB-5 (2'-4')		23SB-5 (4'-5')	
Labratory ID					23I0068-01		23I0068-02		23I0068-03	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0008	U	0.0008	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0007	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0007	U	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0017	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0023	U	0.0024	U	0.0024	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	**0.0008**		**0.00107**		**0.0004**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	UJ	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

NOTES:
Bold values are detected concentrations

Bold and highlighted values are concentrations above soil cleanup objectives

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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-6 (0-2')		23SB-6 (2'-4')		23SB-6 (6'-8')	
Labratory ID					23I0068-10		23I0068-11		23I0068-12	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	UJ	0.0003	UJ	0.0004	UJ
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0008	UJ	0.0008	UJ	0.0009	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0006	UJ	0.0006	UJ	0.0007	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0006	UJ	0.0006	UJ	0.0007	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0016	UJ	0.0016	UJ	0.0017	UJ
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0022	UJ	0.0023	UJ	0.0024	UJ
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	UJ	0.0007	UJ	0.0007	UJ
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	UJ	0.0003	UJ	0.0003	UJ
ADONA	919005-14-4	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0006	UJ	0.0007	UJ	0.0007	UJ
N-EtFOSA	4151-50-2	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
N-EtFOSAA	2991-50-6	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
N-EtFOSE	1691-99-2	~	~	~	0.0007	UJ	0.0008	UJ	0.0008	UJ
N-MeFOSA	31506-32-8	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
N-MeFOSAA	2355-31-9	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
N-MeFOSE	24448-09-7	~	~	~	0.0007	UJ	0.0007	UJ	0.0007	UJ
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0001	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

NOTES:
Bold values are detected concentrations

Bold and highlighted values are concentrations above soil cleanup objectives

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J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.

J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.

R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-7 (0-2")		23SB-7 (2'-4')		23SB-7 (4'-6')	
Labratory ID					23I1882-01		23I1882-02		23I1882-03	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					5		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0008	U	0.0008	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0007	U	0.0006	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0007	U	0.0006	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0016	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0024	U	0.0022	U	0.0024	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0014	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0006	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0007	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0006	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0001	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	**0.0002**		0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	**0.0003**		0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	**0.0003**		0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	**0.0001**	J	**0.0001**	J	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0004		0.0002	U	**0.0003**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	**0.0011**	J	**0.0001**	J	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	**0.0002**	J	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	**0.0003**		0.0002	U	0.0002	U

NOTES:
Bold values are detected concentrations

Bold and highlighted values are concentrations above soil cleanup objectives

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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-8 (0-2")		23SB-8 (1'-3')		23SB-8 (3'-5')	
Labratory ID					23I1882-04		23I1882-05		23I1882-06	
Sampling Date					9/28/2023		9/28/2023		9/28/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0010	U	0.0008	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0008	U	0.0006	U	0.0006	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0008	U	0.0006	U	0.0006	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0019	U	0.0016	U	0.0016	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0027	U	0.0023	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0008	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0008	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0003	R	0.0002	UJ	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	**0.0004**		0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0009	R	0.0007	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	UJ	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0008	R	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0001	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	**0.0013**		0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0002	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	R	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	**0.0007**		0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	**0.0023**		0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	**0.0010**		0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	**0.0007**		0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	**0.0004**		0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	**0.0033**		**0.0003**		0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	**0.0009**		0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	**0.0006**	J	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	**0.0011**		0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	**0.0014**		0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	**0.0014**		0.0002	U	0.0002	U

NOTES:
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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-9 (0-2')		23SB-9 (4'-6')		23SB-9 (6'-8')	
Labratory ID					23J0803-01		23J0803-02		23J0803-03	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0003	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0009	U	0.0008	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0007	U	0.0006	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0007	U	0.0006	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0016	U	0.0018	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0024	U	0.0023	U	0.0025	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	R	0.0001	UJ	0.0001	UJ
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

NOTES:
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UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.

J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.

R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-10 (0-2')		23SB-10 (4'-6')		23SB-10 (6'-8')		23SB-10 (DUP)	
Labratory ID					23J0803-07		23J0803-08		23J0803-09		23J0803-10	
Sampling Date					10/11/2023		10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0008	U	0.0008	U	0.0008	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0007	U	0.0006	U	0.0006	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0007	U	0.0006	U	0.0006	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0016	U	0.0016	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0023	U	0.0023	U	0.0023	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	R	0.0001	UJ
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U

NOTES:
Bold values are detected concentrations

Bold and highlighted values are concentrations above soil cleanup objectives

Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
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UJ=Not detected. Quantitation limit may be inaccurate or imprecise
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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-11 (0-2')		23SB-11 (4'-6')		23SB-11 (6-8)	
Labratory ID					23J0803-04		23J0803-05		23J0803-06	
Sampling Date					10/11/2023		10/11/2023		10/11/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0004	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0009	U	0.0009	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0007	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0007	U	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0017	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0024	U	0.0024	U	0.0024	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	UJ	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

NOTES:
Bold values are detected concentrations

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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-12 (0-2')		23SB-12 (4'-6')		23SB-12 (6'-8')	
Labratory ID					23J0716-05		23J0716-06		23J0716-07	
Sampling Date					10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0004	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.001	U	0.0010	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0008	U	0.0008	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0008	U	0.0008	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.002	U	0.0019	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0028	U	0.0027	U	0.0024	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0008	U	0.0008	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0008	U	0.0008	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0003	U	0.0003	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0003	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0009	U	0.0009	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0008	U	0.0008	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0003	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0002	U	0.0002	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0003	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	R	0.0001	R	0.0001	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0003	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0003	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0002	U	0.0002	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0003	U	0.0003	U	0.0002	U

NOTES:
Bold values are detected concentrations

Bold and highlighted values are concentrations above soil cleanup objectives

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Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-13 (0-2')		23SB-13 (4'-6')		23SB-13 (6'-8')		23SB-13 (DUP)	
Labratory ID					23J0716-01		23J0716-02		23J0716-03		23J0716-04	
Sampling Date					10/10/2023		10/10/2023		10/10/2023		10/10/2023	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0004	U	0.0004	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0009	U	0.0009	U	0.0009	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0018	U	0.0017	U	0.0018	U	0.0018	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0026	U	0.0024	U	0.0025	U	0.0025	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0008	U	0.0007	U	0.0007	U	0.0008	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	R	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0009	R	0.0008	UJ	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	R	0.0002	UJ	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0008	R	0.0007	UJ	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0002	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	R	0.0001	UJ	0.0001	R	0.0001	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	R	0.0001	R	0.0001	R	0.0001	R
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	**0.000263**		0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	**0.00156**		**0.00021**	J	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	R	0.0001	UJ
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0002	U	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U

NOTES:
Bold values are detected concentrations

Bold and highlighted values are concentrations above soil cleanup objectives

Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
U=Analyte not detected at or above the level indicated
UJ=Not detected. Quantitation limit may be inaccurate or imprecise
J+=Analyte is present. Report value may be biased high and associated with a ligher level of uncertainty than is normally expected with the analytical method.

J-=Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.

R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	23SB-14 (0-2')		23SB-14 (2'-4')		23SB-14 (4'-6')	
Labratory ID					23I0068-07		23I0068-08		23I0068-09	
Sampling Date					9/1/2023		9/1/2023		9/1/2023	
Sample Matrix					Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ppm	ppm	ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	UJ	0.0004	UJ	0.0003	UJ
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	0.0009	UJ	0.0009	UJ	0.0008	UJ
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	0.0007	UJ	0.0007	UJ	0.0006	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	0.0007	UJ	0.0007	UJ	0.0006	UJ
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	UJ	0.0017	UJ	0.0016	UJ
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0024	UJ	0.0024	UJ	0.0023	UJ
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	UJ	0.0007	UJ	0.0007	UJ
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	UJ	0.0003	UJ	0.0003	UJ
ADONA	919005-14-4	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	UJ	0.0007	UJ	0.0007	UJ
N-EtFOSA	4151-50-2	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
N-EtFOSAA	2991-50-6	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
N-EtFOSE	1691-99-2	~	~	~	0.0008	UJ	0.0008	UJ	0.0007	UJ
N-MeFOSA	31506-32-8	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
N-MeFOSAA	2355-31-9	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
N-MeFOSE	24448-09-7	~	~	~	0.0007	UJ	0.0007	UJ	0.0007	UJ
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	UJ	0.0002	UJ	0.0001	UJ
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	UJ	0.0002	UJ	0.0002	UJ
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	UJ	0.0001	UJ	0.0001	UJ
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

NOTES:
Bold values are detected concentrations

Bold and highlighted values are concentrations above soil cleanup objectives

Q is the Qualifier Column with definitions as follows:
J=Analyte detected at or above the MDL (method detection limit) but below the RL
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R=Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-1 (6'-8') 24C1187-01 3/19/2024 Soil		SB-DUP-1 24C1187-17 3/19/2024 Soil		24SB-1 (18'-20') 24C1187-02 3/19/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0008	U	0.0008	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0007	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0007	U	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0017	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0023	U	0.0023	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	**0.0004**	J	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-2 (6'-8') 24C1187-10 3/19/2024 Soil		24SB-2 (18'-20') 24C1187-11 3/19/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm	
Dilution Factor					1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0009	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0018	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0025	U	0.0024	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-3 (6'-8') 24C1494-01 3/22/2024 Soil		24SB-3 (14'-16') 24C1494-02 3/22/2024 Soil		SB-DUP-4 24C1496-15 3/22/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm		ppm	
Dilution Factor					1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0004	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0009	U	0.0009	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0007	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0007	U	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0018	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0024	U	0.0025	U	0.0024	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-4 (8'-10')		24SB-4 (16'-18')	
Laboratory ID					24C1419-01		24C1419-02	
Sampling Date					3/21/2024		3/21/2024	
Sample Matrix					Soil		Soil	
Compound	**CAS Number**				Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm	
Dilution Factor					1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0009	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0018	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0026	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0008	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0009	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0002	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0002	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-5 (6'-8')		24SB-5 (14'-16')	
Laboratory ID					24C1419-08		24C1403-07	
Sampling Date					3/21/2024		3/21/2024	
Sample Matrix					Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm	
Dilution Factor					1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0009	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0018	U	0.0018	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0025	U	0.0025	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-6 (0-2')		24SB-6 (4'-6')		24SB-6 (6'-8')		24SB-6 (12'-14')	
Laboratory ID					24C1317-24		24C1317-25		24C1317-26		24C1317-27	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0006	U	0.0006	U	0.0006	U	0.0006	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0006	U	0.0006	U	0.0006	U	0.0006	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0015	U	0.0014	U	0.0014	U	0.0014	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0021	U	0.0020	U	0.0020	U	0.0020	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0006	U	0.0006	U	0.0006	U	0.0006	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0006	U	0.0006	U	0.0006	U	0.0006	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
N-MeFOSE	24448-09-7	~	~	~	0.0006	U	0.0006	U	0.0006	U	0.0006	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0001	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0000	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	**0.00187**		0.0002	U	**0.0002**		**0.0006**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	**0.000363**		**0.0002**	J	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-7 (0-2')		24SB-7 (4'-6')		24SB-7 (6'-8')		24SB-7 (12'-14')	
Laboratory ID					24C1317-01		24C1317-02		24C1317-03		24C1317-04	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0004	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0008	U	0.0007	U	0.0009	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0006	U	0.0006	U	0.0007	U	0.0006	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0006	U	0.0006	U	0.0007	U	0.0006	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0015	U	0.0015	U	0.0017	U	0.0016	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0021	U	0.0021	U	0.0024	U	0.0022	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0006	U	0.0006	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0002	U	0.0002	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0006	U	0.0006	U	0.0007	U	0.0006	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0007	U	0.0007	U	0.0008	U	0.0007	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0001	U	0.0001	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0006	U	0.0006	U	0.0007	U	0.0006	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0001	U	0.0001	U	0.0002	U	0.0001	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0001	U	0.0001	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	**0.0004**		0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0002	J	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-8 (0-2')		24SB-8 (4'-6')		24SB-8 (6'-8')		24SB-8 (12'-14')	
Laboratory ID					24C1317-08		24C1317-09		24C1317-10		24C1317-11	
Sampling Date					3/20/2024		3/20/2024		3/20/2024		3/20/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0008	U	0.0008	U	0.0008	U	0.0007	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0007	U	0.0006	U	0.0006	U	0.0006	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0007	U	0.0006	U	0.0006	U	0.0006	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0016	U	0.0016	U	0.0015	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0023	U	0.0022	U	0.0023	U	0.0020	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0006	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0002	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0006	U	0.0007	U	0.0006	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0007	U	0.0008	U	0.0007	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0001	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0006	U	0.0007	U	0.0006	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0001	U	0.0002	U	0.0001	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0001	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	**0.0003**		0.0002	J	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-9 (0-2') 24C1403-11 3/21/2024 Soil		24SB-9 (4'-6') 24C1403-12 3/21/2024 Soil		24SB-9 (6'-8') 24C1403-13 3/21/2024 Soil		SB-DUP-3 24C1419-17 3/21/2024 Soil		24SB-9 (12'-14') 24C1403-14 3/21/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0004	U	0.0004	U	0.0004	U	0.0004	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0008	U	0.0009	U	0.0009	U	0.0009	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0006	U	0.0007	U	0.0007	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0006	U	0.0007	U	0.0007	U	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0016	U	0.0018	U	0.0017	U	0.0017	U	0.0018	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0023	U	0.0025	U	0.0024	U	0.0024	U	0.0025	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0008	U	0.0007	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U	0.0008	U	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-10 (5'-7')		24SB-10 (9'-11')		24SB-10 (11'-13')		24SB-10 (17'-19')	
Laboratory ID					24C1494-07		24C1494-08		24C1494-09		24C1494-10	
Sampling Date					3/22/2024		3/22/2024		3/22/2024		3/22/2024	
Sample Matrix					Soil		Soil		Soil		Soil	
Compound	CAS Number				Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0004	U	0.0004	U	0.0004	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0009	U	0.0009	U	0.0009	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0017	U	0.0018	U	0.0017	U	0.0017	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0024	U	0.0025	U	0.0024	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0008	U	0.0007	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0008	U	0.0008	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0007	U	0.0007	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U

Table 8
PFAS in Soil
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	24SB-11 (0-2') 24C1317-15 3/20/2024 Soil		24SB-11 (4'-6') 24C1317-16 3/20/2024 Soil		SB-DUP-2 24C1317-31 3/20/2024 Soil		24SB-11 (6'-8') 24C1317-17 3/20/2024 Soil		24SB-11 (12'-14') 24C1317-18 3/20/2024 Soil	
Compound	**CAS Number**				Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List				ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor					1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0003	U	0.0003	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS	39108-34-4	~	~	~	0.0008	U	0.0008	U	0.0008	U	0.0007	U	0.0008	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS	757124-72-4	~	~	~	0.0006	U	0.0006	U	0.0007	U	0.0006	U	0.0007	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS	27619-97-2	~	~	~	0.0006	U	0.0006	U	0.0007	U	0.0006	U	0.0007	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	0.0016	U	0.0015	U	0.0017	U	0.0015	U	0.0016	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	0.0023	U	0.0022	U	0.0023	U	0.0020	U	0.0023	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	0.0007	U	0.0006	U	0.0007	U	0.0006	U	0.0007	U
9CL-PF3ONS	756426-58-1	~	~	~	0.0003	U	0.0003	U	0.0003	U	0.0002	U	0.0003	U
ADONA	919005-14-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	0.0007	U	0.0006	U	0.0007	U	0.0006	U	0.0007	U
N-EtFOSA	4151-50-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSAA	2991-50-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-EtFOSE	1691-99-2	~	~	~	0.0008	U	0.0007	U	0.0008	U	0.0007	U	0.0008	U
N-MeFOSA	31506-32-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
N-MeFOSAA	2355-31-9	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0001	U	0.0002	U
N-MeFOSE	24448-09-7	~	~	~	0.0007	U	0.0006	U	0.0007	U	0.0006	U	0.0007	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	0.0002	U	0.0001	U	0.0002	U	0.0001	U	0.0002	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0001	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.00088	0.044	0.001	**0.0005**		0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.00066	0.033	0.0008	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U

Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	EPA Hazardous Waste Limits	SB-17X (0-2 Ft) 23H2197-01 8/30/2023 Soil		SB-17X (2-4 Ft) 23H2197-02 8/30/2023 Soil		SB-17X (4-6 Ft) 23H2197-03 8/30/2023 Soil		SB-17X (6-8 Ft) 23H2197-04 8/30/2023 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**5.03**		**1.4**		**0.0392**		0.033	U
Mercury, TCLP					mg/L	mg/L						mg/L	
Dilution Factor						1						1	
Mercury	7439-97-6	~	~	~	0.2	0.0002	U	NT		NT		0.0002	U

NOTES:
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Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	EPA Hazardous Waste Limits	SB-17N1 (0-2 Ft) 23I1423-04 9/21/2023 Soil		SB-17N1 (2-4 Ft) 23I1423-05 9/21/2023 Soil		SB-17N1 (4-6 Ft) 23I1423-10 9/21/2023 Soil		SB-17N1 (6-8 Ft) 23I1423-11 9/21/2023 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**21.9**		**2.3**		0.0345	U	**0.134**	
Mercury, TCLP					mg/L	mg/L		mg/L					
Dilution Factor						1		1					
Mercury	7439-97-6	~	~	~	0.2	**0.0003**		0.0002	U	NT		NT	

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Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17N2 (0-2 Ft) 23I1423-06 9/21/2023 Soil		SB-17N2 (2-4 Ft) 23I1423-07 9/21/2023 Soil		SB-17N2 (4-6 Ft) 23I1423-08 9/21/2023 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**47.9**		**0.233**		**3.53**	
Mercury, TCLP					mg/L	mg/L				mg/L	
Dilution Factor						1				1	
Mercury	7439-97-6	~	~	~	0.2	**0.00071**		NT		0.0002	U

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Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17N3 (12'-14') 24C1495-01 3/22/2024 Soil		SB-17N3 (14'-16') 24C1495-02 3/22/2024 Soil		SB-17N3 (16'-18') 24C1495-03 3/22/2024 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**0.61**		**1.03**		0.04	U
Mercury, TCLP					mg/L	mg/L		mg/L		mg/L	
Dilution Factor											
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT	

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0-2 Feet *2-4 Feet* *4-6 Feet*

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Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17S1 (0-2 Ft) 23H2197-09 8/30/2023		SB-17S1 (2-4 Ft) 23H2197-10 8/30/2023		SB-17S1 (4-6 Ft) 23H2197-11 8/30/2023	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**0.975**		**0.0828**		0.0344	U
Mercury, TCLP					mg/L						
Dilution Factor											
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT	

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Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17S2 (0-2 Ft) 23H2284-04 8/31/2023		SB-17S2 (2-4 Ft) 23H2284-05 8/31/2023		SB-17S2 (4-6 Ft) 23H2284-06 8/31/2023		SB-17S2 (6-8 Ft) 23H2284-07 8/31/2023		SB-17S2 (8-10 Ft) 23I1423-09 9/21/2023	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**1.41**		0.0346	U	**2.66**		**0.264**		0.0347	U
Mercury, TCLP					mg/L					mg/L					
Dilution Factor										1					
Mercury	7439-97-6	~	~	~	0.2	NT		NT		0.0002	U	NT		NT	

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Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17S3 (0-2 Ft) 23I1423-01 9/21/2023		SB-17S3 (2-4 Ft) 23I1423-02 9/21/2023		SB-17S3 (4-6 Ft) 23I1423-03 9/21/2023	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**0.726**		**0.496**		0.034	U
Mercury, TCLP					mg/L						
Dilution Factor											
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT	

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~=this indicates that no regulatory limit has been established for this analyte

Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17E1 (0-2 Ft) 23H2197-05 8/30/2023		SB-17E1 (2-4 Ft) 23H2197-06 8/30/2023		SB-17E1 (4-6 Ft) 23H2197-07 8/30/2023		SB-17E1 (6-8 Ft) 23H2197-08 8/30/2023	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**0.128**		0.0346	U	0.0342	U	0.0323	U
Mercury, TCLP					mg/L								
Dilution Factor													
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT		NT	

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Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17E2 (0-2 Ft) 23H2284-08 8/31/2023		SB-17E2 (2-4 Ft) 23H2284-09 8/31/2023		SB17-E2 (4-6 Ft) 23H2284-10 8/31/2023	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**0.645**		0.0342	U	0.0412	
Mercury, TCLP					mg/L						
Dilution Factor											
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT	

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Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17E3 (12'-14') 24C1495-07 3/22/2024 Soil		SB-17E3 (14'-16') 24C1495-08 3/22/2024 Soil		SB-17E3 (16'-18') 24C1495-09 3/22/2024 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	**0.85**		0.06		0.04	U
Mercury, TCLP					mg/L	mg/L		mg/L		mg/L	
Dilution Factor											
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

0-2 Feet *2-4 Feet* *4-6 Feet*

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17W1 (0-2 Ft) 23H2197-12 8/30/2023		SB-17W1 (2-4 Ft) 23H2197-13 8/30/2023		SB-17W1 (4-6 Ft) 23H2197-14 8/30/2023	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	0.035	U	0.0781		0.0333	U
Mercury, TCLP					mg/L						
Dilution Factor											
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17W2 (0-2 Ft) 23H2284-01 8/31/2023		SB-17W2 (2-4 Ft) 23H2284-02 8/31/2023		SB-17W2 (4-6 Ft) 23H2284-03 8/31/2023	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	0.0347	U	0.0923		0.0353	U
Mercury, TCLP					mg/L						
Dilution Factor											
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 9
Mercury in Soil (Mercury Delineation)
960 Franklin Avenue, Brooklyn, NY

Sample ID Laboratory ID Sampling Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	EPA Hazardous Waste Limits	SB-17W3 (12'-14') 24C1495-04 3/22/2024 Soil		SB-17W3 (14'-16') 24C1495-05 3/22/2024 Soil		SB-17W3 (16'-18') 24C1495-06 3/22/2024 Soil	
Compound	**CAS Number**					Result	Q	Result	Q	Result	Q
Mercury by 7473		ppm	ppm	ppm		ppm		ppm		ppm	
Dilution Factor						1		1		1	
Mercury	7439-97-6	0.18	0.81	0.73	~	0.03	U	0.03	U	0.03	U
Mercury, TCLP					mg/L	mg/L		mg/L		mg/L	
Dilution Factor											
Mercury	7439-97-6	~	~	~	0.2	NT		NT		NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

0-2 Feet *2-4 Feet* *4-6 Feet*

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 10
VOCs in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-1		MW-2		MW-3		MW-4		MW-5	
Labratory ID			23J1389-04		23J1491-01		23J1289-01		23J1389-03		23J1389-02	
Sampling Date			10/20/2023		10/23/2023		10/19/2023		10/20/2023		10/20/2023	
Sample Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		2		5		2		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,1,1-Trichloroethane	71-55-6	5	**5.9**		0.4	U	**4.5**	D	**5.9**		**1.1**	
1,1,2,2-Tetrachloroethane	79-34-5	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,1,2-Trichloroethane	79-00-5	1	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,1-Dichloroethane	75-34-3	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,1-Dichloroethylene	75-35-4	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,2,3-Trichlorobenzene	87-61-6	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,2,3-Trichloropropane	96-18-4	0.04	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	95-63-6	5	0.2	U	0.4	U	**2.4**	JD	**0.64**		0.2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,2-Dibromoethane	106-93-4	0.0006	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,2-Dichlorobenzene	95-50-1	3	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,2-Dichloroethane	107-06-2	0.6	0.2	U	0.4	U	**1**	U	0.2	U	0.2	U
1,2-Dichloropropane	78-87-5	1	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	108-67-8	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,3-Dichlorobenzene	541-73-1	3	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,4-Dichlorobenzene	106-46-7	3	0.2	U	0.4	U	1	U	0.2	U	0.2	U
1,4-Dioxane	123-91-1	0.35	40	U	80	R	200	U	40	U	40	U
2-Butanone	78-93-3	50	**1.4**		0.4	U	**7.6**	J	**5**		**0.29**	J
2-Hexanone	591-78-6	50	0.2	U	0.4	U	1	U	0.2	U	0.2	U
4-Methyl-2-pentanone	108-10-1	~	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Acetone	67-64-1	50	**12**	J+	2	U	**47**	J+	**15**	J+	**1.9**	J+
Acrolein	107-02-8	~	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Acrylonitrile	107-13-1	~	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Benzene	71-43-2	1	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Bromochloromethane	74-97-5	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Bromodichloromethane	75-27-4	50	**0.4**	U	0.4	U	1	U	**0.33**	U	**4.2**	
Bromoform	75-25-2	50	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Bromomethane	74-83-9	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Carbon disulfide	75-15-0	~	0.2	U	0.4	U	1	U	0.2	U	**0.28**	J
Carbon tetrachloride	56-23-5	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Chlorobenzene	108-90-7	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Chloroethane	75-00-3	5	0.2	UJ	0.4	U	1	UJ	0.2	UJ	0.2	UJ
Chloroform	67-66-3	7	**13**	U	**46**	D	**13**	U	**20**	U	**44**	
Chloromethane	74-87-3	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	156-59-2	5	**0.5**		0.4	U	1	U	**0.74**		0.2	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Cyclohexane	110-82-7	~	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Dibromochloromethane	124-48-1	50	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Dibromomethane	74-95-3	~	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Dichlorodifluoromethane	75-71-8	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Ethyl Benzene	100-41-4	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Hexachlorobutadiene	87-68-3	0.5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Isopropylbenzene	98-82-8	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Methyl acetate	79-20-9	~	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Methylcyclohexane	108-87-2	~	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Methylene chloride	75-09-2	5	1	U	2	U	5	U	1	U	1	U
n-Butylbenzene	104-51-8	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
n-Propylbenzene	103-65-1	5	0.2	U	0.4	U	**1**	JD	0.2	U	0.2	U
o-Xylene	95-47-6	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
p- & m- Xylenes	179601-23-1	~	0.5	U	1	U	2.5	U	0.5	U	0.5	U
p-Isopropyltoluene	99-87-6	5	**41**		0.4	U	**370**	D	**70**	D	0.2	U
sec-Butylbenzene	135-98-8	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Styrene	100-42-5	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.5	U	1	U	2.5	U	0.5	U	0.5	U
tert-Butylbenzene	98-06-6	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Tetrachloroethylene	127-18-4	5	**18**	J-	0.4	UJ	**10**	J-	**22**	J-	0.2	UJ
Toluene	108-88-3	5	0.3	J	0.4	U	**1.4**	JD	**0.64**		0.2	U
trans-1,2-Dichloroethylene	156-60-5	5	0.2	U	0.4	U	1	U	0.2	U	0.2	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.2	UJ	0.4	U	1	UJ	0.2	UJ	0.2	UJ
trans-1,4-dichloro-2-butene	110-57-6	~	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Trichloroethylene	79-01-6	5	**2.1**		0.4	U	**1.6**	JD	**2.4**		0.2	U
Trichlorofluoromethane	75-69-4	5	0.2	UJ	0.4	U	1	UJ	0.2	UJ	0.2	UJ
Vinyl Chloride	75-01-4	2	0.2	U	0.4	U	1	U	0.2	U	0.2	U
Xylenes, Total	1330-20-7	5	0.6	U	1.2	U	3	U	0.6	U	0.6	U

NOTES:
Bold values are detected.
Any Regulatory Exceedences are color coded by Regulation
NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above TOGS 1.1.1.
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 10
VOCs in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID			MW-6		MW-DUP-1		FB-1		FB-2		FB-3		TB-1	
Labratory ID		NYSDEC TOGS	23J1389-01		23J1389-05		23J1289-02		23J1389-06		23J1491-02		23J1289-03	
Sampling Date		Standards and	10/20/2023		10/20/2023		10/19/2023		10/20/2023		10/23/2023		10/19/2023	
Sample Matrix		Guidance Values - GA	Ground Water		Ground Water		Water		Ground Water		Ground Water		Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	FB-2	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,1-Trichloroethane	71-55-6	5	**1.4**	J+	**0.4**	J	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	79-00-5	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	75-34-3	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethylene	75-35-4	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichlorobenzene	87-61-6	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichloropropane	96-18-4	0.04	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	95-63-6	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dibromoethane	106-93-4	0.0006	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	95-50-1	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	107-06-2	0.6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	78-87-5	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	108-67-8	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,3-Dichlorobenzene	541-73-1	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,4-Dichlorobenzene	106-46-7	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,4-Dioxane	123-91-1	0.35	40	U	40	U	40	U	40	U	40	R	40	U
2-Butanone	78-93-3	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2-Hexanone	591-78-6	50	0.2	U	**0.4**	J	0.2	U	0.2	U	0.2	U	0.2	U
4-Methyl-2-pentanone	108-10-1	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Acetone	67-64-1	50	**2.4**	J+	**3.2**	J+	1	U	1	U	1	U	1	U
Acrolein	107-02-8	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Acrylonitrile	107-13-1	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzene	71-43-2	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromochloromethane	74-97-5	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	75-27-4	50	**0.38**	U	**3**	J	**0.4**	J	**0.4**	J	0.2	U	0.2	U
Bromoform	75-25-2	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromomethane	74-83-9	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Carbon disulfide	75-15-0	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Carbon tetrachloride	56-23-5	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chlorobenzene	108-90-7	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chloroethane	75-00-3	5	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	U	0.2	UJ
Chloroform	67-66-3	7	**11**	U	**50**	J	**3.9**		**5.2**		**1.0**		0.2	U
Chloromethane	74-87-3	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	156-59-2	5	**4.2**	J+	**0.53**	J	0.2	U	0.2	U	0.2	U	0.2	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Cyclohexane	110-82-7	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dibromochloromethane	124-48-1	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dibromomethane	74-95-3	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	75-71-8	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Ethyl Benzene	100-41-4	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene	87-68-3	0.5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Isopropylbenzene	98-82-8	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methyl acetate	79-20-9	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methylcyclohexane	108-87-2	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methylene chloride	75-09-2	5	1	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	104-51-8	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
n-Propylbenzene	103-65-1	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
o-Xylene	95-47-6	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
p- & m- Xylenes	179601-23-1	~	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Isopropyltoluene	99-87-6	5	0.2	U	**2.4**		**1.6**		**0.4**	J	0.2	U	0.2	U
sec-Butylbenzene	135-98-8	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Styrene	100-42-5	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	75-65-0	~	**9.7**	J+	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	98-06-6	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Tetrachloroethylene	127-18-4	5	0.2	UJ	**0.24**	J-	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ
Toluene	108-88-3	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-1,2-Dichloroethylene	156-60-5	5	**0.41**	J+	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	U	0.2	UJ
trans-1,4-dichloro-2-butene	110-57-6	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Trichloroethylene	79-01-6	5	**1.6**	J	**0.23**	J	0.2	U	0.2	U	0.2	U	0.2	U
Trichlorofluoromethane	75-69-4	5	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	U	0.2	UJ
Vinyl Chloride	75-01-4	2	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Xylenes, Total	1330-20-7	5	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U

NOTES:
Bold values are detected.
Any Regulatory Exceedences are color coded by Regulation
NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above TOGS 1.1.1.
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 11
SVOCs in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID			MW-1		MW-2		MW-3		MW-4		MW-5	
Labratory ID		NYSDEC TOGS	23J1389-04		23J1491-01		23J1289-01		23J1389-03		23J1389-02	
Sampling Date		Standards and	10/20/2023		10/23/2023		10/19/2023		10/20/2023		10/20/2023	
Sample Matrix		Guidance Values - GA	Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
1,1-Biphenyl	92-52-4	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2,3,4,6-Tetrachlorophenol	58-90-2	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2,4,5-Trichlorophenol	95-95-4	1	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2,4,6-Trichlorophenol	88-06-2	1	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2,4-Dichlorophenol	120-83-2	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2,4-Dimethylphenol	105-67-9	50	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2,4-Dinitrophenol	51-28-5	10	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2,4-Dinitrotoluene	121-14-2	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2,6-Dinitrotoluene	606-20-2	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2-Chloronaphthalene	91-58-7	10	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2-Chlorophenol	95-57-8	1	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2-Methylnaphthalene	91-57-6	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2-Methylphenol	95-48-7	1	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2-Nitroaniline	88-74-4	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
2-Nitrophenol	88-75-5	1	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
3- & 4-Methylphenols	65794-96-9	1	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
3,3-Dichlorobenzidine	91-94-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
3-Nitroaniline	99-09-2	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
4,6-Dinitro-2-methylphenol	534-52-1	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
4-Bromophenyl phenyl ether	101-55-3	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
4-Chloro-3-methylphenol	59-50-7	1	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
4-Chloroaniline	106-47-8	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
4-Chlorophenyl phenyl ether	7005-72-3	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
4-Nitroaniline	100-01-6	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
4-Nitrophenol	100-02-7	1	5	U	5	U	5	U	5	U	5.26	R
Acetophenone	98-86-2	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Benzaldehyde	100-52-7	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Benzyl butyl phthalate	85-68-7	50	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Bis(2-chloroethoxy)methane	111-91-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Bis(2-chloroethyl)ether	111-44-4	1	1	U	1	U	1	U	1	U	1.05	R
Bis(2-chloroisopropyl)ether	108-60-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Caprolactam	105-60-2	~	2.5	R	2.5	R	2.5	U	2.5	R	2.63	R
Carbazole	86-74-8	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Dibenzofuran	132-64-9	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Diethyl phthalate	84-66-2	50	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Dimethyl phthalate	131-11-3	50	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Di-n-butyl phthalate	84-74-2	50	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Di-n-octyl phthalate	117-84-0	50	2.5	U	**2.69**	J	2.5	U	2.5	U	2.63	R
Hexachlorocyclopentadiene	77-47-4	5	5	U	5	U	5	U	5	U	5.26	R
Isophorone	78-59-1	50	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
N-nitroso-di-n-propylamine	621-64-7	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
N-Nitrosodiphenylamine	86-30-6	50	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Phenol	108-95-2	1	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Propargite	2312-35-8	~	2.5	U	2.5	U	2.5	U	2.5	U	2.63	R
Pyridine	110-86-1	50	2.5	R	2.5	U	2.5	R	2.5	R	2.63	R
SVOA, 8270 SIM MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		200		1		1	
Acenaphthene	83-32-9	20	0.05	U	0.05	UJ	10	U	0.05	U	0.0526	UJ
Acenaphthylene	208-96-8	~	0.05	U	0.05	UJ	10	U	0.05	U	0.0526	UJ
Anthracene	120-12-7	50	0.05	U	0.05	UJ	10	U	0.05	U	0.0526	U
Atrazine	1912-24-9	~	0.5	U	0.5	UJ	100	U	0.5	U	0.526	U
Benzo(a)anthracene	56-55-3	0.002	**0.06**		0.05	U	10	U	0.05	U	0.0526	U
Benzo(a)pyrene	50-32-8	0.002	0.05	U	0.05	U	10	U	0.05	U	0.0526	U
Benzo(b)fluoranthene	205-99-2	0.002	0.05	U	0.05	U	10	U	0.05	U	0.0526	U
Benzo(g,h,i)perylene	191-24-2	~	0.05	U	0.05	U	10	U	0.05	U	0.0526	U
Benzo(k)fluoranthene	207-08-9	0.002	0.05	U	0.05	U	10	U	0.05	U	0.0526	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	**1.65**	R	**0.53**	R	100	U	**1.76**	R	**4.45**	R
Chrysene	218-01-9	0.002	**0.05**	J	0.05	U	10	U	0.05	U	0.0526	U
Dibenzo(a,h)anthracene	53-70-3	~	0.05	U	0.05	U	10	U	0.05	U	0.0526	U
Fluoranthene	206-44-0	50	**0.1**		0.05	UJ	10	U	0.05	U	0.0526	U
Fluorene	86-73-7	50	0.05	U	0.05	UJ	10	U	0.05	U	0.0526	UJ
Hexachlorobenzene	118-74-1	0.04	0.02	U	0.02	UJ	**4**	U	0.02	U	0.0211	U
Hexachlorobutadiene	87-68-3	0.5	0.5	U	0.5	U	**100**	U	0.5	U	0.526	U
Hexachloroethane	67-72-1	5	0.5	U	0.5	U	**100**	U	0.5	U	0.526	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.05	U	0.05	U	**10**	U	0.05	U	0.0526	U
Naphthalene	91-20-3	10	**0.08**		0.05	U	10	U	**0.1**		**0.211**	
Nitrobenzene	98-95-3	0.4	0.25	U	0.25	U	**50**	U	0.25	U	0.263	U
N-Nitrosodimethylamine	62-75-9	~	0.5	R	0.5	R	100	R	0.5	R	0.526	R
Pentachlorophenol	87-86-5	1	0.25	R	0.25	UJ	**50**	U	0.25	R	0.263	R
Phenanthrene	85-01-8	50	**0.19**		0.05	UJ	10	U	0.05	U	0.0526	U
Pyrene	129-00-0	50	**0.13**		0.05	U	10	U	0.05	U	0.0526	U

NOTES:
Bold values are detected.
Any Regulatory Exceedences are color coded by Regulation
NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above TOGS 1.1.1.
Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 11
SVOCs in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID			MW-6		MW-DUP-1		FB-1		FB-2		FB-3	
Labratory ID		NYSDEC TOGS	23J1389-01		23J1389-05		23J1289-02		23J1389-06		23J1491-02	
Sampling Date		Standards and	10/20/2023		10/20/2023		10/19/2023		10/20/2023		10/23/2023	
Sample Matrix		Guidance Values - GA	Ground Water		Ground Water		Water		Ground Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	FB-2	Q	Result	Q
SVOA, 8270 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		10		1		1		1	
1,1-Biphenyl	92-52-4	~	2.5	R	26.3	R	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2,4,5-Trichlorophenol	95-95-4	1	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2,4,6-Trichlorophenol	88-06-2	1	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2,4-Dichlorophenol	120-83-2	5	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2,4-Dimethylphenol	105-67-9	50	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2,4-Dinitrophenol	51-28-5	10	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2,4-Dinitrotoluene	121-14-2	5	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2,6-Dinitrotoluene	606-20-2	5	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2-Chloronaphthalene	91-58-7	10	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2-Chlorophenol	95-57-8	1	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2-Methylnaphthalene	91-57-6	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2-Methylphenol	95-48-7	1	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2-Nitroaniline	88-74-4	5	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
2-Nitrophenol	88-75-5	1	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
3- & 4-Methylphenols	65794-96-9	1	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
3,3-Dichlorobenzidine	91-94-1	5	2.5	R	26.3	R	2.5	U	2.5	U	2.5	U
3-Nitroaniline	99-09-2	5	2.5	R	26.3	R	2.5	U	2.5	U	2.5	U
4,6-Dinitro-2-methylphenol	534-52-1	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
4-Bromophenyl phenyl ether	101-55-3	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
4-Chloro-3-methylphenol	59-50-7	1	2.5	R	26.3	R	2.5	U	2.5	U	2.5	U
4-Chloroaniline	106-47-8	5	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
4-Nitroaniline	100-01-6	5	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
4-Nitrophenol	100-02-7	1	5	R	52.6	R	5	U	5	U	5	U
Acetophenone	98-86-2	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Benzaldehyde	100-52-7	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Benzyl butyl phthalate	85-68-7	50	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Bis(2-chloroethyl)ether	111-44-4	1	1	U	10.5	R	1	U	1	U	1	U
Bis(2-chloroisopropyl)ether	108-60-1	5	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Caprolactam	105-60-2	~	2.5	R	26.3	R	2.5	U	2.5	R	2.5	R
Carbazole	86-74-8	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Dibenzofuran	132-64-9	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Diethyl phthalate	84-66-2	50	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Dimethyl phthalate	131-11-3	50	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Di-n-butyl phthalate	84-74-2	50	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Di-n-octyl phthalate	117-84-0	50	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Hexachlorocyclopentadiene	77-47-4	5	5	U	52.6	R	5	U	5	U	5	U
Isophorone	78-59-1	50	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
N-nitroso-di-n-propylamine	621-64-7	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
N-Nitrosodiphenylamine	86-30-6	50	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Phenol	108-95-2	1	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Propargite	2312-35-8	~	2.5	U	26.3	R	2.5	U	2.5	U	2.5	U
Pyridine	110-86-1	50	2.5	R	26.3	R	2.5	R	2.5	R	2.5	U
SVOA, 8270 SIM MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Acenaphthene	83-32-9	20	**0.49**	J	**0.2**	J	0.05	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	~	**0.65**	J	**0.126**	J	0.05	U	0.05	U	0.05	U
Anthracene	120-12-7	50	**0.29**	J	**0.632**	J	0.05	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	0.5	U	0.526	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	56-55-3	0.002	**0.25**	J	**1.46**	J	0.05	U	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	0.002	**0.05**	U	**1.2**		0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	0.002	0.05	U	**1.41**		0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	~	0.05	U	**0.737**		0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.002	0.05	U	**0.674**		0.05	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	**4.76**	R	0.526	U	**0.87**	R	**2.97**		**1.2**	
Chrysene	218-01-9	0.002	**0.55**	J	**1.58**	J	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	~	0.05	U	**0.253**		0.05	U	0.05	U	0.05	U
Fluoranthene	206-44-0	50	**0.78**	J	**2.27**	J	0.05	U	0.05	U	0.05	U
Fluorene	86-73-7	50	**0.12**	R	**0.253**	R	**0.19**		**0.31**		0.05	U
Hexachlorobenzene	118-74-1	0.04	0.02	U	0.0211	U	0.02	U	0.02	U	0.02	U
Hexachlorobutadiene	87-68-3	0.5	0.5	U	**0.526**	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	67-72-1	5	0.5	U	0.526	U	0.5	U	0.5	U	0.5	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.05	U	**0.632**		0.05	U	0.05	U	0.05	U
Naphthalene	91-20-3	10	**0.12**		**0.116**		0.05	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	0.4	0.25	U	0.263	U	0.25	U	0.25	U	0.25	U
N-Nitrosodimethylamine	62-75-9	~	0.5	R	0.526	R	0.5	R	0.5	R	0.5	R
Pentachlorophenol	87-86-5	1	0.25	U	0.263	R	0.25	U	0.25	R	0.25	U
Phenanthrene	85-01-8	50	**0.81**	J	**2.69**	J	**0.07**	J	0.05	U	0.05	U
Pyrene	129-00-0	50	**0.75**	J	**3.18**	J	0.05	U	0.05	U	**0.1**	

NOTES:
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NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 12
Pesticides and PCBs in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-1		MW-2		MW-3		MW-4		MW-5	
Labratory ID			23J1389-04		23J1491-01		23J1289-01		23J1389-03		23J1389-02	
Sampling Date			10/20/2023		10/23/2023		10/19/2023		10/20/2023		10/20/2023	
Sample Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
4,4'-DDD	72-54-8	0.3	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
4,4'-DDE	72-55-9	0.2	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
4,4'-DDT	50-29-3	0.2	0.004	U	**0.00504**	J-	0.004	U	0.004	U	**0.00899**	J-
Aldrin	309-00-2	~	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
alpha-BHC	319-84-6	0.01	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
alpha-Chlordane	5103-71-9	~	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
beta-BHC	319-85-7	0.04	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
Chlordane, total	57-74-9	0.05	0.02	U	0.02	UJ	0.02	U	0.02	U	0.02	UJ
delta-BHC	319-86-8	0.04	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
Dieldrin	60-57-1	0.004	0.002	U	0.002	UJ	0.002	U	0.002	U	0.002	UJ
Endosulfan I	959-98-8	~	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
Endosulfan II	33213-65-9	~	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
Endosulfan sulfate	1031-07-8	~	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
Endrin	72-20-8	~	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
Endrin aldehyde	7421-93-4	5	0.01	U	0.01	UJ	0.01	U	0.01	U	0.01	UJ
Endrin aldehyde [2C]	7421-93-4	~	NT		NT	UJ	NT		NT		NT	UJ
Endrin ketone	53494-70-5	5	0.01	U	0.01	UJ	0.01	U	0.01	U	0.01	UJ
gamma-BHC (Lindane)	58-89-9	0.05	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
gamma-Chlordane	5566-34-7	~	0.01	U	0.01	UJ	0.01	U	0.01	U	0.01	UJ
Heptachlor	76-44-8	0.04	0.004	U	NT	UJ	0.004	U	0.004	U	0.004	UJ
Heptachlor [2C]	76-44-8	0.04	NT		0.004	UJ	NT		NT		NT	UJ
Heptachlor epoxide	1024-57-3	0.03	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
Methoxychlor	72-43-5	35	0.004	U	0.004	UJ	0.004	U	0.004	U	0.004	UJ
Toxaphene	8001-35-2	0.06	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	UJ
Polychlorinated Biphenyls (PCB)		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Aroclor 1016	12674-11-2	~	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ
Aroclor 1221	11104-28-2	~	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ
Aroclor 1232	11141-16-5	~	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ
Aroclor 1242	53469-21-9	~	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ
Aroclor 1248	12672-29-6	~	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ
Aroclor 1254	11097-69-1	~	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ
Aroclor 1260	11096-82-5	~	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	UJ
Total PCBs	1336-36-3	0.09	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

NOTES:
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Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 12
Pesticides and PCBs in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-6		MW-DUP-1		FB-1		FB-2		FB-3	
Labratory ID			23J1389-01		23J1389-05		23J1289-02		23J1389-06		23J1491-02	
Sampling Date			10/20/2023		10/20/2023		10/19/2023		10/20/2023		10/23/2023	
Sample Matrix			Ground Water		Ground Water		Water		Ground Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	FB-2	Q	Result	Q
Pesticides, 8081 target list		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
4,4'-DDD	72-54-8	0.3	**0.0224**	J	0.00421	UJ	0.004	U	0.004	U	0.004	U
4,4'-DDE	72-55-9	0.2	**0.0318**	J-	0.00421	UJ	0.004	U	0.004	U	0.004	U
4,4'-DDT	50-29-3	0.2	**0.136**	J-	**0.0171**	J	0.004	U	0.004	U	0.004	U
Aldrin	309-00-2	~	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
alpha-BHC	319-84-6	0.01	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
alpha-Chlordane	5103-71-9	~	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
beta-BHC	319-85-7	0.04	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
Chlordane, total	57-74-9	0.05	0.02	U	0.0211	U	0.02	U	0.02	U	0.02	U
delta-BHC	319-86-8	0.04	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
Dieldrin	60-57-1	0.004	0.002	U	0.00211	U	0.002	U	0.002	U	0.002	U
Endosulfan I	959-98-8	~	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
Endosulfan II	33213-65-9	~	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
Endosulfan sulfate	1031-07-8	~	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
Endrin	72-20-8	~	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
Endrin aldehyde	7421-93-4	5	0.01	U	0.0105	U	0.01	U	0.01	U	NT	
Endrin aldehyde [2C]	7421-93-4	~	NT		NT		NT		NT		0.01	U
Endrin ketone	53494-70-5	5	0.01	U	0.0105	U	0.01	U	0.01	U	0.01	U
gamma-BHC (Lindane)	58-89-9	0.05	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
gamma-Chlordane	5566-34-7	~	0.01	U	0.0105	U	0.01	U	0.01	U	0.01	U
Heptachlor	76-44-8	0.04	0.004	U	0.00421	U	0.004	U	0.004	U	0.004	U
Heptachlor [2C]	76-44-8	0.04	NT		NT		NT		NT		NT	
Heptachlor epoxide	1024-57-3	0.03	**0.0164**	J	0.00421	UJ	0.004	U	0.004	U	0.004	U
Methoxychlor	72-43-5	35	**0.0349**	JN	0.00421	UJ	0.004	U	0.004	U	0.00	U
Toxaphene	8001-35-2	0.06	0.1	U	0.105	U	0.1	U	0.1	U	0.1	U
Polychlorinated Biphenyls (PCB)		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Aroclor 1016	12674-11-2	~	0.05	R	0.0541	UJ	0.05	U	0.05	U	0.05	U
Aroclor 1221	11104-28-2	~	0.05	UJ	0.0541	UJ	0.05	U	0.05	U	0.05	U
Aroclor 1232	11141-16-5	~	0.05	UJ	0.0541	UJ	0.05	U	0.05	U	0.05	U
Aroclor 1242	53469-21-9	~	0.05	UJ	0.0541	UJ	0.05	U	0.05	U	0.05	U
Aroclor 1248	12672-29-6	~	0.05	UJ	0.0541	UJ	0.05	U	0.05	U	0.05	U
Aroclor 1254	11097-69-1	~	0.05	UJ	0.0541	UJ	0.05	U	0.05	U	0.05	U
Aroclor 1260	11096-82-5	~	0.05	R	0.0541	UJ	0.05	U	0.05	U	0.05	U
Total PCBs	1336-36-3	0.09	0.05	U	0.0541	U	0.05	U	0.05	U	0.05	U

NOTES:
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P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for
NT=this indicates the analyte was not a target for this sample
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Table 13
TAL Metals in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID			MW-1		MW-2		MW-3		MW-4		MW-5	
Labratory ID		NYSDEC TOGS	23J1389-04		23J1491-01		23J1289-01		23J1389-03		23J1389-02	
Sampling Date		Standards and	10/20/2023		10/23/2023		10/19/2023		10/20/2023		10/20/2023	
Sample Matrix		Guidance Values - GA	Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte, ICP		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Aluminum	7429-90-5	~	**6,630**	R	**17,700**	R	**1,360**		**863**	R	**9,880**	R
Barium	7440-39-3	1000	**214**	J+	**212**	J+	**114**		**97.2**	J+	**201**	J+
Calcium	7440-70-2	~	**56,700**	J	**25,700**	J	**49,200**	J+	**41,300**	J	**33,900**	J
Chromium	7440-47-3	50	**61.7**	J+	**108**	J+	**20.2**		**10.6**	J+	**94.6**	J+
Cobalt	7440-48-4	~	**9.080**	J+	**15.9**	J+	4.44	U	4.44	U	**36.9**	J+
Copper	7440-50-8	200	**71.7**	J+	**33.600**	J+	**92.8**		**24.9**	J+	**219**	J+
Iron	7439-89-6	~	**19,400**	J	**20,200**	J	**4,260**		**2,240**	J	**23,500**	J
Lead	7439-92-1	25	**38.4**	J+	**47.700**	J+	**19.9**		**6.39**	J+	**62.5**	J+
Magnesium	7439-95-4	35000	**20,600**	J	**13,000**	J	**18,100**		**15,800**	J	**10,100**	J
Manganese	7439-96-5	300	**866**	R	**630**	R	**480**		**358**	R	**1,860**	R
Nickel	7440-02-0	100	**49.6**	J+	**99.1**	J+	**22.8**		**13.1**	J+	**128**	J+
Potassium	7440-09-7	~	**7,750**	J	**6,350**	J	**5,950**		**5,060**	J	**3,960**	J
Silver	7440-22-4	50	5.560	U	5.56	U	5.560	U	5.56	U	5.56	U
Sodium	7440-23-5	20000	**35,800**		**31,400**		**36,600**	J+	**33,600**		**14,300**	
Vanadium	7440-62-2	~	**18.1**		**26.9**		11.1	U	11.1	U	**24.6**	
Zinc	7440-66-6	2000	**114**	J+	**108**	J+	**160**		**41.6**	J+	**227**	J+
Metals, Target Analyte, ICPMS		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Antimony	7440-36-0	3	1.11	U	**1.35**		1.11	U	**2.74**	J	1.11	U
Arsenic	7440-38-2	25	**3.98**		**10.7**		**1.95**		**1.38**		**4.89**	
Beryllium	7440-41-7	3	**0.484**	J+	**0.68**	J-	0.333	U	0.333	U	**1.03**	J+
Cadmium	7440-43-9	5	0.556	U	**0.576**		0.556	U	0.556	U	**0.947**	
Selenium	7782-49-2	10	**3.71**		1.11	U	**1.29**	UJ	**1.95**		1.11	U
Thallium	7440-28-0	~	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Mercury by 7470/7471		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Mercury	7439-97-6	0.7	0.2	U	**0.4**	U	0.2	U	0.2	U	**0.5**	U
Metals, Target Analyte, ICP Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Aluminum	7429-90-5	~	55.6	U	**2,170**	J+	55.6	U	55.6	U	**7,670**	J+
Barium	7440-39-3	1000	**70.8**		27.8	U	**66**		**75.4**		**79.1**	
Calcium	7440-70-2	~	**36,300**		**915**		**35,800**	J+	**38,500**		**7,640**	
Chromium	7440-47-3	50	5.56	U	**19.5**		5.56	U	5.56	U	**71.1**	
Cobalt	7440-48-4	~	4.44	U	4.44	U	4.44	U	4.44	U	**10.4**	
Copper	7440-50-8	200	22.2	U	22.2	U	22.2	U	22.2	U	**25.6**	
Iron	7439-89-6	~	278	U	**2,150**	J+	278	U	278	U	**10,500**	J+
Lead	7439-92-1	25	5.56	U	5.56	U	5.56	U	5.56	U	**17.8**	J
Magnesium	7439-95-4	35000	**14,800**		**1,020**		**14,900**		**15,100**		**5,540**	
Manganese	7439-96-5	300	**180**		**37.2**		**234**		**256**		**438**	
Nickel	7440-02-0	100	11.1	U	**13.2**	J+	11.1	U	11.1	U	**49.2**	J
Potassium	7440-09-7	~	5,320		**674**		**4,980**		**5,060**		**3,380**	
Silver	7440-22-4	50	5.560	U	5.56	U	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20000	**34,400**		**4,490**		**37,100**	J+	**33,600**		**13,500**	
Vanadium	7440-62-2	~	11.1	U	11.1	U	11.1	U	11.1	U	**14.3**	
Zinc	7440-66-6	2000	27.8	U	27.8	U	**31.7**		27.8	U	**67.5**	J
Metals, Target Analyte, ICPMS Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Antimony	7440-36-0	3	1.11	U	1.11	U	1.11	U	**3.27**	J	**1.43**	
Arsenic	7440-38-2	25	1.11	U	1.11	U	1.11	U	**1.3**		**2.25**	
Beryllium	7440-41-7	3	0.333	U	0.333	U	0.333	U	0.333	U	**0.391**	J+
Cadmium	7440-43-9	5	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	7782-49-2	10	**2.02**	J	1.11	U	**2.15**	J+	1.11	U	**1.27**	J
Thallium	7440-28-0	~	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Mercury, Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Mercury	7439-97-6	0.7	0.2	U	**0.3**	J+	0.2	U	0.2	U	**0.3**	J+

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NOTES:
Bold values are detected concentrations
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U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 13
TAL Metals in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-6		MW-DUP-1		FB-1		FB-2		FB-3	
Labratory ID			23J1389-01		23J1389-05		23J1289-02		23J1389-06		23J1491-02	
Sampling Date			10/20/2023		10/20/2023		10/19/2023		10/20/2023		10/23/2023	
Sample Matrix			Ground Water		Ground Water		Water		Ground Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	FB-2	Q	Result	Q
Metals, Target Analyte, ICP		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Aluminum	7429-90-5	~	**5,110**	R	**6,450**	R	55.6	U	55.6	U	**289**	R
Barium	7440-39-3	1000	**111**	J+	**113**	J+	27.8	U	27.8	U	27.8	U
Calcium	7440-70-2	~	**28,000**	J	**28,700**	J	**248**	J+	**202**	J	**137**	J
Chromium	7440-47-3	50	**30.6**	J+	**34.5**	J+	5.56	U	5.56	U	5.56	U
Cobalt	7440-48-4	~	**21.6**	J+	**25.9**	J+	4.44	U	4.44	U	4.44	U
Copper	7440-50-8	200	**47.7**	J+	**51.6**	J+	22.2	U	22.2	U	22.2	U
Iron	7439-89-6	~	**9,460**	J	**11,700**	J	278	U	278	U	278	U
Lead	7439-92-1	25	**106**	J+	**58.7**	J+	5.56	U	5.56	U	5.56	U
Magnesium	7439-95-4	35000	**10,200**	J	**10,800**	J	55.6	U	55.6	U	55.6	U
Manganese	7439-96-5	300	**1,310**	R	**1,420**	R	5.56	U	5.56	U	5.56	U
Nickel	7440-02-0	100	**69.6**	J+	**80.1**	J+	11.1	U	11.1	U	11.1	U
Potassium	7440-09-7	~	**4,940**	J	**5,280**	J	55.6	U	55.6	U	55.6	U
Silver	7440-22-4	50	5.560	U	5.56	U	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20000	**15,500**	J	**15,800**		**902**	J+	**704**		556	U
Vanadium	7440-62-2	~	**14.3**		**16.7**		11.1	U	11.1	U	11.1	U
Zinc	7440-66-6	2000	**184**	J+	**192**	J+	**31**		27.8	U	27.8	U
Metals, Target Analyte, ICPMS		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Antimony	7440-36-0	3	**1.51**		**1.35**		1.11	U	1.11	U	1.11	U
Arsenic	7440-38-2	25	**2.78**		**3.39**		1.11	U	1.11	U	1.11	U
Beryllium	7440-41-7	3	**0.743**	J+	**0.977**	J+	0.333	U	0.333	U	0.333	UJ
Cadmium	7440-43-9	5	**0.587**		**0.625**		0.556	U	0.556	U	0.556	U
Selenium	7782-49-2	10	1.11	U	**1.3**		**1.29**	J-	1.11	U	1.11	U
Thallium	7440-28-0	~	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Mercury by 7470/7471		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Mercury	7439-97-6	0.7	**0.4**	U	0.2	U	0.2	U	**0.2**		**0.3**	J
Metals, Target Analyte, ICP Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Aluminum	7429-90-5	~	**995**	J+	**4,260**	J+	55.6	U	55.6	U	55.6	U
Barium	7440-39-3	1000	**45.4**	J	**63.1**	J	27.8	U	27.8	U	27.8	U
Calcium	7440-70-2	~	**35,200**	J	**8,140**	J	**512**	J+	**201**		**183**	J
Chromium	7440-47-3	50	**9.99**	J	**28**	J	5.56	U	5.56	U	5.56	U
Cobalt	7440-48-4	~	**4.68**		**5.15**		4.44	U	4.44	U	4.44	U
Copper	7440-50-8	200	22.2	U	22.2	U	22.2	U	22.2	U	22.2	U
Iron	7439-89-6	~	**630**	J+	**4,390**	J+	278	U	278	U	278	U
Lead	7439-92-1	25	**34.5**	J	**13.8**	J	5.56	U	5.56	U	5.56	U
Magnesium	7439-95-4	35000	**22,600**	J	**4,280**	J	**101**		**56.8**		55.6	U
Manganese	7439-96-5	300	**1,670**	J	**384**	J	5.56	U	5.56	U	5.56	U
Nickel	7440-02-0	100	**30.8**	J	**26.6**	J	11.1	U	11.1	U	11.1	U
Potassium	7440-09-7	~	**5,220**	J	**3,410**	J	55.6	U	55.6	U	55.6	U
Silver	7440-22-4	50	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20000	**81,300**	J	**11,800**	J	**1,330**	J+	**732**		556	U
Vanadium	7440-62-2	~	11.1	U	11.1	U	11.1	U	11.1	U	11.1	U
Zinc	7440-66-6	2000	**61.4**	J	**38.5**	J	27.8	U	27.8	U	27.8	U
Metals, Target Analyte, ICPMS Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Antimony	7440-36-0	3	1.11	U	1.11	U	**1.73**	U	1.11	U	1.11	U
Arsenic	7440-38-2	25	**1.81**		**1.86**		1.11	U	1.11	U	1.11	U
Beryllium	7440-41-7	3	0.333	U	0.333	U	**1.04**	J+	0.333	U	0.333	U
Cadmium	7440-43-9	5	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	7782-49-2	10	**1.15**	J	1.11	U	1.11	U	1.11	U	1.11	U
Thallium	7440-28-0	~	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Mercury, Dissolved		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Mercury	7439-97-6	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

NOTES:
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NOTES:
Bold values are detected concentrations
Bold and highlighted values are concentrations above TOGS 1.1.1.
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 14
PFAS in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-1		MW-2		MW-3		MW-4		MW-5	
Labratory ID			23J1389-04		23J1491-01		23J1289-01		23J1389-03		23J1389-02	
Sampling Date			10/20/2023		10/23/2023		10/19/2023		10/20/2023		10/20/2023	
Sample Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List			ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	0.00125	U	0.0138	U	0.00147	U	0.00125	U	0.00131	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	0.00185	U	0.0205	U	0.00218	U	0.00185	U	0.00195	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	0.00162	U	0.0179	UJ	0.0019	U	0.00162	U	0.0017	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	0.00096	U	**0.181**	J	**0.0208**	J	**0.00121**	J	0.00101	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	0.00856	U	0.0947	U	0.0101	U	0.00857	U	0.00901	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	0.00662	U	0.0733	U	0.00779	U	0.00663	U	0.00698	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	0.00183	U	0.0203	U	0.00216	U	0.00184	U	0.00193	U
9CL-PF3ONS	756426-58-1	~	0.00063	U	0.007	U	0.00074	U	0.00063	U	0.00067	U
ADONA	919005-14-4	~	0.00048	U	0.0053	U	0.00056	U	0.00048	U	0.0005	U
HFPO-DA (Gen-X)	13252-13-6	~	0.00292	U	0.0323	U	0.00343	U	0.00292	U	0.00307	U
N-EtFOSA	4151-50-2	~	0.00163	U	0.018	U	0.00191	U	0.00163	U	0.00171	U
N-EtFOSAA	2991-50-6	~	0.00093	U	0.0103	U	0.00109	U	0.00093	U	0.00098	U
N-EtFOSE	1691-99-2	~	0.00361	UJ	0.0399	U	0.00424	U	0.00361	U	0.0038	UJ
N-MeFOSA	31506-32-8	~	0.00143	U	0.0158	U	0.00168	U	0.00143	U	0.0015	U
N-MeFOSAA	2355-31-9	~	0.00071	U	0.0079	U	0.00084	U	0.00072	U	0.00075	U
N-MeFOSE	24448-09-7	~	0.00361	U	0.0399	U	0.00424	U	0.00361	U	0.0038	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	0.00045	U	0.005	U	0.00053	U	0.00045	U	0.00048	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	0.00119	U	0.0132	U	0.0014	U	0.00119	U	0.00126	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	**0.00136**	J	0.0091	U	0.00097	U	**0.00171**	J	0.00087	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	0.00078	U	0.0086	U	0.00091	U	0.00078	U	0.00082	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	0.0008	U	0.0088	U	0.00094	U	0.0008	U	0.00084	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	0.00069	U	0.0076	U	0.00081	U	0.00069	U	0.00072	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	0.00193	U	0.0214	U	0.00228	U	0.00194	U	0.00204	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	0.00023	R	0.0025	R	0.00027	R	0.00023	R	0.00024	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	0.00033	U	0.0037	U	0.00039	U	0.00034	U	0.00035	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	0.00139	J	0.0047	U	**0.00128**	J	**0.00133**	J	**0.00081**	J
Perfluorodecanoic acid (PFDA)	335-76-2	~	0.00068	U	0.0075	U	0.0008	U	0.00068	U	0.00071	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	0.00084	U	0.0093	U	0.00099	U	0.00084	U	0.00089	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	0.0008	U	0.0088	U	0.00094	U	0.0	U	0.00084	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	**0.0059**		0.0071	U	**0.00564**		**0.00615**		**0.00319**	J
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	**0.00148**	J	0.0068	U	**0.0014**	J	**0.00156**	J	0.00082	J
Perfluorohexanoic acid (PFHxA)	307-24-4	~	**0.00548**		0.0035	U	**0.00511**		**0.00585**		**0.00317**	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	0.0003	R	**0.00499**	J	0.00035	R	0.0003	R	0.00031	R
Perfluorononanoic acid (PFNA)	375-95-1	~	**0.00233**		0.0052	U	0.00055	U	**0.00049**	J	0.0005	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.01	**0.0116**		0.0082	U	**0.00132**	J	**0.0142**		**0.00108**	J
Perfluorooctanoic acid (PFOA)	335-67-1	0.01	**0.0496**		0.0042	U	**0.0366**		**0.0556**		**0.0302**	
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	**0.00442**		0.0023	UJ	**0.00351**	UJ	**0.0046**		**0.00327**	J
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	0.00062	U	0.0069	U	0.00073	U	0.00062	U	0.00066	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	0.00067	U	0.0074	U	0.00079	U	0.00067	U	0.0007	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	0.00102	U	0.0113	U	0.0012	U	0.00102	U	0.00108	U

NOTES:
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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 14
PFAS in Groundwater
960 Franklin Avenue, Brooklyn, NY

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW-6		MW-DUP-1		FB-1		FB-3	
Labratory ID			23J1389-01		23J1389-05		23J1289-02		23J1491-02	
Sampling Date			10/20/2023		10/20/2023		10/19/2023		10/23/2023	
Sample Matrix			Ground Water		Ground Water		Water		Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List			ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	0.00123	U	0.00124	U	0.00134	U	0.0013	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	0.00182	U	0.00185	U	0.00199	U	0.00193	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	0.00159	U	0.00161	U	0.00174	U	0.00168	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	**0.168**		**0.171**		0.00103	U	0.001	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	0.00841	U	0.00853	U	0.00921	U	0.00889	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	0.00651	U	0.0066	U	0.00713	U	0.00688	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	0.0018	U	0.00183	U	0.00197	U	0.00191	U
9CL-PF3ONS	756426-58-1	~	0.00062	U	0.00063	U	0.00068	U	0.00066	U
ADONA	919005-14-4	~	0.00047	U	0.00048	U	0.00052	U	0.0005	U
HFPO-DA (Gen-X)	13252-13-6	~	0.00287	U	0.00291	U	0.00314	U	0.00303	U
N-EtFOSA	4151-50-2	~	0.0016	UJ	0.00162	U	0.00175	U	0.00169	U
N-EtFOSAA	2991-50-6	~	0.00092	U	0.00093	U	0.001	U	0.00097	U
N-EtFOSE	1691-99-2	~	0.00354	UJ	0.00359	UJ	0.00388	U	0.00375	U
N-MeFOSA	31506-32-8	~	0.0014	U	0.00142	U	0.00154	U	0.00148	U
N-MeFOSAA	2355-31-9	~	0.0007	U	0.00071	U	0.00077	U	0.00074	U
N-MeFOSE	24448-09-7	~	0.00354	UJ	0.00359	UJ	0.00388	U	0.00375	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	0.00044	U	0.00045	U	0.00049	U	0.00047	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	0.00117	U	0.00119	U	0.00128	U	0.00124	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	0.00081	U	0.00082	U	0.00089	U	0.00086	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	0.00076	U	0.00078	U	0.00084	U	0.00081	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	0.00078	U	0.00079	U	0.00086	U	0.00083	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	0.00068	U	0.00069	U	0.00074	U	0.00071	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	0.0019	U	0.00193	U	0.00208	U	0.00201	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	0.00022	R	0.00023	R	0.00024	R	0.00024	R
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	0.00033	UJ	0.00033	U	0.00036	U	0.00035	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	0.00042	U	0.00042	U	0.00046	U	0.00044	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	0.00067	U	0.00068	U	0.00073	U	0.0007	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	0.00083	U	0.00084	U	0.00091	U	0.00087	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	0.00078	U	0.00079	U	0.00086	U	0.00083	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	0.00063	U	0.00064	U	0.00069	U	0.00067	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	**0.00076**	J	0.00061	U	0.00066	U	0.00064	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	**0.00112**	J	**0.0013**	J	0.00034	U	0.00033	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	**0.00076**	J	0.0003	UJ	0.00032	R	0.00031	R
Perfluorononanoic acid (PFNA)	375-95-1	~	0.00046	U	0.00047	U	0.00051	U	0.00049	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.01	**0.00176**		**0.00143**	J	0.0008	U	0.00077	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.01	**0.00164**	J	**0.00224**		0.00041	U	0.00039	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	0.0002	U	**0.0006**	J	**0.00044**	J	0.00022	R
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	0.00061	U	0.00062	U	0.00067	U	0.00065	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	0.00066	U	0.00067	U	0.00072	U	0.0007	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	0.001	U	0.00102	U	0.0011	U	0.00106	U

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Table 15
VOCs in Soil Vapor and Outdoor Air
960 Franklin Avenue, Brooklyn, NY

Sample ID		23SV-1		23SV-2		23SV-3		23SV-4		23SV-5		23SV-6	
York ID		23J0988-01		23J1319-01		23J0988-03		23J0988-04		23J0988-05		23J0988-06	
Sampling Date		10/13/2023		10/19/2023		10/13/2023		10/13/2023		10/13/2023		10/13/2023	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		17.6		3.23		17.24		16.06		16.46		3.27	
1,1,1,2-Tetrachloroethane	630-20-6	12	U	2.2	U	12	U	11	U	11	U	2.2	U
1,1,1-Trichloroethane	71-55-6	**9.6**	D	1.8	U	9.4	U	8.8	U	9	U	1.8	U
1,1,2,2-Tetrachloroethane	79-34-5	12	U	2.2	U	12	U	11	U	11	U	2.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	13	U	2.5	U	13	U	12	U	13	U	2.5	U
1,1,2-Trichloroethane	79-00-5	9.6	U	1.8	U	9	U	8.8	U	9	U	1.8	U
1,1-Dichloroethane	75-34-3	7.1	U	1.3	U	7	U	6.5	U	6.7	U	1.3	U
1,1-Dichloroethylene	75-35-4	1.7	U	0.3	U	1.7	U	1.6	U	1.6	U	0.32	U
1,2,4-Trichlorobenzene	120-82-1	**25.0**	BD	2.4	U	13	U	12	U	12	U	2.4	U
1,2,4-Trimethylbenzene	95-63-6	8.6	U	1.6	U	9	U	7.9	U	8.1	U	1.6	U
1,2-Dibromoethane	106-93-4	14	U	2.5	U	13	U	12	U	13	U	2.5	U
1,2-Dichlorobenzene	95-50-1	11	U	1.9	U	10	U	9.7	U	9.9	U	2	U
1,2-Dichloroethane	107-06-2	7.1	U	1.3	U	7	U	6.5	U	6.7	U	1.3	U
1,2-Dichloropropane	78-87-5	8.1	U	1.5	U	8	U	7.4	U	7.6	U	1.5	U
1,2-Dichlorotetrafluoroethane	76-14-2	12	U	2.3	U	12	U	11	U	12	U	2.3	U
1,3,5-Trimethylbenzene	108-67-8	8.6	U	1.6	U	9	U	7.9	U	8.1	U	1.6	U
1,3-Butadiene	106-99-0	**44**	D	2.1	U	11	U	**14**	D	11	U	2.2	U
1,3-Dichlorobenzene	541-73-1	11	U	1.9	U	10	U	9.7	U	9.9	U	2	U
1,3-Dichloropropane	142-28-9	8.1	U	1.5	U	8	U	7.4	U	7.6	U	1.5	U
1,4-Dichlorobenzene	106-46-7	11	U	1.9	U	10	U	9.7	U	9.9	U	2	U
1,4-Dioxane	123-91-1	13	U	2.3	U	12	U	12	U	12	U	2.4	U
2-Butanone	78-93-3	**6.7**	BD	**4.2**	D	**15**	BD	**15**	BD	**20**	BD	**4.1**	BD
2-Hexanone	591-78-6	14	U	2.6	U	14	U	13	U	13	U	2.7	U
3-Chloropropene	107-05-1	28	U	5.1	U	27	U	25	U	26	U	5.1	U
4-Methyl-2-pentanone	108-10-1	7.2	U	1.3	U	7.10	U	6.6	U	6.7	U	1.3	U
Acetone	67-64-1	**77**	BD	**220**	D	**1,400**	BD	**1,100**	BD	**1,400**	BD	**240**	BD
Acrylonitrile	107-13-1	**10**	D	**14**	D	4	U	3.5	U	**7.1**	D	0.71	U
Benzene	71-43-2	**6.7**	D	**1**	D	**30**	D	**8.7**	D	**12**	D	**1.1**	D
Benzyl chloride	100-44-7	9.1	U	1.7	U	9	U	8.3	U	8.5	U	1.7	U
Bromodichloromethane	75-27-4	12	U	2.2	U	12	U	11	U	11	U	2.2	U
Bromoform	75-25-2	18	U	3.3	U	18	U	17	U	17	U	3.4	U
Bromomethane	74-83-9	6.8	U	1.3	U	7	U	6.2	U	6.4	U	1.3	U
Carbon disulfide	75-15-0	**29**	D	1	U	**260**	D	**14**	D	**19**	D	1	U
Carbon tetrachloride	56-23-5	2.8	U	0.51	U	3	U	2.5	U	2.6	U	0.51	U
Chlorobenzene	108-90-7	8.1	U	1.5	U	8	U	7.4	U	7.6	U	1.5	U
Chloroethane	75-00-3	4.6	U	0.85	U	5	U	4.2	U	4.3	U	0.86	U
Chloroform	67-66-3	8.6	U	1.6	U	8	U	7.8	U	8	U	1.6	U
Chloromethane	74-87-3	3.6	U	0.67	U	4	U	3.3	U	3.4	U	**1.4**	D
cis-1,2-Dichloroethylene	156-59-2	1.7	U	0.32	U	2	U	1.6	U	1.6	U	0.32	U
cis-1,3-Dichloropropylene	10061-01-5	8	U	1.5	U	8	U	7.3	U	7.5	U	1.5	U
Cyclohexane	110-82-7	**9.1**	D	1.1	U	**10**	D	5.5	U	**9.1**	D	1.1	U
Dibromochloromethane	124-48-1	15	U	2.7	U	15	U	14	U	14	U	2.8	U
Dichlorodifluoromethane	75-71-8	8.7	U	**2.6**	D	**14**	D	**74**	D	**16**	D	**2.8**	D
Ethyl acetate	141-78-6	13	U	2.3	U	12	U	12	U	12	U	2.4	U
Ethyl Benzene	100-41-4	**7.6**	D	1.4	U	**10**	D	**7.7**	D	**7.1**	D	1.4	U
Hexachlorobutadiene	87-68-3	19	U	3.4	U	18	U	17	U	18	U	3.5	U
Isopropanol	67-63-0	**33**	BD	**7.5**	BD	21	U	**26**	BD	20	U	**11**	BD
Methyl Methacrylate	80-62-6	7.2	U	1.3	U	7	U	6.6	U	6.7	U	1.3	U
Methyl tert-butyl ether (MTBE)	1634-04-4	6.3	U	1.2	U	6	U	5.8	U	5.9	U	1.2	U
Methylene chloride	75-09-2	12	U	2.2	U	12	U	11	U	11	U	2.3	U
n-Heptane	142-82-5	**15**	D	1.3	U	7	U	6.6	U	6.7	U	1.3	U
n-Hexane	110-54-3	**40**	D	**1.5**	D	**56**	D	**24**	D	**26**	D	1.2	U
o-Xylene	95-47-6	**8.4**	D	1.4	U	**9.70**	D	**8.4**	D	**7.9**	D	1.4	U
p- & m- Xylenes	179601-23-1	**25**	D	2.8	U	**30**	D	**25**	D	**25**	D	2.8	U
p-Ethyltoluene	622-96-8	8.6	U	1.6	U	8.50	U	**7.9**	D	**8.1**	D	1.6	U
Propylene	115-07-1	**1,000**	D	**3.8**	D	**460**	D	**310**	D	2.8	U	**5.9**	D
Styrene	100-42-5	7.5	U	1.4	U	7	U	6.8	U	7	U	1.4	U
Tetrachloroethylene	127-18-4	12	U	**4.6**	D	**2,200**	D	**440**	D	11	U	2.2	U
Tetrahydrofuran	109-99-9	10.0	U	1.9	U	10	U	9.5	U	9.7	U	1.9	U
Toluene	108-88-3	**37**	D	**3**	D	**57**	D	**34**	D	**28**	D	**2.1**	D
trans-1,2-Dichloroethylene	156-60-5	7.0	U	1.3	U	7	U	6.4	U	6.5	U	1.3	U
trans-1,3-Dichloropropylene	10061-02-6	8	U	1.5	U	8	U	7.3	U	7.5	U	1.5	U
Trichloroethylene	79-01-6	2.4	U	0.43	U	**5**	D	**9.5**	D	2.2	U	0.44	U
Trichlorofluoromethane (Freon 11)	75-69-4	9.9	U	1.8	U	10	U	9	U	9.2	U	1.8	U
Vinyl acetate	108-05-4	6.2	U	1.1	U	6	U	5.7	U	5.8	U	1.2	U
Vinyl bromide	593-60-2	7.7	U	1.4	U	8	U	7	U	7.2	U	1.4	U
Vinyl Chloride	75-01-4	2.2	U	0.41	U	2	U	2.1	U	2.1	U	0.42	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
B=analyte detected in laboratory blank
U=analyte not detected at or above the level indicated

Table 15
VOCs in Soil Vapor and Outdoor Air
960 Franklin Avenue, Brooklyn, NY

Sample ID		23SV-7		23SV-8		23SV-9		23SV-10		23SV-11		23SV-12	
York ID		23J0988-07		23J0988-08		23J0988-09		23J0988-10		23J0988-11		23J0988-12	
Sampling Date		10/13/2023		10/13/2023		10/13/2023		10/13/2023		10/13/2023		10/13/2023	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.71		1.76		9.62		16.41		3.16		31.04	
1,1,1,2-Tetrachloroethane	630-20-6	1.2	U	1.2	U	6.6	U	11	U	2.2	U	11	U
1,1,1-Trichloroethane	71-55-6	0.93	U	0.96	U	**1,000**	D	**2,400**	D	**290**	D	**5,600**	D
1,1,2,2-Tetrachloroethane	79-34-5	1.2	U	1.2	U	6.6	U	11	U	2.2	U	11	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	1.3	U	1.3	U	7.4	U	13	U	2.4	U	12	U
1,1,2-Trichloroethane	79-00-5	0.93	U	0.96	U	5.3	U	9	U	1.7	U	8.5	U
1,1-Dichloroethane	75-34-3	0.69	U	0.71	U	3.9	U	6.6	U	1.3	U	**6.9**	D
1,1-Dichloroethylene	75-35-4	0.17	U	0.17	U	**93**	D	**2.6**	D	0.3	U	**41.0**	D
1,2,4-Trichlorobenzene	120-82-1	1.3	U	1.3	U	7.1	U	12	U	2.3	U	12.0	U
1,2,4-Trimethylbenzene	95-63-6	**8.7**	D	**6.2**	D	4.7	U	8.1	U	**6.1**	D	7.6	U
1,2-Dibromoethane	106-93-4	1.3	U	1.4	U	7.4	U	13	U	2.4	U	12	U
1,2-Dichlorobenzene	95-50-1	1	U	1.1	U	5.8	U	9.9	U	1.9	U	9.3	U
1,2-Dichloroethane	107-06-2	0.69	U	0.71	U	3.9	U	6.6	U	1.3	U	6.3	U
1,2-Dichloropropane	78-87-5	0.79	U	0.81	U	4.4	U	7.6	U	1.5	U	7.2	U
1,2-Dichlorotetrafluoroethane	76-14-2	1.2	U	1.2	U	6.7	U	11	U	2.2	U	11	U
1,3,5-Trimethylbenzene	108-67-8	**2.7**	D	**1.6**	D	4.7	U	8.1	U	**1.7**	D	7.6	U
1,3-Butadiene	106-99-0	1.1	U	1.2	U	6.4	U	11	U	2.1	U	10	U
1,3-Dichlorobenzene	541-73-1	1	U	1.1	U	5.8	U	9.9	U	1.9	U	9.3	U
1,3-Dichloropropane	142-28-9	0.79	U	0.81	U	4.4	U	7.6	U	1.5	U	7.2	U
1,4-Dichlorobenzene	106-46-7	1	U	1.1	U	5.8	U	9.9	U	1.9	U	9.3	U
1,4-Dioxane	123-91-1	1.2	U	1.3	U	6.9	U	12	U	2.3	U	11	U
2-Butanone	78-93-3	**1.4**	BD	**0.93**	BD	**3.1**	BD	4.8	U	**3**	D	**5.5**	BD
2-Hexanone	591-78-6	1.4	U	1.4	U	7.9	U	13	U	2.6	U	13	U
3-Chloropropene	107-05-1	2.7	U	2.8	U	15	U	26	U	4.9	U	24	U
4-Methyl-2-pentanone	108-10-1	0.7	U	**1.5**	D	3.9	U	6.7	U	**3.5**	D	6.4	U
Acetone	67-64-1	**19**	BD	**20**	BD	**320**	BD	7.8	U	**57**	D	**32**	BD
Acrylonitrile	107-13-1	0.37	U	0.38	U	2.1	U	3.6	U	0.7	U	3.4	U
Benzene	71-43-2	**11**	D	**0.67**	D	**3.4**	D	5.2	U	**1.5**	D	**5**	D
Benzyl chloride	100-44-7	0.89	U	0.91	U	5	U	8.5	U	1.6	U	8	U
Bromodichloromethane	75-27-4	1.1	U	1.2	U	6.4	U	11	U	2.1	U	10	U
Bromoform	75-25-2	1.8	U	1.8	U	9.9	U	17	U	3.3	U	16	U
Bromomethane	74-83-9	0.67	U	0.68	U	3.7	U	6.4	U	1.2	U	6	U
Carbon disulfide	75-15-0	0.53	U	**1**	D	3	U	5.1	U	**2.5**	D	**6.3**	D
Carbon tetrachloride	56-23-5	**0.43**	D	**0.33**	D	1.5	U	2.6	U	0.5	U	2.4	U
Chlorobenzene	108-90-7	0.79	U	0.81	U	4.4	U	7.6	U	1.5	U	7.1	U
Chloroethane	75-00-3	0.45	U	0.46	U	2.5	U	4.3	U	0.8	U	4.1	U
Chloroform	67-66-3	0.84	U	**1.5**	D	4.7	U	8	U	1.5	U	**7.6**	D
Chloromethane	74-87-3	**1.2**	D	0.36	U	2	U	3.4	U	0.7	U	3.2	U
cis-1,2-Dichloroethylene	156-59-2	0.17	U	0.17	U	0.95	U	1.6	U	0.3	U	1.5	U
cis-1,3-Dichloropropylene	10061-01-5	0.78	U	0.8	U	4.4	U	7.4	U	1.4	U	7	U
Cyclohexane	110-82-7	**5.5**	D	0.61	U	3.3	U	5.6	U	**1.4**	D	5.3	U
Dibromochloromethane	124-48-1	1.5	U	1.5	U	8.2	U	14	U	2.7	U	13	U
Dichlorodifluoromethane	75-71-8	**2.8**	D	**2.8**	D	4.8	U	8.1	U	**2.8**	D	7.7	U
Ethyl acetate	141-78-6	1.2	U	1.3	U	6.9	U	12	U	2.3	U	11	U
Ethyl Benzene	100-41-4	**8**	D	**4.4**	D	4.2	U	7.1	U	**6.9**	D	6.7	D
Hexachlorobutadiene	87-68-3	1.80	U	1.9	U	10	U	18	U	3.4	U	17	U
Isopropanol	67-63-0	**8.3**	BD	**2.6**	BD	12	U	20	U	3.9	U	**25**	BD
Methyl Methacrylate	80-62-6	**3.2**	D	0.72	U	3.9	U	6.7	U	1.3	U	6.4	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.62	U	0.63	U	3.5	U	5.9	U	1.1	U	5.6	U
Methylene chloride	75-09-2	1.2	U	1.2	U	6.7	U	11	U	2.2	U	11	U
n-Heptane	142-82-5	0.7	U	**3.1**	D	3.9	U	6.7	U	**7.5**	D	6.4	U
n-Hexane	110-54-3	**22**	D	**0.68**	D	**3.4**	D	5.8	U	**1.8**	D	5.5	U
o-Xylene	95-47-6	**9.9**	D	**5.5**	D	4.2	U	7.1	U	**7.5**	D	**7.4**	D
p- & m- Xylenes	179601-23-1	**27**	D	**17**	D	**10**	D	**20**	D	**23**	D	**22**	D
p-Ethyltoluene	622-96-8	**7.9**	D	**7.3**	D	4.7	U	8.1	U	**7.1**	D	7.6	U
Propylene	115-07-1	**9.1**	D	**0.82**	D	**30**	D	2.8	U	**3.4**	D	**26**	D
Styrene	100-42-5	**2.4**	D	0.75	U	4.1	U	7	U	1.3	U	6.6	U
Tetrachloroethylene	127-18-4	1.2	U	**10**	D	**14**	D	11	U	**3.0**	D	11	U
Tetrahydrofuran	109-99-9	1	U	1	U	5.7	U	9.7	U	1.9	U	9.2	U
Toluene	108-88-3	**36**	D	**17**	D	**11**	D	**28**	D	**33**	D	**27**	D
trans-1,2-Dichloroethylene	156-60-5	0.68	U	0.7	U	3.8	U	6.5	U	1.3	U	6.2	U
trans-1,3-Dichloropropylene	10061-02-6	0.78	U	0.8	U	4.4	U	7.4	U	1.4	U	7.0	U
Trichloroethylene	79-01-6	0.23	U	**0.47**	D	**26**	D	2.2	U	**14**	D	**21**	D
Trichlorofluoromethane (Freon 11)	75-69-4	**1.4**	D	**1.4**	D	5.4	U	**9.2**	U	1.8	U	8.7	U
Vinyl acetate	108-05-4	0.6	U	0.62	U	3.4	U	5.8	U	1.1	U	5.5	U
Vinyl bromide	593-60-2	0.75	U	0.77	U	4.2	U	7.2	U	1.4	U	6.8	U
Vinyl Chloride	75-01-4	0.22	U	0.22	U	1.2	U	2.1	U	0.4	U	2.0	U

NOTES:
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Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
B=analyte detected in laboratory blank
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Table 15
VOCs in Soil Vapor and Outdoor Air
960 Franklin Avenue, Brooklyn, NY

Sample ID		23SV-13		23SV-14		23SV-15		23SV-16		23SV-X		AO-1	
York ID		23J0988-13		23J0988-14		23J1319-02		23J0988-16		23J0988-17		23J0988-18	
Sampling Date		10/13/2023		10/13/2023		10/19/2023		10/13/2023		10/13/2023		10/13/2023	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.63		1.51		1.57		1.75		3.67		0.77	
1,1,1,2-Tetrachloroethane	630-20-6	1.1	U	1	U	1.1	U	1.2	U	2.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	**11**	D	**72.0**	D	**4.1**	D	**220**	D	2	U	0.4	U
1,1,2,2-Tetrachloroethane	79-34-5	1.1	U	1	U	1.1	U	1.2	U	2.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	1.3	U	1.2	U	1.2	U	1.3	U	2.8	U	**0.6**	D
1,1,2-Trichloroethane	79-00-5	0.9	U	0.8	U	0.9	U	1	U	2	U	0.4	U
1,1-Dichloroethane	75-34-3	0.7	U	0.6	U	0.6	U	0.7	U	1.5	U	0.3	U
1,1-Dichloroethylene	75-35-4	0.2	U	0.2	U	0.2	U	0.7	D	0.4	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	1.2	U	1.1	U	1.2	U	1.3	U	2.7	U	0.6	U
1,2,4-Trimethylbenzene	95-63-6	**1.8**	D	**3.8**	D	**5.3**	D	**5**	D	**2**	D	**1.3**	D
1,2-Dibromoethane	106-93-4	1.3	U	1.2	U	1.2	U	1.3	U	2.8	U	0.6	U
1,2-Dichlorobenzene	95-50-1	1	U	0.9	U	0.9	U	1.1	U	2.2	U	0.5	U
1,2-Dichloroethane	107-06-2	0.7	U	0.6	U	0.6	U	0.7	U	1.5	U	0.3	U
1,2-Dichloropropane	78-87-5	0.8	U	0.7	U	0.7	U	0.8	U	1.7	U	0.4	U
1,2-Dichlorotetrafluoroethane	76-14-2	1.1	U	1.1	U	1.1	U	1.2	U	2.6	U	0.5	U
1,3,5-Trimethylbenzene	108-67-8	0.8	U	**1.7**	D	**1.5**	D	**1.5**	D	1.8	U	**0.4**	D
1,3-Butadiene	106-99-0	1.1	U	1	U	**2.6**	D	1.2	U	2.4	U	0.5	U
1,3-Dichlorobenzene	541-73-1	1	U	0.9	U	0.9	U	1.1	U	2.2	U	0.5	U
1,3-Dichloropropane	142-28-9	0.8	U	0.7	U	0.7	U	0.8	U	1.7	U	0.4	U
1,4-Dichlorobenzene	106-46-7	1	U	0.9	U	0.9	U	1.1	U	2.2	U	0.5	U
1,4-Dioxane	123-91-1	1.2	U	1.1	U	1.1	U	1.3	U	2.6	U	0.6	U
2-Butanone	78-93-3	**1.3**	D	**1.8**	D	**1.3**	D	**5.6**	D	**2.4**	D	**0.9**	D
2-Hexanone	591-78-6	1.3	U	1.2	U	1.3	U	**1.6**	D	3	U	0.6	U
3-Chloropropene	107-05-1	2.6	U	2.4	U	2.5	U	2.7	U	5.7	U	1.2	U
4-Methyl-2-pentanone	108-10-1	0.7	U	**0.7**	D	0.6	U	**5**	D	1.5	U	0.3	U
Acetone	67-64-1	**4.3**	D	**9.5**	D	**11**	D	**23**	D	**14**	D	**14**	D
Acrylonitrile	107-13-1	0.4	U	**0.6**	D	**23**	D	0.4	U	0.8	U	0.2	U
Benzene	71-43-2	0.5	U	0.5	U	**1.5**	D	**8.4**	D	**2.6**	D	**1.8**	D
Benzyl chloride	100-44-7	0.8	U	0.8	U	0.8	U	0.9	U	1.9	U	0.4	U
Bromodichloromethane	75-27-4	1.1	U	1	U	1.1	U	1.2	U	2.5	U	0.5	U
Bromoform	75-25-2	1.7	U	1.6	U	1.6	U	1.8	U	3.8	U	0.8	U
Bromomethane	74-83-9	0.6	U	0.6	U	0.6	U	0.7	U	1.4	U	0.3	U
Carbon disulfide	75-15-0	**3.9**	D	**7.0**	D	**40.0**	D	**9.2**	D	1.1	U	0.2	U
Carbon tetrachloride	56-23-5	**0.3**	D	0.2	U	**0.3**	D	**1.1**	D	0.6	U	0.1	U
Chlorobenzene	108-90-7	0.8	U	0.7	U	0.7	U	0.8	U	1.7	U	0.4	U
Chloroethane	75-00-3	0.4	U	0.4	U	0.4	U	0.5	U	1.0	U	0.2	U
Chloroform	67-66-3	**1.1**	D	**3.5**	D	**1.5**	D	0.9	U	1.8	U	0.4	U
Chloromethane	74-87-3	**0.4**	D	**0.5**	D	0.3	U	**0.4**	D	0.8	U	**1**	D
cis-1,2-Dichloroethylene	156-59-2	0.2	U	0.2	U	0.2	U	0.2	U	0.4	U	0.1	U
cis-1,3-Dichloropropylene	10061-01-5	0.7	U	0.7	U	0.7	U	0.8	U	1.7	U	0.4	U
Cyclohexane	110-82-7	0.6	U	0.5	U	**0.6**	D	**0.8**	D	1.3	U	**0.7**	D
Dibromochloromethane	124-48-1	1.4	U	1.3	U	1.3	U	1.5	U	3.1	U	0.7	U
Dichlorodifluoromethane	75-71-8	**3.6**	D	**11**	D	2.5	D	**2.7**	D	**2.7**	D	**2.6**	D
Ethyl acetate	141-78-6	1.2	U	1.1	U	1.1	U	1.3	U	2.6	U	**0.6**	D
Ethyl Benzene	100-41-4	0.7	U	**0.8**	D	**4**	D	**5.5**	D	1.6	U	**1**	D
Hexachlorobutadiene	87-68-3	1.7	U	1.6	U	1.7	U	1.9	U	3.9	U	0.8	U
Isopropanol	67-63-0	2.0	U	1.9	U	0.8	U	2.1	U	**8.7**	BD	**5.4**	BD
Methyl Methacrylate	80-62-6	0.7	U	0.6	U	0.6	U	0.7	U	1.5	U	**0.6**	D
Methyl tert-butyl ether (MTBE)	1634-04-4	0.6	U	0.6	U	0.6	U	0.6	U	1.3	U	0.3	U
Methylene chloride	75-09-2	1.1	U	1.1	U	1.1	U	1.2	U	2.6	U	**0.5**	D
n-Heptane	142-82-5	0.7	U	0.6	U	**2.4**	D	0.7	U	1.5	U	0.3	U
n-Hexane	110-54-3	0.6	U	0.5	U	**1.8**	D	**7.7**	D	**3.9**	D	**8.2**	D
o-Xylene	95-47-6	0.7	U	**4.2**	D	**5.4**	D	**6**	D	**1.8**	D	**1.3**	D
p- & m- Xylenes	179601-23-1	1.4	U	**4.3**	D	**15**	D	**18**	D	**4.6**	D	**3.3**	D
p-Ethyltoluene	622-96-8	0.8	U	**2.6**	D	**5.9**	D	**6.3**	D	1.8	U	**1.1**	D
Propylene	115-07-1	0.3	U	0.3	U	**38**	D	**80**	D	0.6	U	0.1	U
Styrene	100-42-5	0.7	U	0.6	U	0.7	U	0.7	U	1.6	U	0.3	U
Tetrachloroethylene	127-18-4	**23**	D	**10**	D	1.6	D	**3.7**	D	2.5	U	**0.5**	D
Tetrahydrofuran	109-99-9	1	U	0.9	U	0.9	U	1	U	2.2	U	0.5	U
Toluene	108-88-3	**1**	D	**1.4**	D	**13**	D	**27**	D	**6.5**	D	**4.2**	D
trans-1,2-Dichloroethylene	156-60-5	0.7	U	0.6	U	0.6	U	0.7	U	1.5	U	0.3	U
trans-1,3-Dichloropropylene	10061-02-6	0.7	U	0.7	U	0.7	U	0.8	U	1.7	U	0.4	U
Trichloroethylene	79-01-6	**14**	D	**0.3**	D	0.2	U	**0.5**	D	0.5	U	0.1	U
Trichlorofluoromethane (Freon 11)	75-69-4	1.3	D	**1.4**	D	**1.1**	D	**1.4**	D	2.1	U	**1.3**	D
Vinyl acetate	108-05-4	0.6	U	0.5	U	0.6	U	0.6	U	1.3	U	0.3	U
Vinyl bromide	593-60-2	0.7	U	0.7	U	0.7	U	0.8	U	1.6	U	0.3	U
Vinyl Chloride	75-01-4	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U	0.1	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
B=analyte detected in laboratory blank
U=analyte not detected at or above the level indicated

Table 15
VOCs in Soil Vapor and Outdoor Air
960 Franklin Avenue, Brooklyn, NY

Sample ID		24SV-1S		24SV-1I		24SV-1D	
York ID		24C1962-01		24C1962-02		24C1962-03	
Sampling Date		3/29/2024		3/29/2024		3/29/2024	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q
VOA, TO15 Isooctane (2,2,4-TMP) Add On		ug/m3		ug/m3		ug/m3	
Dilution Factor		16.31		1.56		1.74	
2,2,4-Trimethylpentane	540-84-1	**4.6**	D	0.4	U	0.4	U
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3	
Dilution Factor		16.31		1.56		1.74	
1,1,1,2-Tetrachloroethane	630-20-6	11	U	1.1	U	1.2	U
1,1,1-Trichloroethane	71-55-6	8.9	U	0.9	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	11	U	1.1	U	1.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	12	U	1.2	U	1.3	U
1,1,2-Trichloroethane	79-00-5	8.9	U	0.9	U	1	U
1,1-Dichloroethane	75-34-3	6.6	U	0.6	U	0.7	U
1,1-Dichloroethylene	75-35-4	1.6	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	12	U	1.2	U	1.3	U
1,2,4-Trimethylbenzene	95-63-6	8	U	0.8	U	0.9	U
1,2-Dibromoethane	106-93-4	13	U	1.2	U	1.3	U
1,2-Dichlorobenzene	95-50-1	9.8	U	0.9	U	1	U
1,2-Dichloroethane	107-06-2	6.6	U	0.6	U	0.7	U
1,2-Dichloropropane	78-87-5	7.5	U	0.7	U	0.8	U
1,2-Dichlorotetrafluoroethane	76-14-2	11	U	1.1	U	1.2	U
1,3,5-Trimethylbenzene	108-67-8	8	U	0.8	U	0.9	U
1,3-Butadiene	106-99-0	11	U	1	U	1.2	U
1,3-Dichlorobenzene	541-73-1	9.8	U	0.9	U	1	U
1,3-Dichloropropane	142-28-9	7.5	U	0.7	U	0.8	U
1,4-Dichlorobenzene	106-46-7	9.8	U	0.9	U	1	U
1,4-Dioxane	123-91-1	12	U	1.1	U	1.3	U
2-Butanone	78-93-3	**11**	D	**1.4**	D	**1.5**	D
2-Hexanone	591-78-6	13	U	1.3	U	1.4	U
3-Chloropropene	107-05-1	26	U	2.4	U	2.7	U
4-Methyl-2-pentanone	108-10-1	6.7	U	0.6	U	0.7	U
Acetone	67-64-1	**280**	D	**96**	D	**110**	D
Acrylonitrile	107-13-1	3.5	U	0.3	U	0.4	U
Benzene	71-43-2	**7.8**	D	**0.7**	D	**0.6**	D
Benzyl chloride	100-44-7	8.4	U	0.8	U	0.9	U
Bromodichloromethane	75-27-4	11	U	1	U	1.2	U
Bromoform	75-25-2	17	U	1.6	U	1.8	U
Bromomethane	74-83-9	6.3	U	0.6	U	0.7	U
Carbon disulfide	75-15-0	**30**	D	0.5	U	0.5	U
Carbon tetrachloride	56-23-5	2.6	U	**0.4**	D	**0.4**	D
Chlorobenzene	108-90-7	7.5	U	0.7	U	0.8	U
Chloroethane	75-00-3	4.3	U	0.4	U	0.5	U
Chloroform	67-66-3	8	U	0.8	U	0.9	U
Chloromethane	74-87-3	3.4	U	**0.6**	D	**1.3**	D
cis-1,2-Dichloroethylene	156-59-2	**2.6**	D	0.2	U	0.2	U
cis-1,3-Dichloropropylene	10061-01-5	7.4	U	0.7	U	0.8	U
Cyclohexane	110-82-7	5.6	U	0.5	U	0.6	U
Dibromochloromethane	124-48-1	14	U	1.3	U	1.5	U
Dichlorodifluoromethane	75-71-8	8.1	U	**2.7**	D	**2.7**	D
Ethyl acetate	141-78-6	12	U	1.1	U	1.3	U
Ethyl Benzene	100-41-4	7.1	U	0.7	U	0.8	U
Hexachlorobutadiene	87-68-3	17	U	1.7	U	1.9	U
Isopropanol	67-63-0	8	U	**1.6**	D	**1.8**	D
Methyl Methacrylate	80-62-6	6.7	U	0.6	U	0.7	U
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	U	0.6	U	0.6	U
Methylene chloride	75-09-2	11	U	**2**	D	**2.4**	D
Naphthalene	91-20-3	17	U	1.6	U	1.8	U
n-Heptane	142-82-5	**6.7**	D	0.6	U	0.7	U
n-Hexane	110-54-3	**18**	D	**0.8**	D	**0.7**	D
o-Xylene	95-47-6	7.1	U	0.7	U	0.8	U
p- & m- Xylenes	179601-23-1	14	U	**1.7**	D	**1.8**	D
p-Ethyltoluene	622-96-8	8	U	0.8	U	0.9	U
Propylene	115-07-1	**480**	D	**3**	D	**4.6**	D
Styrene	100-42-5	6.9	U	0.7	U	0.7	U
Tetrachloroethylene	127-18-4	**17**	D	**1.2**	D	1.2	U
Tetrahydrofuran	109-99-9	9.6	U	0.9	U	1	U
Toluene	108-88-3	**25**	D	**1.6**	D	**1.8**	D
trans-1,2-Dichloroethylene	156-60-5	6.5	U	0.6	U	0.7	U
trans-1,3-Dichloropropylene	10061-02-6	7.4	U	0.7	U	0.8	U
Trichloroethylene	79-01-6	**2.2**	U	0.2	U	0.2	U
Trichlorofluoromethane (Freon 11)	75-69-4	9.2	U	**1.4**	D	**1.3**	D
Vinyl acetate	108-05-4	5.7	U	0.6	U	0.6	U
Vinyl bromide	593-60-2	7.1	U	0.7	U	0.8	U
Vinyl Chloride	75-01-4	2.1	U	0.2	U	0.2	U

NOTES:

Bold values are detected concentrations
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank

This data has not been validated by a third-party validator as of the date of this report

Table 15
VOCs in Soil Vapor and Outdoor Air
960 Franklin Avenue, Brooklyn, NY

Sample ID		24SV-2S		24SV-X		24SV-2I		24SV-2D	
York ID		24C1962-04		24C1962-07		24C1962-05		24C1962-06	
Sampling Date		3/29/2024		3/29/2024		3/29/2024		3/29/2024	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 Isooctane (2,2,4-TMP) Add On		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.74		1.51		16.04		15.89	
2,2,4-Trimethylpentane	540-84-1	0.4	U	0.4	U	3.8	U	3.7	U
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.74		1.51		128.32		127.12	
1,1,1,2-Tetrachloroethane	630-20-6	1.2	U	1	U	11	U	11	U
1,1,1-Trichloroethane	71-55-6	1	U	0.8	U	**34**	D	**38**	D
1,1,2,2-Tetrachloroethane	79-34-5	1.2	U	1	U	11	U	11	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	1.3	U	1.2	U	12	U	12	U
1,1,2-Trichloroethane	79-00-5	1	U	0.8	U	8.8	U	8.7	U
1,1-Dichloroethane	75-34-3	0.7	U	0.6	U	6.5	U	6.4	U
1,1-Dichloroethylene	75-35-4	0.2	U	0.2	U	1.6	U	1.6	U
1,2,4-Trichlorobenzene	120-82-1	1.3	U	1.1	U	12	U	12	U
1,2,4-Trimethylbenzene	95-63-6	0.9	U	0.7	U	7.9	U	**37**	D
1,2-Dibromoethane	106-93-4	1.3	U	1.2	U	12	U	12	U
1,2-Dichlorobenzene	95-50-1	1	U	0.9	U	9.6	U	9.6	U
1,2-Dichloroethane	107-06-2	0.7	U	0.6	U	6.5	U	6.4	U
1,2-Dichloropropane	78-87-5	0.8	U	0.7	U	7.4	U	7.3	U
1,2-Dichlorotetrafluoroethane	76-14-2	1.2	U	1.1	U	11	U	11	U
1,3,5-Trimethylbenzene	108-67-8	0.9	U	0.7	U	7.9	U	**34**	D
1,3-Butadiene	106-99-0	1.2	U	1	U	11	U	11	U
1,3-Dichlorobenzene	541-73-1	1	U	0.9	U	9.6	U	9.6	U
1,3-Dichloropropane	142-28-9	0.8	U	0.7	U	7.4	U	7.3	U
1,4-Dichlorobenzene	106-46-7	1	U	0.9	U	9.6	U	9.6	U
1,4-Dioxane	123-91-1	1.3	U	1.1	U	12	U	11	U
2-Butanone	78-93-3	**1.1**	D	**1**	D	**9**	D	**16**	D
2-Hexanone	591-78-6	1.4	U	1.2	U	13	U	13	U
3-Chloropropene	107-05-1	2.7	U	2.4	U	25	U	25	U
4-Methyl-2-pentanone	108-10-1	0.7	U	0.6	U	6.6	U	6.5	U
Acetone	67-64-1	**25**	D	**17**	D	**350**	D	**1000**	D
Acrylonitrile	107-13-1	0.4	U	0.3	U	3.5	U	3.4	U
Benzene	71-43-2	**0.6**	D	**0.9**	D	5.1	U	**160**	D
Benzyl chloride	100-44-7	0.9	U	0.8	U	8.3	U	8.2	U
Bromodichloromethane	75-27-4	1.2	U	1	U	11	U	11	U
Bromoform	75-25-2	1.8	U	1.6	U	17	U	16	U
Bromomethane	74-83-9	0.7	U	0.6	U	6.2	U	6.2	U
Carbon disulfide	75-15-0	0.5	U	0.5	U	5	U	**7.4**	D
Carbon tetrachloride	56-23-5	**0.4**	D	**0.4**	D	2.5	U	**7**	D
Chlorobenzene	108-90-7	0.8	U	0.7	U	7.4	U	7.3	U
Chloroethane	75-00-3	0.5	U	0.4	U	4.2	U	4.2	U
Chloroform	67-66-3	0.9	U	0.7	U	7.8	U	**7.8**	D
Chloromethane	74-87-3	**1.4**	D	**1.2**	D	3.3	U	3.3	U
cis-1,2-Dichloroethylene	156-59-2	0.2	U	**0.9**	D	**110**	D	**530**	D
cis-1,3-Dichloropropylene	10061-01-5	0.8	U	0.7	U	7.3	U	7.2	U
Cyclohexane	110-82-7	0.6	U	0.5	U	5.5	U	**6.6**	D
Dibromochloromethane	124-48-1	1.5	U	1.3	U	14	U	14	U
Dichlorodifluoromethane	75-71-8	**2.6**	D	**2**	D	**36**	D	**39**	D
Ethyl acetate	141-78-6	1.3	U	1.1	U	12	U	11	U
Ethyl Benzene	100-41-4	0.8	U	**3**	D	**10**	D	**560**	D
Hexachlorobutadiene	87-68-3	1.9	U	1.6	U	17	U	17	U
Isopropanol	67-63-0	**0.9**	D	0.7	U	7.9	U	7.8	U
Methyl Methacrylate	80-62-6	0.7	U	0.6	U	6.6	U	6.5	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.6	U	0.5	U	5.8	U	5.7	U
Methylene chloride	75-09-2	1.2	U	1	U	11	U	11	U
Naphthalene	91-20-3	1.8	U	1.6	U	17	U	17	U
n-Heptane	142-82-5	0.7	U	0.6	U	**6.6**	D	**22**	D
n-Hexane	110-54-3	0.6	U	0.5	U	14	D	**10**	D
o-Xylene	95-47-6	0.8	U	**1.4**	D	7	U	**190**	D
p- & m- Xylenes	179601-23-1	1.5	U	**3.6**	D	**16**	D	**410**	D
p-Ethyltoluene	622-96-8	0.9	U	**1.9**	D	7.9	U	**240**	D
Propylene	115-07-1	**2.3**	D	0.3	U	**9.4**	D	**11**	D
Styrene	100-42-5	0.7	U	0.6	U	6.8	U	**22**	D
Tetrachloroethylene	127-18-4	1.2	U	**190**	BD	**23000**	BD	**26000**	BD
Tetrahydrofuran	109-99-9	1	U	0.9	U	9.5	U	9.4	U
Toluene	108-88-3	**1.4**	D	**3.2**	D	**24**	D	**650**	D
trans-1,2-Dichloroethylene	156-60-5	0.7	U	0.6	U	6.4	U	**18**	D
trans-1,3-Dichloropropylene	10061-02-6	0.8	U	0.7	U	7.3	U	7.2	U
Trichloroethylene	79-01-6	0.2	U	**5.6**	BD	**680**	D	**2100**	D
Trichlorofluoromethane (Freon 11)	75-69-4	1.3	D	1	D	9	U	8.9	U
Vinyl acetate	108-05-4	0.6	U	0.5	U	5.6	U	5.6	U
Vinyl bromide	593-60-2	0.8	U	0.7	U	7	U	7	U
Vinyl Chloride	75-01-4	0.2	U	0.2	U	2.1	U	**6.5**	D

NOTES:

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Table 15
VOCs in Soil Vapor and Outdoor Air
960 Franklin Avenue, Brooklyn, NY

Sample ID		24SV-3S		24SV-3I		24SV-3D	
York ID		24C1962-08		24C1962-09		24C1962-10	
Sampling Date		3/29/2024		3/29/2024		3/29/2024	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q
VOA, TO15 Isooctane (2,2,4-TMP) Add On		ug/m3		ug/m3		ug/m3	
Dilution Factor		2.92		14.64		3.23	
2,2,4-Trimethylpentane	540-84-1	0.7	U	3.4	U	0.8	U
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3	
Dilution Factor		2.92		14.64		3.23	
1,1,1,2-Tetrachloroethane	630-20-6	2	U	10	U	2.2	U
1,1,1-Trichloroethane	71-55-6	1.6	U	8	U	1.8	U
1,1,2,2-Tetrachloroethane	79-34-5	2	U	10	U	2.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	2.2	U	11	U	2.5	U
1,1,2-Trichloroethane	79-00-5	1.6	U	8	U	1.8	U
1,1-Dichloroethane	75-34-3	1.2	U	5.9	U	1.3	U
1,1-Dichloroethylene	75-35-4	0.3	U	1.5	U	0.3	U
1,2,4-Trichlorobenzene	120-82-1	2.2	U	11	U	2.4	U
1,2,4-Trimethylbenzene	95-63-6	1.4	U	7.2	U	**1.6**	D
1,2-Dibromoethane	106-93-4	2.2	U	11	U	2.5	U
1,2-Dichlorobenzene	95-50-1	1.8	U	8.8	U	1.9	U
1,2-Dichloroethane	107-06-2	1.2	U	5.9	U	1.3	U
1,2-Dichloropropane	78-87-5	1.3	U	6.8	U	1.5	U
1,2-Dichlorotetrafluoroethane	76-14-2	2	U	10	U	**2.5**	D
1,3,5-Trimethylbenzene	108-67-8	1.4	U	7.2	U	1.6	U
1,3-Butadiene	106-99-0	**12**	D	**25**	D	**17**	D
1,3-Dichlorobenzene	541-73-1	1.8	U	8.8	U	1.9	U
1,3-Dichloropropane	142-28-9	1.3	U	6.8	U	1.5	U
1,4-Dichlorobenzene	106-46-7	1.8	U	8.8	U	1.9	U
1,4-Dioxane	123-91-1	2.1	U	11	U	2.3	U
2-Butanone	78-93-3	**8**	D	**11**	D	**13**	D
2-Hexanone	591-78-6	2.4	U	12	U	2.6	U
3-Chloropropene	107-05-1	4.6	U	23	U	5.1	U
4-Methyl-2-pentanone	108-10-1	1.2	U	6	U	1.3	U
Acetone	67-64-1	**250**	D	**74**	D	**160**	D
Acrylonitrile	107-13-1	0.6	U	3.2	U	0.7	U
Benzene	71-43-2	**10**	D	**11**	D	**8.5**	D
Benzyl chloride	100-44-7	1.5	U	7.6	U	1.7	U
Bromodichloromethane	75-27-4	2	U	9.8	U	2.2	U
Bromoform	75-25-2	3	U	15	U	3.3	U
Bromomethane	74-83-9	1.1	U	5.7	U	1.3	U
Carbon disulfide	75-15-0	**30**	D	**14**	D	**7.1**	D
Carbon tetrachloride	56-23-5	0.5	U	2.3	U	0.5	U
Chlorobenzene	108-90-7	1.3	U	6.7	U	1.5	U
Chloroethane	75-00-3	0.8	U	3.9	U	0.9	U
Chloroform	67-66-3	**5.3**	D	7.1	U	1.6	U
Chloromethane	74-87-3	0.6	U	3.0	U	0.7	U
cis-1,2-Dichloroethylene	156-59-2	0.3	U	1.5	U	0.3	U
cis-1,3-Dichloropropylene	10061-01-5	1.3	U	6.6	U	1.5	U
Cyclohexane	110-82-7	**3.7**	D	5	U	**1.7**	D
Dibromochloromethane	124-48-1	2.5	U	12	U	2.7	U
Dichlorodifluoromethane	75-71-8	**12**	D	**19**	D	**16**	D
Ethyl acetate	141-78-6	2.1	U	11	U	2.3	U
Ethyl Benzene	100-41-4	**2.9**	D	6.4	U	**3.1**	D
Hexachlorobutadiene	87-68-3	3.1	U	16	U	3.4	U
Isopropanol	67-63-0	**48**	D	7.2	U	**29**	D
Methyl Methacrylate	80-62-6	1.2	U	6	U	1.3	U
Methyl tert-butyl ether (MTBE)	1634-04-4	1.1	U	5.3	U	1.2	U
Methylene chloride	75-09-2	**82**	D	10	U	**2.8**	D
Naphthalene	91-20-3	3.1	U	15	U	3.4	U
n-Heptane	142-82-5	**9**	D	**15**	D	**11**	D
n-Hexane	110-54-3	**26**	D	**41**	D	**37**	D
o-Xylene	95-47-6	**3**	D	6.4	U	**3.1**	D
p- & m- Xylenes	179601-23-1	**10**	D	**13**	D	**10**	D
p-Ethyltoluene	622-96-8	**1.9**	D	7.2	U	**2.1**	D
Propylene	115-07-1	**220**	D	**550**	D	**270**	D
Styrene	100-42-5	1.2	U	6.2	U	1.4	U
Tetrachloroethylene	127-18-4	**78**	BD	**380**	BD	**130**	BD
Tetrahydrofuran	109-99-9	**7.8**	D	8.6	U	**7.5**	D
Toluene	108-88-3	**29**	D	**35**	D	**32**	D
trans-1,2-Dichloroethylene	156-60-5	1.2	U	5.8	U	1.3	U
trans-1,3-Dichloropropylene	10061-02-6	1.3	U	6.6	U	1.5	U
Trichloroethylene	79-01-6	0.4	U	2	U	0.4	U
Trichlorofluoromethane (Freon 11)	75-69-4	**4.4**	D	8.2	U	**4.5**	D
Vinyl acetate	108-05-4	1	U	5.2	U	1.1	U
Vinyl bromide	593-60-2	1.3	U	6.4	U	1.4	U
Vinyl Chloride	75-01-4	0.4	U	1.9	U	0.4	U

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Table 15
VOCs in Soil Vapor and Outdoor Air
960 Franklin Avenue, Brooklyn, NY

Sample ID		24OSV-1		24OSV-2		24OSV-3		24OSV-4		24OSV-5		24OA	
York ID		24C1962-11		24C1962-12		24C1962-13		24C1962-14		24C1962-15		24C1962-16	
Sampling Date		3/29/24		3/29/24		3/29/24		3/29/24		3/29/24		3/29/24	
Client Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, TO15 Isooctane (2,2,4-TMP) Add On		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.51		16.05		3.74		1.62		3.19		0.99	
2,2,4-Trimethylpentane	540-84-1	**0.4**	D	3.8	U	**3.5**	D	0.4	U	**1.5**	D	0.2	U
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.51		85.93		3.74		1.62		3.19		0.99	
1,1,1,2-Tetrachloroethane	630-20-6	1	U	11	U	2.6	U	1.1	U	2.2	U	0.7	U
1,1,1-Trichloroethane	71-55-6	0.8	U	8.8	U	**12**	D	0.9	U	**41**	D	0.5	U
1,1,2,2-Tetrachloroethane	79-34-5	1	U	11	U	2.6	U	1.1	U	2.2	U	0.7	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	1.2	U	12	U	2.9	U	1.2	U	2.4	U	0.8	U
1,1,2-Trichloroethane	79-00-5	0.8	U	8.8	U	2	U	0.9	U	1.7	U	0.5	U
1,1-Dichloroethane	75-34-3	0.6	U	6.5	U	1.5	U	0.7	U	1.3	U	0.4	U
1,1-Dichloroethylene	75-35-4	0.2	U	1.6	U	0.4	U	0.2	U	0.3	U	0.1	U
1,2,4-Trichlorobenzene	120-82-1	1.1	U	12	U	2.8	U	1.2	U	2.4	U	0.7	U
1,2,4-Trimethylbenzene	95-63-6	0.7	U	7.9	U	1.8	U	0.8	U	1.6	U	0.5	U
1,2-Dibromoethane	106-93-4	1.2	U	12.0	U	2.9	U	1.2	U	2.4	U	0.8	U
1,2-Dichlorobenzene	95-50-1	0.9	U	9.6	U	2.2	U	1	U	1.9	U	0.6	U
1,2-Dichloroethane	107-06-2	0.6	U	6.5	U	1.5	U	0.7	U	1.3	U	0.4	U
1,2-Dichloropropane	78-87-5	0.7	U	7.4	U	1.7	U	0.8	U	1.5	U	0.5	U
1,2-Dichlorotetrafluoroethane	76-14-2	1.1	U	11	U	**2.6**	D	1.1	U	2.2	U	0.7	U
1,3,5-Trimethylbenzene	108-67-8	0.7	U	7.9	U	1.8	U	0.8	U	1.6	U	0.5	U
1,3-Butadiene	106-99-0	1	U	**170**	D	2.5	U	1.1	U	2.1	U	0.7	U
1,3-Dichlorobenzene	541-73-1	0.9	U	9.6	U	2.2	U	1	U	1.9	U	0.6	U
1,3-Dichloropropane	142-28-9	0.7	U	7.4	U	1.7	U	0.8	U	1.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	0.9	U	9.6	U	2.2	U	1	U	1.9	U	0.6	U
1,4-Dioxane	123-91-1	1.1	U	12	U	2.7	U	1.2	U	2.3	U	0.7	U
2-Butanone	78-93-3	**1.2**	D	**9**	D	**15**	D	**1.5**	D	**11**	D	**1.7**	D
2-Hexanone	591-78-6	1.2	U	13	U	3.1	U	1.3	U	2.6	U	**0.9**	D
3-Chloropropene	107-05-1	2.4	U	25	U	5.9	U	2.5	U	5.0	U	1.6	U
4-Methyl-2-pentanone	108-10-1	0.6	U	6.6	U	1.5	U	0.7	U	1.3	U	0.4	U
Acetone	67-64-1	**42**	D	**22**	D	**160**	D	**82**	D	**270**	D	**7**	D
Acrylonitrile	107-13-1	0.3	U	3.5	U	0.8	U	0.4	U	0.7	U	0.2	U
Benzene	71-43-2	**0.6**	D	5.1	U	**5.3**	D	**0.6**	D	1.0	U	**0.5**	D
Benzyl chloride	100-44-7	0.8	U	8.3	U	1.9	U	0.8	U	1.6	U	0.5	U
Bromodichloromethane	75-27-4	1.0	U	11	U	2.5	U	1.1	U	2.1	U	0.7	U
Bromoform	75-25-2	1.6	U	17	U	3.9	U	1.7	U	3.3	U	1	U
Bromomethane	74-83-9	0.6	U	6.2	U	1.5	U	0.6	U	1.2	U	0.4	U
Carbon disulfide	75-15-0	0.5	U	**7.5**	D	**3.4**	D	0.5	U	**1.1**	D	0.3	U
Carbon tetrachloride	56-23-5	**0.4**	D	2.5	U	0.6	U	**0.4**	D	0.5	U	**0.4**	D
Chlorobenzene	108-90-7	0.7	U	7.4	U	1.7	U	0.8	U	1.5	U	0.5	U
Chloroethane	75-00-3	0.4	U	4.2	U	1	U	0.4	U	0.8	U	0.3	U
Chloroform	67-66-3	0.7	U	7.8	U	1.8	U	0.8	U	**3.3**	D	0.5	U
Chloromethane	74-87-3	**1.4**	D	3.3	U	0.8	U	**1.6**	D	**0.7**	D	**1.8**	D
cis-1,2-Dichloroethylene	156-59-2	0.2	U	1.6	U	0.4	U	0.2	U	0.3	U	0.1	U
cis-1,3-Dichloropropylene	10061-01-5	0.7	U	7.3	U	1.7	U	0.7	U	1.4	U	0.5	U
Cyclohexane	110-82-7	0.5	U	5.5	U	**1.7**	D	0.6	U	1.1	U	0.3	U
Dibromochloromethane	124-48-1	1.3	U	14	U	3.2	U	1.4	U	2.7	U	0.9	U
Dichlorodifluoromethane	75-71-8	**2.2**	D	7.9	U	**46**	D	**2.2**	D	**2.5**	D	**2.4**	D
Ethyl acetate	141-78-6	1.1	U	12	U	2.7	U	1.2	U	2.3	U	0.7	U
Ethyl Benzene	100-41-4	**0.7**	D	7	U	**6.3**	D	0.7	U	**2.8**	D	0.4	U
Hexachlorobutadiene	87-68-3	1.6	U	17	U	4	U	1.7	U	3.4	U	1.1	U
Isopropanol	67-63-0	**3.9**	D	**8.7**	D	**7.5**	D	**2.8**	D	**14**	D	**1.6**	D
Methyl Methacrylate	80-62-6	0.6	U	6.6	U	1.5	U	0.7	U	1.3	U	0.4	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.5	U	5.8	U	1.3	U	0.6	U	1.1	U	0.4	U
Methylene chloride	75-09-2	**4.4**	D	11	U	2.6	U	**1.8**	D	**13**	D	**0.7**	D
Naphthalene	91-20-3	1.6	U	17	U	3.9	U	1.7	U	3.3	U	1.0	U
n-Heptane	142-82-5	0.6	U	**24**	D	**8.4**	D	0.7	U	**2.4**	D	**0.4**	D
n-Hexane	110-54-3	**0.6**	D	**130**	D	**23**	D	**0.7**	D	**5.3**	D	0.4	U
o-Xylene	95-47-6	**0.9**	D	7	U	**8**	D	0.7	U	**3**	D	**0.5**	D
p- & m- Xylenes	179601-23-1	**2.7**	D	14	U	**24**	D	1.4	U	**10**	D	**1.3**	D
p-Ethyltoluene	622-96-8	0.7	U	7.9	U	**2**	D	0.8	U	**2**	D	0.5	U
Propylene	115-07-1	0.3	U	**5600**	D	**220**	D	**4.5**	D	**6.2**	D	0.2	U
Styrene	100-42-5	0.6	U	6.8	U	1.6	U	0.7	U	1.4	U	0.4	U
Tetrachloroethylene	127-18-4	1	U	11	U	**200**	D	1.1	U	**76**	D	0.7	U
Tetrahydrofuran	109-99-9	0.9	U	9.5	U	**13**	D	1	U	**5.4**	D	0.6	U
Toluene	108-88-3	**3.4**	D	**22**	D	**45**	D	**1.8**	D	**22**	D	**0.7**	D
trans-1,2-Dichloroethylene	156-60-5	0.6	U	6.4	U	1.5	U	0.6	U	1.3	U	0.4	U
trans-1,3-Dichloropropylene	10061-02-6	0.7	U	7.3	U	1.7	U	0.7	U	1.4	U	0.5	U
Trichloroethylene	79-01-6	0.2	U	**2.2**	U	**1.4**	D	0.2	U	**4.1**	D	0.1	U
Trichlorofluoromethane (Freon 11)	75-69-4	**1.1**	D	9	U	**2.1**	D	**1.2**	D	1.8	U	**1.3**	D
Vinyl acetate	108-05-4	0.5	U	5.7	U	1.3	U	0.6	U	1.1	U	0.4	U
Vinyl bromide	593-60-2	0.7	U	7	U	1.6	U	0.7	U	1.4	U	0.4	U
Vinyl Chloride	75-01-4	0.2	U	2.1	U	0.5	U	0.2	U	0.4	U	0.1	U

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